Table A1.3

SAMPLING AND ANALYSIS DATA: STATION B INTERIOR – BASEMENT

Area 1.3: Station B—Basement

AOC #:	1
PCB Area Description:	Basement: concrete pads and former earthen floor
Location Reference:	Figure A1.3 (AEI Sample Points only)
Sample Matrix:	Concrete; soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
CONCRETE			
11-16-MISC-117 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0
11-16-MISC-118 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0
11-16-MISC-119 (1)	NS	11-18-1999 (11-29-1999)	ND < 1.0
11-16-MISC-120 (1)	NS	11-18-1999 (11-29-1999)	1.0
11-16-MISC-122 (1)	NS	11-19-1999 (12-01-1999)	ND < 1.0
SOIL			
SS-N	0.0–1.0	05-02-2001 (05-18-2001)	ND < 0.50
SS-O	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-P	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-Q	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-R	0.0–0.5	05-02-2001 (05-18-2001)	ND < 0.50
SS-S	0.0–0.5	05-02-2001 (05-04-2001)	ND < 0.50
SS-T	0.0–0.5	05-02-2001 (05-18-2001)	ND < 0.50

Notes for Table A1.3:
(1) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
ND = Not Detected.
NS = Not Specified.
< = Less than minimum detection limit.

Table A2.1

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – ELEVATED TRACKS

Area 2.1: Former Coal Yard

AOC #:	12W
PCB Area Description:	Elevated railroad tracks and foundations
Location Reference:	Figure
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
2HA-139	0.0–0.25	11-08-2004 (11-13-2004)	ND < 0.50
2HA-139	0.25–1.25	11-08-2004 (11-13-2004)	ND < 0.50
2HA-140	0.0–0.25	11-08-2004 (11-13-2004)	ND < 0.50
2HA-140	0.25–1.25	11-08-2004 (11-13-2004)	ND < 0.50
SS-II	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-JJ	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-KK (1)	0.0–0.3	04-03-2002 (04-06-2002)	0.83
SS-LL	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-MM	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-NN	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
SS-OO	0.0–0.3	04-02-2002 (04-11-2002)	ND < 0.50
SS-X	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50
SS-Y	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50
SS-Z	0.0–0.6	05-14-2001 (05-22-2001)	ND < 0.50

Notes for Table A2.1:
(1) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were not detected.
ND = Not Detected.
< = Less than minimum detection limit.

Table A2.2

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – FORMER COAL YARD

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
ASPHALT [1]			
2HA-241	0.0–0.3	12-16-2004 (12-28-2004)	ND < 0.50
2HA-242	0.0–0.3	12-16-2004 (12-28-2004)	ND < 0.50
2TB-207	0.0–0.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-256	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-257	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-258	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-259	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-260	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.30
2TB-261	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.30
2TB-262	0.0–0.25	02-23-2006 (02-28-2006)	0.49
2TB-263	0.0–0.25	02-23-2006 (02-28-2006)	0.45
2TB-264	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
2TB-265	0.0–0.25	02-23-2006 (02-28-2006)	ND < 0.60
TB-CCCC	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	0.0–0.3	04-03-2002 (04-06-2002)	ND < 0.50
TB-EEEE	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50
TB-KKKK	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-OOOO	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-SSSS	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
CONCRETE			
2CO-129	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
2CO-130	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
2CO-131	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
2CO-177	½ inch	12-16-2004 (12-28-2004)	ND < 0.50
2CO-504	½ inch	11-30-2004 (12-07-2004)	ND < 0.50
SEDIMENT			
CB-2	0.0–0.3	05-10-2001 (05-15-2001)	3.8
CB-3	0.0–0.3	05-10-2001 (05-15-2001)	ND < 0.50

Table A2.2 (cont)

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
2HA-241	0.3–0.6	12-16-2004 (12-28-2004)	ND < 0.50
2HA-242	0.3–0.5	12-16-2004 (12-28-2004)	ND < 0.50
2TB-206 [3]	0.0–0.3	11-18-2004 (12-03-2004)	3.0
2TB-206	0.3–2.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-206 [3]	4.3–6.3	11-18-2004 (12-03-2004)	1.44
2TB-207	0.3–1.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-207	1.3–2.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-207 [3]	2.3–4.3	11-18-2004 (12-03-2004)	0.55
2TB-207	4.3–6.3	11-18-2004 (12-03-2004)	ND < 0.50
2TB-256	0.25–0.50	02-23-2006 (02-28-2006)	ND < 0.60
2TB-256	0.50–1.00	02-23-2006 (02-28-2006)	ND < 0.30
2TB-256	1.00–2.25	02-23-2006 (02-28-2006)	ND < 0.30
2TB-256	2.25–3.25	02-23-2006 (02-28-2006)	ND < 0.40
2TB-256	3.25–4.25	02-23-2006 (02-28-2006)	ND < 0.40
2TB-256	6.25–8.25	02-23-2006 (02-28-2006)	ND < 0.40
2TB-257	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-257	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.60
2TB-257	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-257	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-257D	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-258	0.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-258	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-258	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-259	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-259	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-259	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-259	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-260	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-260	1.5–2.5	02-23-2006 (02-28-2006)	0.30
2TB-260	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-260	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.70
2TB-261	0.5–1.0	02-23-2006 (02-28-2006)	ND < 0.30
2TB-261	1.5–3.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-261	3.5–5.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-262	0.5–1.0	02-23-2006 (02-28-2006)	ND < 0.30
2TB-262	1.0–2.5	02-23-2006 (02-28-2006)	0.41
2TB-262	2.5–3.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-262	3.5–4.5	02-23-2006 (02-28-2006)	ND < 1.0

Table A2.2 (cont)

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
		SOIL	
2TB-262D	1.0–2.5	02-23-2006 (02-28-2006)	0.44
2TB-263	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-263	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-263	2.5–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-263	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.50
2TB-264	0.5–1.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-264	1.5–2.5	02-23-2006 (02-28-2006)	ND < 0.60
2TB-264	2.5–4.0	02-23-2006 (02-28-2006)	ND < 0.30
2TB-264	4.0–4.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-264	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.40
2TB-265	0.5–2.5	02-23-2006 (02-28-2006)	ND < 0.30
2TB-265	1.5–4.0	02-23-2006 (02-28-2006)	ND < 0.60
2TB-265	4.5–6.5	02-23-2006 (02-28-2006)	ND < 0.50
MW-07 [2]	7–9	06-04-1998 (06-12-1998)	ND < 1.0
MW-22 [2]	7–9	06-09-1998 (06-19-1998)	ND < 1.0
SS-CC	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-CC	0.3–1.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-DD	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-DD	0.3–1.3	04-03-2002 (04-18-2002)	ND < 0.50
SS-EE	0.0–0.3	04-03-2002 (04-08-2002)	ND < 0.50
SS-EE	0.3–1.3	04-03-2002 (04-08-2002)	ND < 0.50
TB-09 [2]	3–7	06-04-1998 (06-12-1998)	ND < 1.0
TB-10 [2]	11–13	06-04-1998 (06-12-1998)	ND < 1.0
TB-C	2–4	05-10-2001 (05-15-2001)	ND < 0.50
TB-CCCC	2.5–2.8	04-03-2002 (04-06-2002)	ND < 0.50
TB-CCCC	2.8–3.8	04-03-2002 (04-06-2002)	ND < 0.50
TB-CCCC	4.5–6.0	04-03-2002 (04-06-2002)	ND < 0.50
TB-CCCC	10–12	04-03-2002 (04-06-2002)	ND < 0.50
TB-D	2–4	05-11-2001 (05-18-2001)	ND < 0.50
TB-DDDD	1.3–1.6	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	1.6–2.6	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	3.3–4.3	04-03-2002 (04-06-2002)	ND < 0.50
TB-DDDD	15–17	04-03-2002 (04-06-2002)	ND < 0.50
TB-EEEE	1.5–1.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-EEEE	1.8–2.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-EEEE	3.8–5.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-EEEE	10–12	04-04-2002 (04-08-2002)	ND < 0.50
TB-F	0–2	05-11-2001 (05-18-2001)	ND < 0.50

Table A2.2 (cont)

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
TB-JJJJ	1.5–1.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	1.8–2.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	3.5–5.0	04-04-2002 (04-08-2002)	ND < 0.50
TB-JJJJ	5.0–5.5	04-04-2002 (04-08-2002)	ND < 0.50
TB-KKKK	1.0–1.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-KKKK	1.3–2.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-KKKK	5–6	04-04-2002 (04-09-2002)	ND < 0.50
TB-KKKK	5–6 D	04-02-2002 (04-11-2002)	ND < 0.50
TB-LLLL	0.0–0.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	0.3–0.6	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	0.6–1.6	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	3.3–4.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-LLLL	4.3–6.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	0.5–0.8	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	0.8–1.8	04-04-2002 (04-09-2002)	ND < 0.50
TB-MMMM	4.5–6.5	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	1.0–1.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	1.3–2.3	04-04-2002 (04-09-2002)	ND < 0.50
TB-NNNN	4–5	04-04-2002 (04-09-2002)	ND < 0.50
TB-OOOO	2.0–2.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-OOOO	4–5	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	0.3–0.6	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	0.9–1.0	04-05-2002 (04-11-2002)	ND < 0.50
TB-PPPP	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-QQQQ	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-QQQQ	0.3–2.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-QQQQ	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	1.0–1.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	3.3–3.9	04-05-2002 (04-11-2002)	ND < 0.50
TB-RRRR	3.9–4.0	04-05-2002 (04-11-2002)	ND < 0.50
TB-SSSS	2.2–2.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-SSSS	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-TTTT	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-TTTT	1.0–1.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-TTTT	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50

Area 2.2: Former Coal Yard

AOC #:	12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure A
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; water
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; µg per liter (µg/L)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
WATER [4]			
2TB-257 EB	2.5–4.5	02-23-2006 (03-1-2006)	ND < 0.50
2TB-262 EB	1.0–2.5	02-23-2006 (03-1-2006)	ND < 0.50

Notes for Table A2.2:
(1) = Asphalt samples may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.
(3) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were ND < 0.50.
(4) = Units are µg/L.
ND = Not detected. < = Less than minimum detection limit.

Table A6.1

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – SOUTH AND WEST

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
ASPHALT [1]			
AOC2-CS6	0.0–0.25	03-12-2002 (03-14-2002)	ND < 0.50
TB-AAAAA	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-CCCCC	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-DDDDD	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-FFFF	0.0–0.3	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFFF	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-GGGGG	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-HHHHH	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-IIIII	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-JJJJJ	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-KKKKK	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-UUUU	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-WWWW	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
6AS-001	½ inch	08-26-2004 (08-30-2004)	ND < 0.50
6AS-001D	½ inch	08-26-2004 (08-30-2004)	ND < 0.50
EB-06*	NA	08-26-2004 (08-31-2004)	ND < 12 **
CONCRETE			
6CO-065	½ inch	08-26-2004 (08-30-2004)	ND < 0.50
SOIL			
AOC2-CS2	0–2	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS2	2–4	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS2	5–7	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS6	0.25–2.0	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS6	2–4	03-12-2002 (03-14-2002)	ND < 0.50
AOC2-CS6	5–7	03-12-2002 (03-14-2002)	ND < 0.50
MW-02 [2]	13–17	06-02-1998 (06-10-1998)	ND < 1.0
MW-03 [2]	15–17	06-04-1998 (06-12-1998)	ND < 1.0
TB-01 [2]	7–8	06-02-1998 (06-10-1998)	ND < 1.0
TB-05 [2]	4–6	06-04-1998 (06-12-1998)	ND < 1.0
TB-06 [2]	1–7	06-04-1998 (06-12-1998)	ND < 1.0
TB-07 [2]	5	06-04-1998 (06-12-1998)	ND < 1.0
TB-07A [2]	7–9	06-04-1998 (06-12-1998)	ND < 1.0

Table A6.1 (cont)

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL[1]			
TB-08A [2]	1–3	06-04-1998 (06-12-1998)	ND < 1.0
TB-08B [2]	9–11	06-04-1998 (06-12-1998)	ND < 1.0
TB-08B [2]	15–17	06-04-1998 (06-12-1998)	ND < 1.0
TB-AAAAA	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	2.5–4.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-BBBBB	4.5–5.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-CCCCC	2–4	04-05-2002 (04-10-2002)	ND < 0.50
TB-CCCCC	4–5	04-05-2002 (04-10-2002)	ND < 0.50
TB-DDDDD	0.5–0.8	04-05-2002 (04-10-2002)	ND < 0.50
TB-EEEEE	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-EEEEE	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-EEEEE	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-FFFF	0.5–0.8	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFF	2.5–3.5	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFF	3.5–4.5	04-04-2002 (04-08-2002)	ND < 0.50
TB-FFFFF	0.5–0.8	04-05-2002 (04-10-2002)	ND < 0.50
TB-GGGGG	0.5–1.2	04-05-2002 (04-10-2002)	ND < 0.50
TB-HHHHH	0.5–2.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-HHHHH	2.5–4.5	04-05-2002 (04-10-2002)	ND < 0.50
TB-I	2–4	05-14-2001 (05-18-2001)	ND < 0.50
TB-J	2–4	05-14-2001 (05-18-2001)	ND < 0.50
TB-JJJJJ	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-JJJJJ	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-KKKKK	1–2	04-05-2002 (04-10-2002)	ND < 0.50
TB-KKKKK	4–5	04-05-2002 (04-10-2002)	ND < 0.50
TB-L	2–4	05-14-2001 (05-18-2001)	ND < 0.50
TB-UUUU	1.2–1.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-UUUU	5–7	04-05-2002 (04-11-2002)	ND < 0.50
TB-VVVV	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50

Table A6.1 (cont)

Area 6.1: Former Coal Yard and Area Adjacent to Station B

AOC #:	2, 3, 12N
PCB Area Description:	Paved and unpaved areas south and west of Station B
Location Reference:	Figure
Sample Matrix:	Asphalt; concrete; soil; catch basin sediment; hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight; micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
TB-VVVV	0.5–2.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-VVVV	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-WWWW	2.2–2.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-WWWW	2.5–4.5	04-05-2002 (04-11-2002)	ND < 0.50
TB-XXXX	0.0–0.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-XXXX	2.3–4.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-XXXX	4.3–6.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	2.0–2.3	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	2.5–3.0	04-05-2002 (04-11-2002)	ND < 0.50
TB-YYYY	3–5	04-05-2002 (04-10-2002)	ND < 0.50
TB-YYYY	5–7	04-05-2002 (04-10-2002)	ND < 0.50
TB-ZZZZ	0.0–0.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-ZZZZ	0.3–2.3	04-05-2002 (04-10-2002)	ND < 0.50
TB-ZZZZ	2.3–4.3	04-05-2002 (04-10-2002)	ND < 0.50
CATCH BASIN SEDIMENT			
CB-1	0.0–0.8	05-10-2001 (05-15-2001)	ND < 0.50
HEXANE WIPE OF STEEL SURFACE			
6HX-007	NA	08-26-2004 (09-01-2004)	ND < 10
6HX-007D	NA	08-26-2004 (09-01-2004)	ND < 10
Field Blank 2	NA	08-26-2004 (09-01-2004)	ND < 5.0

Notes for Table A6.1:
(1) = Asphalt samples may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.
NA = Not applicable. ND = Not detected.
< = Less than minimum detection limit.
* = Equipment Blank, matrix water. ** = Detection limit based on sample size supplied for analysis.

Table A6.2

SAMPLING AND ANALYSIS DATA: STATION B YARD AREAS – EAST DRIVEWAY

Area 6.2: Mill River East Branch Area

AOC #:	12E
PCB Area Description:	Mill River East Branch area
Location Reference:	Figure A1.3 (AEI Sample Points only)
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix B

Characterization Samples

Sample Point	Depth (feet)	Sampling Date (Analysis Date)	Sample Result
SOIL			
MW-04D [1]	36–40	06-10-1998 (06-18-1998)	ND < 1.0
MW-05 [1]	2–4	05-26-1998 (06-07-1998)	ND < 1.0

Notes for Table A6.2:
(1) = Result reported by GEI Consultants, Inc.
ND = Not Detected.
< = Less than minimum detection limit.

Table 1 Summary Of Current Procedures For PCB Sampling And Analysis

Sample Matrix	Sample Type	PCB Area(s)	Sample Collection	Sample Preparation and Extraction	Sample Analysis
Asphalt	Cores (drilling dust); Test boring; Hand auger	2.2, 6.1, 6.2	Sample collection using methods for concrete or soil, as appropriate. See below.	EPA 3550B	EPA 160.3 mo; EPA 8082
Concrete	Cores (drilling dust)	1.1, 1.2, 1.3, 2.2, 3.1, 6.1	EPA's "Draft Standard Operating Procedure for Sampling Concrete in the Field", December 30, 1997. Concrete Sampling: AEI SOP-011.	EPA 3545; EPA 3550B	EPA 160.3 mo; EPA 8082
Hexane	Wipe of steel (non-porous)	1.1, 1.4, 6.1	EPA's SOP for "Chip, Wipe, and Sweep Sampling", No. 2011, November 16, 1994. PCB Sampling with Hexane Wipes: AEI SOP-014.	EPA 3550B	EPA 8082
Oil	Grab	1.4	Sampled from motor reservoirs by using suction bulbs to transfer oil directly into sample containers.	None	EPA 8082
Paint	Scraping	1.4	Sampled by scraping painted surface down to bare metal. Sample collected on aluminum foil and transferred into sample jar.	EPA 3545	EPA 160.3 mo; EPA 8082
Sediment	Polyethylene scoop	2.2, 6.1	Sediment Sampling: AEI SOP-003	EPA 3545; EPA 3550B	EPA 8082
Soil	TEST BORING: Split-spoon sampler or Geoprobe ® SURFACE SAMPLE: Hand auger	1.3, 2.1, 2.2, 3.1, 3.2, 6.1, 6.2	Soil Sampling with a Split-spoon Sampler: AEI SOP-004. Soil Sampling with a Geoprobe ®: AEI SOP-013. Soil Sampling with Hand Tools: AEI SOP-019.	EPA 3545; EPA 3550B	EPA 160.3 mo; EPA 8082
Stone	Split-spoon sampler	3.2	Soil Sampling with a Split-spoon Sampler: AEI SOP-004.	EPA 3550B	EPA 8082
Water	Ground water Equipment Blank	2.2, 6.1, 6.2 1, 2, 3, 6	Low Stress and Low Flow Ground Water Sampling: AEI SOP-002. Equipment Blank Sample Collection: AEI SOP-009.	EPA 3510	EPA 8082
Wood	Cores (drilling dust)	1.1	Sampling procedure similar to Concrete Sampling: AEI SOP-011.	EPA 3545	EPA 160.3 mo; EPA 8082

Notes:

(1) The sample collection procedures cited above are included in Appendix A; the sample extraction and analysis procedures are referenced to EPA SW-846. The laboratory procedures conforming to SW-846 are included in Appendix B, except EPA 160.3 mo which is currently in preparation.

(2) Equipment decontamination procedures followed Equipment Decontamination: AEI SOP-012.

(3) The data presented in this report span the period from 1998 through 2007. Either no or minimum details are available regarding sample collection, preparation and extraction, and analysis for work performed by other consultants. Some of the current methods and SOPs were developed after the initiation of this project. This Table represents only current and recent practice. The laboratory reports in Appendix D provide information on former analytical methods.

Notes for Data Tables

Notes for All Sampling and Analysis Data Tables A1.1 Through A6.2:
1 = Result reported by GEI Consultants, Inc., who did not indicate the result is wet weight. Sample Point not shown on Figures—location not certain.
2 = Result reported by GEI Consultants, Inc., who did not indicate the result is dry weight. Sample Point not shown on Figures—location not certain.
3 = Detection limits were raised due to an interfering pattern of peaks.
4 = Also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). All were ND except two: 3GP-306 @ 0.3–1.3 feet (= 0.16 µg/L) and 3GP-307 @ 1.3–2.5 feet (= 0.18 µg/L).
5 = Duplicate sample.
6 = Result reported by GEI Consultants, Inc.
7 = Not enough residual sample to test for leachable PCBs using SPLP.
8 = Matrix "stone" includes material identified as crushed stone, gravel, process, or stone.
9 = Detection limits based on sample size supplied for analysis.
10 = Due to the size of the gauze wipe, additional solvent was added to the analysis resulting in the detection limits being raised.
11 = Result reported by United Illuminating laboratory; Minimum Detection Limit (MDL) reportedly = 1.0.
12 = Paint scraped from crane down to bare metal.
13 = Low surrogate recovery; no additional sample available for duplicate analysis.
14 = Surrogate diluted out of curve (out of sample).
15 = Elevated detection limit ≥ RSR criterion. See memo from Complete Environmental Testing, Inc. (CET) in Appendix D1.
16 = Insufficient sample for total solids.
17 = Historic sample—concrete removed by scarification or excision.
18 = Verification sample (hexane wipe or oil) following clean-up of overhead crane, Area 1.4.

Symbols and Abbreviations:
BOLD (in analysis results column) = result exceeds cleanup criterion
D or **Dup**= Duplicate sample
EB = Equipment Blank
NA = Not Applicable
ND = Not Detected
NS = Not Specified
< = Less than minimum detection limit

Sample Matrix:	Sample Result Units:
Asphalt, Concrete, Paint, Sediment, Soil, Stone, Wood	Milligrams per kilogram (mg/kg), dry weight
Hexane wipe of steel surface	Micrograms per 100 square centimeters (µg/100 sq. cm)
Oil	Milligrams per kilogram (mg/kg), wet weight
Water	Micrograms per liter (µg/L)

Table A1.1, page 1 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	11-16-MISC-121	NS	Concrete	1	1.1	*First floor*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	1CO-01	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-02	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	0.57	1.0	—
B	1CO-03	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-04	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	0.98	1.0	—
B	1CO-05	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-05 D	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	5
B	1CO-06	½ inch	Concrete	1	1.1	*Loading dock*	06-16-2004	04060618r	06-22-2004	0.52	1.0	—
B	1CO-07	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-08	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-09	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-10	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-11	½ inch	Concrete	1	1.1	*First floor*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-200	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-201	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.51	1.0	—
B	1CO-202	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-203	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-204	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-205	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.35	1.0	—
B	1CO-206	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-207	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.39	1.0	—
B	1CO-208	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-209	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.50	1.0	—
B	1CO-210	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-211	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-212	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-213	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-214	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-215	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-216	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-217	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—

Table A1.1, page 2 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1CO-218	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.86	1.0	—
B	1CO-219	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.51	1.0	—
B	1CO-219 D	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.62	1.0	5
B	1CO-220	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	1.00	1.0	—
B	1CO-221	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	**1.4**	1.0	—
B	1CO-222	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	0.54	1.0	—
B	1CO-223	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	**2.0**	1.0	—
B	1CO-224	½ inch	Concrete	1	1.1	*Office roof*	09-01-2006	06090116r	09-11-2006	ND < 0.30	1.0	—
B	1CO-225	½ inch	Concrete	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	**43**	1.0	15
B	1CO-226	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	0.71	1.0	—
B	1CO-227	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	0.91	1.0	—
B	1CO-228	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.4**	1.0	—
B	1CO-229	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.7**	1.0	—
B	1CO-230	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.5**	1.0	—
B	1CO-231	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.44	1.0	—
B	1CO-232	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.40	1.0	—
B	1CO-233	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.4**	1.0	—
B	1CO-234	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**1.04**	1.0	—
B	1CO-235	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.79	1.0	—
B	1CO-236	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.3**	1.0	—
B	1CO-237	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.45	1.0	—
B	1CO-238	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.6**	1.0	—
B	1CO-239	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**2.2**	1.0	—
B	1CO-240	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.1**	1.0	—
B	1CO-241	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**1.7**	1.0	—
B	1CO-242	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.42	1.0	—
B	1CO-243	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**2.3**	1.0	—
B	1CO-244	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**3.7**	1.0	—
B	1CO-245	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	**1.85**	1.0	—
B	1CO-245 D	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-12-2006	**1.0**	1.0	5
B	1CO-246	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-10-2006	0.34	1.0	—

Table A1.1, page 3 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1CO-247	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-12-2006	0.37	1.0	—
B	1CO-248	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-12-2006	0.48	1.0	—
B	1CO-249	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-11-2006	**8.3**	1.0	15
B	1CO-250	½ inch	Concrete	1	1.1	*First floor*	09-28-2006	06091008r	10-11-2006	**2.9**	1.0	—
B	1CO-251	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-11-2006	0.49	1.0	—
B	1CO-252	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-11-2006	0.38	1.0	—
B	1CO-253	½ inch	Concrete	1	1.1	*Loading dock*	09-28-2006	06091008r	10-11-2006	0.62	1.0	—
B	1CO-254	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-01-2006	0.98	1.0	—
B	1CO-255	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.96	1.0	—
B	1CO-256	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.0**	1.0	—
B	1CO-257	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.80	1.0	—
B	1CO-258	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.60	1.0	—
B	1CO-259	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1CO-260	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.95	1.0	—
B	1CO-261	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.4**	1.0	—
B	1CO-262	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**1.29**	1.0	—
B	1CO-263	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.7**	1.0	—
B	1CO-264	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.30	1.0	—
B	1CO-265	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-07-2006	0.31	1.0	—
B	1CO-265 D	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.30	1.0	5
B	1CO-266	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**1.8**	1.0	—
B	1CO-267	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	0.49	1.0	—
B	1CO-268	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	**2.8**	1.0	—
B	1CO-269	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-06-2006	ND < 0.30	1.0	—
B	1CO-270	½ inch	Concrete	1	1.1	*First floor*	10-25-2006	06100978r	11-07-2006	0.31	1.0	—
B	1CO-271	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	**2.0**	1.0	—
B	1CO-272	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.33	1.0	—
B	1CO-273	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	**1.8**	1.0	—
B	1CO-274	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.30	1.0	—
B	1CO-275	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.89	1.0	—
B	1CO-276	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.58	1.0	—

Table A1.1, page 4 of 4 Sampling and Analysis Data: Station B Interior—Mezzanine and First Floor

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1CO-277	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.51	1.0	—
B	1CO-277 D	½ inch	Concrete	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	0.40	1.0	5
B	1HX-046	NA	Hexane	1	1.1	*Stairs*	10-25-2006	06100978r	11-07-2006	ND < 5.0	10.0	—
B	1HX-048	NA	Hexane	1	1.1	*Stairs*	10-25-2006	06100978r	11-07-2006	ND < 5.0	10.0	—
B	11-16-MISC-123	NS	Wood	1	1.1	*First floor*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	11-16-MISC-124	NS	Wood	1	1.1	*Mezzanine*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	11-16-MISC-125	NS	Wood	1	1.1	*Mezzanine*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	1XX-026	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	**1.42**	1.0	—
B	1XX-027	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-028	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-029	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-030	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	**1.64**	1.0	—
B	1XX-031	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	0.83	1.0	—
B	1XX-032	½ inch	Wood	1	1.1	*First floor*	10-25-2006	06100978r	11-04-2006	ND < 0.30	1.0	—
B	1XX-033	½ inch	Wood	1	1.1	*First floor*	11-13-2006	06110383r	11-17-2006	ND < 0.60	1.0	—
B	1CO-219 EB	NA	Water	1	1.1	*First floor*	09-01-2006	06090116r	09-11-2006	ND < 0.50	NA	—
B	1CO-245 EB	NA	Water	1	1.1	*First floor*	09-28-2006	06091008r	10-03-2006	ND < 0.50	NA	—
B	1CO-265 EB	NA	Water	1	1.1	*First floor*	10-25-2006	06100978r	11-01-2006	ND < 0.50	NA	—
B	1CO-277 EB	NA	Water	1	1.1	*First floor*	11-13-2006	06110383r	11-21-2006	ND < 0.50	NA	—
B	1CO-EB01	NA	Water	1	1.1	*First floor*	06-16-2004	04060618r	06-21-2004	ND < 12	NA	9

Table A1.2, page 1 of 2 Sampling and Analysis Data: Station B Interior—Annex III Facility

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	11-16-MISC-114	NS	Concrete	1	1.2	*Annex III*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-115	NS	Concrete	1	1.2	*Annex III*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-116	NS	Concrete	1	1.2	*Annex III*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	1CO-12	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-13	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-14	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-15	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	1CO-16	½ inch	Concrete	1	1.2	*Annex III*	06-16-2004	04060618r	06-22-2004	ND < 0.50	1.0	—
B	A-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	A-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	A-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	A-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	B-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**17.4**	1.0	17
B	B-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**45**	1.0	17
B	B-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**2.4**	1.0	17
B	B-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	C-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**1.3**	1.0	17
B	C-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	**1.5**	1.0	17
B	C-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.98	1.0	—
B	C-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	CS-5	(Chip)	Concrete	1	1.2	*Annex III*	06-11-1998	CTL698248	06-23-1998	**15**	1.0	2
B	D-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.94	1.0	—
B	D-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.77	1.0	—
B	D-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	D-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	E-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.69	1.0	—
B	E-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.98	1.0	—
B	E-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.51	1.0	—
B	E-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	F-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 0.50	1.0	—
B	F-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3

Table A1.2, page 2 of 2 Sampling and Analysis Data: Station B Interior—Annex III Facility

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	F-4	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	G-2	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	G-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	H-1	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	H-2	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	H-3	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	I-1	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	0.50	1.0	—
B	I-2	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	**1.6**	1.0	17
B	I-3	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	**1.1**	1.0	17
B	I-3a	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	0.65	1.0	5, 17
B	I-4	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-1	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-2	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-3	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	J-4	½ inch	Concrete	1	1.2	*Annex III*	05-09-2002	02050354	05-14-2002	ND < 0.50	1.0	—
B	K-1.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	K-2.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	**1.4**	1.0	17
B	K-3.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	K-3.5 Dup	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	5
B	L-1.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	L-2.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	L-3.5	½ inch	Concrete	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 0.50	1.0	—
B	SE-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	0.80	1.0	—
B	SF-1	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	SF-3	½ inch	Concrete	1	1.2	*Annex III*	07-18-2001	01070757	07-20-2001	ND < 1.0	1.0	3
B	Equip. Blank	NA	Water	1	1.2	*Annex III*	08-26-2002	02080881	08-29-2002	ND < 10	NA	—
B	Field Blank	NA	Water	1	1.2	*Annex III*	05-09-2002	02050355	05-13-2002	ND < 0.50	NA	—

Table A1.3, page 1 of 1 Sampling and Analysis Data: Station B Interior—Basement

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	11-16-MISC-117	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-118	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-119	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	ND < 1	1.0	2
B	11-16-MISC-120	NS	Concrete	1	1.3	*Basement*	11-18-1999	CTL1199286	11-29-1999	1	1.0	2
B	11-16-MISC-122	NS	Concrete	1	1.3	*Basement*	11-19-1999	CTL1199322	12-01-1999	ND < 1	1.0	2
B	SS-N	0.0–1.0	Soil	1	1.3	*Basement*	05-02-2001	01050613	05-18-2001	ND < 0.50	1.0	—
B	SS-O	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-P	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-Q	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-R	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050665	05-18-2001	ND < 0.50	1.0	—
B	SS-S	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050165	05-04-2001	ND < 0.50	1.0	—
B	SS-T	0.0–0.5	Soil	1	1.3	*Basement*	05-02-2001	01050665	05-18-2001	ND < 0.50	1.0	—

Table A1.4, page 1 of 3 Sampling and Analysis Data: Station B Interior—Overhead Crane

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	1HX-030	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-031	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-032	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-033	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-034	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-035	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	10.0	—
B	1HX-035 EB	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 5.0	NA	—
B	1HX-036	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-037	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-038	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-039	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-040	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-041	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-22-2006	ND < 5.0	10.0	—
B	1HX-042	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-043	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-044	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-045	NA	Hexane	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	ND < 5.0	10.0	—
B	1HX-047	NA	Hexane	1	1.4	*Crane*	10-25-2006	06100978r	11-07-2006	ND < 5.0	10.0	—
B	CR-CS01	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS02	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS03	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS04	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS05	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS06	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS07	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS08	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS09	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS10	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS11	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS12	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS13	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—

Table A1.4, page 2 of 3 Sampling and Analysis Data: Station B Interior—Overhead Crane

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	CR-CS14	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS15	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS16	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS17	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS18	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS18B	NA	Hexane	1	1.4	*Crane*	04-19-2002	02040671	04-23-2002	ND < 5.0	10.0	18
B	CR-CS19	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	**25**	10.0	—
B	CR-CS19B	NA	Hexane	1	1.4	*Crane*	04-19-2002	02040671	04-23-2002	ND < 5.0	10.0	18
B	CR-CS20	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS21	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS22	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS23	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS24	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS25	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS26	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS27	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS28	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS29	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS30	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS31	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS32	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS33	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS34	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS35	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS36	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS37	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS38	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS39	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS40	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS41	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS42	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—

Table A1.4, page 3 of 3 Sampling and Analysis Data: Station B Interior—Overhead Crane

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
B	CR-CS43	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS44	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	CR-CS45	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS46	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040116	04-04-2002	ND < 5.0	10.0	—
B	CR-CS47	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	10.0	—
B	Field Blank 1	NA	Hexane	1	1.4	*Crane*	03-21-2002	02030740	03-26-2002	ND < 5.0	NA	—
B	Field Blank 2	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040371	04-12-2002	ND < 5.0	NA	—
B	Field Blank 3	NA	Hexane	1	1.4	*Crane*	03-21-2002	02040371	04-12-2002	ND < 5.0	NA	—
B	11-16-MISC-113	NA	Oil	1	1.4	*Crane*	11-18-1999	CTL1199286	11-29-1999	**4**	1.0	1
B	NEM	NA	Oil	1	1.4	*Crane*	07-18-2001	01070758	07-25-2001	**6.6**	1.0	—
B	SEM	NA	Oil	1	1.4	*Crane*	07-18-2001	01070758	07-25-2001	**6.6**	1.0	—
B	RS-CS1	NA	Oil	1	1.4	*Crane*	03-21-2002	02030740	03-28-2002	ND < 2.0	1.0	18
B	1XX-010	NA	Paint	1	1.4	*Crane*	09-01-2006	06090116r	09-11-2006	**9.5**	1.0	12
B	1XX-011	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**18.2**	1.0	12, 15
B	1XX-012	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**17.6**	1.0	12, 15
B	1XX-013	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**19.3**	1.0	12, 15
B	1XX-014	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**13.1**	1.0	12, 15
B	1XX-015	NA	Paint	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	**20.4**	1.0	12, 15
B	1XX-016	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**21**	1.0	12, 15
B	1XX-017	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**21**	1.0	12, 15
B	1XX-018	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**13.4**	1.0	12, 15
B	1XX-019	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**12.5**	1.0	12, 15
B	1XX-019 D	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**15.3**	1.0	5, 12, 15
B	1XX-020	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**8.5**	1.0	12, 15
B	1XX-021	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**10.4**	1.0	12, 15
B	1XX-022	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**21**	1.0	12, 15
B	1XX-023	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**22**	1.0	12, 15
B	1XX-024	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**20**	1.0	12, 15
B	1XX-025	NA	Paint	1	1.4	*Crane*	09-07-2006	06090605r3	09-23-2006	**4.5**	1.0	12, 15
B	1XX-015 EB	NA	Water	1	1.4	*Crane*	09-07-2006	06090256	09-12-2006	ND < 0.50	NA	—

Table A2.1, page 1 of 1 Sampling and Analysis Data: Former Coal Yard—Elevated Hopper Tracks

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2HA-139	0.0–0.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	2HA-139	0.25–1.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	2HA-140	0.0–0.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	2HA-140	0.25–1.25	Soil	2	2.1	*Track C*	11-08-2004	04110347	11-13-2004	ND < 0.50	1.0	—
A	SS-HH	0.0–0.3	Soil	2	2.1	*Track A*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-II	0.0–0.3	Soil	2	2.1	*Track B*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-JJ	0.0–0.3	Soil	2	2.1	*Track E*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-KK	0.0–0.3	Soil	2	2.1	*Track C*	04-03-2002	02040166	04-06-2002	0.83	1.0	4
A	SS-LL	0.0–0.3	Soil	2	2.1	*Track E*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-MM	0.0–0.3	Soil	2	2.1	*Track D*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-NN	0.0–0.3	Soil	2	2.1	*Track C*	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	SS-OO	0.0–0.3	Soil	2	2.1	*Track E*	04-02-2002	02040305	04-11-2002	ND < 0.50	1.0	—
A	SS-X	0.0–0.6	Soil	2	2.1	*Track B*	05-14-2001	01050754	05-22-2001	ND < 0.50	1.0	—
A	SS-Y	0.0–0.6	Soil	2	2.1	*Track C*	05-14-2001	01050754	05-22-2001	ND < 0.50	1.0	—
A	SS-Z	0.0–0.6	Soil	2	2.1	*Track D*	05-14-2001	01050754	05-22-2001	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2AS-053	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-054	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-055	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-056	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-056 D	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	0.34	1.0	5
A	2AS-057	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-058	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	0.41	1.0	—
A	2AS-059	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2AS-060	½ inch	Asphalt	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.30	1.0	—
A	2CO-129	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2CO-130	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2CO-131	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2CO-177	½ inch	Concrete	2	2.2	*CB2*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2CO-504	½ inch	Concrete	2	2.2	*P24*	11-30-2004	04120055	12-07-2004	ND < 0.50	1.0	—
A	2GP-272	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.2	1.0	15
A	2GP-272	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	1.3–1.8	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	1.8–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-272	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-272	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-272	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-273	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	15
A	2GP-273	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-273	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-273	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-273	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-273	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-273	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-274	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	3.8	1.0	15
A	2GP-274 D	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	5, 15

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2GP-274	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-274	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-274	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-274	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-274	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-274	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-274 D	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	5
A	2GP-274	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.50	1.0	—
A	2GP-275	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	**2.6**	1.0	15
A	2GP-275	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-275	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-275	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-275	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-276	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	15
A	2GP-276	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	1.3–2.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	2.0–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	2.5–3.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-276	3.0–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-276	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-276	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.50	1.0	—
A	2GP-277	½ inch	Asphalt	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 1.1	1.0	15
A	2GP-277	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-277	1.3–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-277	2.5–2.8	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-277	2.8–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-277	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-277 D	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	5

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2GP-277	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.40	1.0	—
A	2GP-278	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-278	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-278	1.3–2.2	Soil	2	2.2	—	01-25-2007	07010594	01-28-2007	ND < 0.30	1.0	—
A	2GP-278	2.2–2.5	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-278	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.30	1.0	—
A	2GP-278	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-278	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.30	1.0	—
A	2GP-279	1.3–2.2	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.30	1.0	—
A	2GP-279	2.2–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.40	1.0	—
A	2GP-279	4.0–5.5	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-279	5.5–7.0	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-280	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-280	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.30	1.0	—
A	2GP-280	1.3–2.2	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.30	1.0	—
A	2GP-280	2.2–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.30	1.0	—
A	2GP-280	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	—
A	2GP-280 D	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-30-2007	ND < 0.40	1.0	5
A	2GP-280	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-280	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-281	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-281	0.3–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-281	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-281	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-281	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-282	0.0–0.3	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-282	0.3–1.3	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-282	1.3–1.6	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2GP-282	1.6–2.5	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-282	2.5–4.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.30	1.0	—
A	2GP-282	4.0–6.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2GP-282	6.0–8.0	Soil	2	2.2	—	01-25-2007	07010595	01-31-2007	ND < 0.40	1.0	—
A	2HA-241	0.0–0.3	Asphalt	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2HA-241	0.3–0.6	Soil	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2HA-242	0.0–0.3	Asphalt	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2HA-242	0.3–0.5	Soil	2	2.2	—	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	2TB-206	0.0–0.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	**3.0**	1.0	4
A	2TB-206	0.3–2.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-206	4.3–6.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	**1.44**	1.0	4
A	2TB-207	0.0–0.3	Asphalt	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-207	0.3–1.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-207	1.3–2.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-207	2.3–4.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	0.55	1.0	4
A	2TB-207	4.3–6.3	Soil	2	2.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	1.0	—
A	2TB-256	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-256	0.25–0.50	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-256	0.5–1.0	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-256	1.00–2.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-256	2.25–3.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-256	3.25–4.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-256	6.25–8.25	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-257	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-257	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-257	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-257	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-257 D	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-257	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-258	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-258	0.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2TB-258	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-258	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-259	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.60	1.0	—
A	2TB-259	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-259	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-259	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-259	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-260	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-260	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.30	1.0	—
A	2TB-260	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	0.30	1.0	—
A	2TB-260	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.40	1.0	—
A	2TB-260	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020567	02-28-2006	ND < 0.70	1.0	—
A	2TB-261	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-261	0.5–1.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-261	1.5–3.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-261	3.5–5.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-262	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	0.49	1.0	—
A	2TB-262	0.5–1.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-262	1.0–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	0.41	1.0	—
A	2TB-262 D	1.0–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	0.44	1.0	—
A	2TB-262	2.5–3.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-262	3.5–4.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 1.0	1.0	15
A	2TB-263	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	0.45	1.0	—
A	2TB-263	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-263	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-263	2.5–4.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-263	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.50	1.0	—
A	2TB-264	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-264	0.5–1.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-264	1.5–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-264	2.5–4.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	2TB-264	4.0–4.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-264	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.40	1.0	—
A	2TB-265	0.0–0.25	Asphalt	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-265	0.5–2.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.30	1.0	—
A	2TB-265	1.5–4.0	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.60	1.0	—
A	2TB-265	4.5–6.5	Soil	2	2.2	—	02-23-2006	06020568	02-28-2006	ND < 0.50	1.0	—
A	MW-07	7–9	Soil	2	2.2	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	MW-22	7–9	Soil	2	2.2	—	06-09-1998	CTL698180	06-19-1998	ND < 1.0	1.0	6
A	SS-BB	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-BB	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-CC	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-CC	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-D2	0.0–0.5	Soil	2	2.2	*Surge basin*	05-02-2001	01050164	05-04-2001	ND < 0.50	1.0	—
A	SS-DD	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-DD	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-EE	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	SS-EE	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-09	3–7	Soil	2	2.2	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-10	11–13	Soil	2	2.2	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-C	2–4	Soil	2	2.2	—	05-10-2001	01050514	05-15-2001	ND < 0.50	1.0	—
A	TB-CCCC	0.0–0.3	Asphalt	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	2.5–2.8	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	2.8–3.8	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	4.5–6.0	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-CCCC	10–12	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-D	2–4	Soil	2	2.2	—	05-11-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-DDDD	0.0–0.3	Asphalt	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	1.3–1.6	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	1.6–2.6	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	3.3–4.3	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	TB-DDDD	15–17	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-EEEE	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	1.5–1.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	1.8–2.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	3.8–5.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-EEEE	10–12	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-F	0–2	Soil	2	2.2	—	05-11-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-GGGG	0.0–0.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-GGGG	1–2	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-GGGG	2.3–4.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-HHHH	0.0–0.3	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-HHHH	1.3–2.3	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-HHHH	2.3–4.3	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-HHHH	5–6	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	1.5–1.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	1.8–2.8	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	3.5–5.0	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-JJJJ	5.0–5.5	Soil	2	2.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-KKKK	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	1.0–1.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	1.3–2.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	5–6	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-KKKK	5–6	Soil	2	2.2	—	04-02-2002	02040305	04-11-2002	ND < 0.50	1.0	5
A	TB-LLLL	0.0–0.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	0.3–0.6	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	0.6–1.6	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	3.3–4.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-LLLL	4.3–6.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-MMMM	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-MMMM	0.5–0.8	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-MMMM	0.8–1.8	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-MMMM	4.5–6.5	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	0.0–0.3	Asphalt	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	1.0–1.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	1.3–2.3	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-NNNN	4–5	Soil	2	2.2	—	04-04-2002	02040244a	04-09-2002	ND < 0.50	1.0	—
A	TB-OOOO	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-OOOO	2.0–2.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-OOOO	4–5	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	0.3–0.6	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	0.9–1.0	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-PPPP	2.3–4.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-QQQQ	0.0–0.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-QQQQ	0.3–2.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-QQQQ	2.3–4.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-R	5–7	Soil	2	2.2	—	05-15-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-RRRR	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-RRRR	1.0–1.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-RRRR	3.3–3.9	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-RRRR	3.9–4.0	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-SSSS	0.0–0.3	Asphalt	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-SSSS	2.2–2.5	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-SSSS	2.5–4.5	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-TTTT	0.0–0.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-TTTT	1.0–1.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-TTTT	2.3–4.3	Soil	2	2.2	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-ZZZ	0.0–0.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	0.3–1.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	2.3–4.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	4.3–6.3	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—
A	TB-ZZZ	10–12	Soil	2	2.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Former Coal Yard

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-ZZZ	15–16	Soil	2	2.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	1.0	—
A	CB-2	0.0–0.3	Sediment	2	2.2	*CB2*	05-10-2001	01050508	05-15-2001	**3.8**	1.0	—
A	CB-3	0.0–0.3	Sediment	2	2.2	*CB3*	05-10-2001	01050508	05-15-2001	ND < 0.50	1.0	—
A	2AS-056 EB	½ inch	Water	2	2.2	—	02-27-2007	07020595	02-28-2007	ND < 0.50	NA	—
A	2GP-274 EB	0.0–0.5	Water	2	2.2	—	02-13-2007	07020278	02-17-2007	ND < 0.50	NA	—
A	2GP-274 EB	NA	Water	2	2.2	—	01-25-2007	07010594	01-29-2007	ND < 0.50	NA	13
A	2GP-277 EB	NA	Water	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.50	NA	—
A	2GP-280 EB	NA	Water	2	2.2	—	01-25-2007	07010595	01-29-2007	ND < 0.50	NA	13
A	2TB-257 EB	2.5–4.5	Water	2	2.2	—	02-23-2006	06020568	03-01-2006	ND < 0.50	NA	—
A	2TB-262 EB	1.0–2.5	Water	2	2.2	—	02-23-2006	06020568	03-01-2006	ND < 0.50	NA	—

Table A3.1, page 1 of 1 Sampling and Analysis Data: Former Capacitor Bank Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3CO-178	½ inch	Concrete	3	3.1	*CP#3*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	3CO-179	½ inch	Concrete	3	3.1	*CP#3*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	Cap3-A	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	Cap3-B	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	Cap3-C	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	Cap3-D	½ inch	Concrete	3	3.1	*CP#3*	01-30-2002	02020002	02-04-2002	ND < 0.50	1.0	—
A	CS-4	(Scraping)	Concrete	3	3.1	*CP#3*	06-11-1998	CTL698248	06-23-1998	ND < 0.50	1.0	6
A	PCB-11	1	Soil	3	3.1	—	06-11-1998	CTL698248	06-23-1998	ND < 1.0	1.0	6
A	PCB-12	1	Soil	3	3.1	—	06-11-1998	CTL698248	06-23-1998	ND < 1.0	1.0	6
A	SS-PP	0.0–0.3	Soil	3	3.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	SS-PP	1.0–1.3	Soil	3	3.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—

Table A3.2, page 1 of 16 Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-234	0.0–0.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	0.3–1.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234 D	0.3–1.3	Soil	3	3.2	—	12-16-2004	04120611	12-27-2004	ND < 0.50	10.0	5
A	3GP-234	1.3–3.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	3.3–4.0	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	4–6	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-234	6–8	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-239	0.0–0.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-239	0.3–1.5	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	2.4	10.0	4
A	3GP-239	1.5–3.0	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	1.1	10.0	4
A	3GP-240	0.0–0.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-240	0.3–1.3	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	1.2	10.0	4
A	3GP-240	1.3–3.0	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	4.6	10.0	4
A	3GP-240	3–5	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	0.87	10.0	4
A	3GP-240	5–7	Soil	3	3.2	—	12-16-2004	04120609	12-21-2004	ND < 0.50	10.0	—
A	3GP-257	0.0–0.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	0.25–1.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	1.0–3.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	3.0–5.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-257	5.0–7.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.40	10.0	—
A	3GP-258	0.0–0.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	0.25–1.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	1.25–2.25	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	2.25–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-258	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.40	10.0	—
A	3GP-259	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.40	10.0	—
A	3GP-259	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-17-2007	ND < 0.30	10.0	—
A	3GP-259	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-17-2007	ND < 0.30	10.0	—
A	3GP-259	2.3–4.3	Soil	3	3.2	—	01-11-2007	07010304r	01-16-2007	ND < 0.30	10.0	—
A	3GP-259	4.3–6.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-259 D	4.3–6.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	5
A	3GP-259	6.3–8.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-260	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	0.65	10.0	4
A	3GP-260	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-260	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.60	10.0	—
A	3GP-261	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-261	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	0.44	10.0	4
A	3GP-262	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-262	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-262	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	5.8	10.0	7, 15
A	3GP-262	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	1.3	10.0	7
A	3GP-262	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	0.60	10.0	4
A	3GP-262	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-263	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-263 D	0.0–0.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	5
A	3GP-263	0.3–1.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-263	1.3–2.3	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-263	2.3–4.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.30	10.0	—
A	3GP-263	4.0–6.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-263	6.0–8.0	Soil	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.40	10.0	—
A	3GP-264	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	1.3–2.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	2.3–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-264	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-264	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-265	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-265	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	1.1	10.0	7
A	3GP-265	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	9.6	10.0	7, 14, 15
A	3GP-265	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-265	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-265	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	0.42	10.0	4
A	3GP-265	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-266	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-266 D	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	5
A	3GP-266	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-266	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	0.52	10.0	4
A	3GP-266	2.5–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	0.75	10.0	4
A	3GP-266	4.0–4.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	16
A	3GP-266	4.3–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-266	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-267	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-267	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	3.8	10.0	4, 15
A	3GP-267	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	5.6	10.0	4, 15
A	3GP-267	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	0.48	10.0	7
A	3GP-267	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-19-2007	ND < 0.30	10.0	—
A	3GP-267	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-267	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-268	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-268	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.30	10.0	—
A	3GP-268	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	0.74	10.0	4
A	3GP-268	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	—
A	3GP-268 D	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.40	10.0	5
A	3GP-269	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-269	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-269	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-269	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-270	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-270	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	3.2	10.0	4, 15
A	3GP-270	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	2.5	10.0	4
A	3GP-270	2.5–4.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-270	4.0–4.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-270	4.3–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-270	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-271	0.0–0.3	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.30	10.0	—
A	3GP-271	0.3–1.3	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	2.9	10.0	4, 15
A	3GP-271	1.3–2.5	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	2.2	10.0	4
A	3GP-271	2.5–2.8	Soil	3	3.2	—	01-12-2007	07010327r	01-22-2007	ND < 0.30	10.0	—
A	3GP-271	2.8–4.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-271	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	—
A	3GP-271 **D**	4.0–6.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.40	10.0	5
A	3GP-271	6.0–8.0	Soil	3	3.2	—	01-12-2007	07010327r	01-19-2007	ND < 0.50	10.0	—
A	3GP-283	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283 **D**	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	5
A	3GP-283	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-283	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—
A	3GP-283	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—
A	3GP-284	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-284	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-284	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.40	10.0	—
A	3GP-285	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-285	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-285	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-285	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-286	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	0.32	10.0	7
A	3GP-286	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-286	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-286 D	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	0.58	10.0	4, 5
A	3GP-286	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-286	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-286	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-287	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	01-31-2007	ND < 0.30	10.0	—
A	3GP-287	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-287	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-287	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-287	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.50	10.0	—
A	3GP-287	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.40	10.0	—
A	3GP-288	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-288	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-288	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-01-2007	ND < 0.30	10.0	—
A	3GP-288	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.30	10.0	—
A	3GP-288	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-288	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-288	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.30	10.0	—
A	3GP-289	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	0.47	10.0	7
A	3GP-289	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	5.7	10.0	7, 15

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-289	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	4.4	10.0	7, 15
A	3GP-289	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-289 D	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	0.54	10.0	5, 7
A	3GP-289	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-289	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-289	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010666	02-02-2007	ND < 0.40	10.0	—
A	3GP-290	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-290	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-290	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	1.6	10.0	7
A	3GP-290	2.5–3.7	Soil	3	3.2	—	01-29-2007	07010667	02-03-2007	7.2	10.0	7, 15
A	3GP-290	3.7–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-290	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-290	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-291	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-291	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-291	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	0.87	10.0	7
A	3GP-291	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	1.2	10.0	7
A	3GP-291	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-291	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-292	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292 D	2.5–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	5
A	3GP-292	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-292	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—
A	3GP-293	0.0–0.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-293	0.3–1.3	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-293	1.3–2.5	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	3.1	10.0	7, 15
A	3GP-293	2.5–2.8	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.30	10.0	—
A	3GP-293	2.8–4.0	Soil	3	3.2	—	01-29-2007	07010667	02-05-2007	ND < 0.30	10.0	—
A	3GP-293	4.0–6.0	Soil	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-293	6.0–8.0	Soil	3	3.2	—	01-29-2007	07010667	02-06-2007	ND < 0.40	10.0	—
A	3GP-294	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-294	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	3.2	10.0	7, 15
A	3GP-294	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.9	10.0	7
A	3GP-294	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-294	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-294	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-294	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-295	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.0	10.0	7
A	3GP-295	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	0.41	10.0	7
A	3GP-295	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.6	10.0	7
A	3GP-295	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	—
A	3GP-295 D	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.30	10.0	5
A	3GP-295	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-295	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-295	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	ND < 0.40	10.0	—
A	3GP-296	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.0	10.0	7
A	3GP-296	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	1.4	10.0	7
A	3GP-296	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	0.95	10.0	7
A	3GP-296	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-08-2007	2.3	10.0	7
A	3GP-296	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-296	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.40	10.0	—
A	3GP-296	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.40	10.0	—
A	3GP-297	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-297	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	4.7	10.0	7
A	3GP-297	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	4.2	10.0	7
A	3GP-297	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-297	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-297	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-297	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-298	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-298	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298 D	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	5
A	3GP-298	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-298	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-298	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.40	10.0	—
A	3GP-299	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-07-2007	ND < 0.30	10.0	—
A	3GP-299	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	0.30	10.0	7
A	3GP-299	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-299	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	0.42	10.0	7
A	3GP-299	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-299	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.40	10.0	—
A	3GP-299	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.40	10.0	—
A	3GP-300	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-300	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.40	10.0	—
A	3GP-300	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	0.79	10.0	7
A	3GP-300	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-300	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010698r	02-06-2007	ND < 0.30	10.0	—
A	3GP-301	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010698r	02-05-2007	ND < 0.30	10.0	—
A	3GP-301	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	2.6	10.0	7, 15
A	3GP-301	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	4.8	10.0	7, 15
A	3GP-301	2.5–3.7	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-301 D	2.5–3.7	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	5
A	3GP-301	3.7–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-301	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-301	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-302	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-302	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-302	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	3.4	10.0	7
A	3GP-302	2.5–3.7	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-302	3.7–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.30	10.0	—
A	3GP-302	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-302	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-06-2007	ND < 0.40	10.0	—
A	3GP-303	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	7
A	3GP-303	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	0.86	10.0	—
A	3GP-303	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-303	2.5–2.8	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	1.4	10.0	7
A	3GP-303	2.8–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-303	4.0–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-303	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-304	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-304	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-304	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-304 D	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	5
A	3GP-304	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	0.35	10.0	7
A	3GP-304	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-304	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-304	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.40	10.0	—
A	3GP-305	0.0–0.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-305	0.3–1.3	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-305	1.3–2.5	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	ND < 0.30	10.0	—
A	3GP-305	2.5–4.0	Soil	3	3.2	—	01-30-2007	07010699	02-07-2007	0.49	10.0	4
A	3GP-305	4.0–4.3	Soil	3	3.2	—	01-30-2007	07010699	02-08-2007	ND < 0.30	10.0	—
A	3GP-305	4.3–6.0	Soil	3	3.2	—	01-30-2007	07010699	02-08-2007	ND < 0.40	10.0	—
A	3GP-305	6.0–8.0	Soil	3	3.2	—	01-30-2007	07010699	02-08-2007	ND < 0.40	10.0	—
A	3GP-306	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.30	10.0	—
A	3GP-306	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	3.0	10.0	4, 15
A	3GP-306	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	1.1	10.0	4
A	3GP-306	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	0.64	10.0	7
A	3GP-306	4.0–4.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.30	10.0	—
A	3GP-306	4.3–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	—
A	3GP-306	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	—
A	3GP-307	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.30	10.0	—
A	3GP-307	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-307 **D**	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-08-2007	ND < 0.40	10.0	5
A	3GP-307	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	1.5	10.0	4
A	3GP-307	2.5–3.7	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	1.3	10.0	4
A	3GP-307	3.7–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-307	4.0–5.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-307	5.0–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-09-2007	ND < 0.40	10.0	—
A	3GP-307	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.40	10.0	—
A	3GP-308	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-308	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	0.93	10.0	4
A	3GP-308	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-308	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-308	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.40	10.0	—
A	3GP-308	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	0.66	10.0	7
A	3GP-309	4.0–4.3	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	4.3–5.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.30	10.0	—
A	3GP-309	5.0–6.0	Soil	3	3.2	—	01-31-2007	07020030	02-10-2007	ND < 0.40	10.0	—
A	3GP-309	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.40	10.0	—
A	3GP-309 **D**	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	5
A	3GP-310	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	2.5–2.8	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	2.8–4.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-310	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.40	10.0	—
A	3GP-310	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.40	10.0	—
A	3GP-311	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020031	02-10-2007	ND < 0.30	10.0	—
A	3GP-311	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-311	1.3–1.6	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-311	1.6–2.5	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-311	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3GP-311	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3GP-312	0.0–0.3	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	0.3–1.3	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	1.3–2.5	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	2.5–4.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.30	10.0	—
A	3GP-312	4.0–6.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3GP-312	6.0–8.0	Soil	3	3.2	—	01-31-2007	07020031	02-07-2007	ND < 0.40	10.0	—
A	3HA-191	0.5–0.6	Soil	3	3.2	—	11-17-2004	04110658	11-29-2004	ND < 0.50	10.0	—
A	3TB-092	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	0.3–1.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	1.3–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	2.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-092	4.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	1.5	10.0	4
A	3TB-093	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-093	0.5–0.8	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-093	0.8–1.8	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	0.81	10.0	7
A	3TB-093	2.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-093	4.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-094	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-094	0.3–1.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	5.0	10.0	4
A	3TB-094	1.3–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	5.7	10.0	4
A	3TB-094	2.3–2.6	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	4.8	10.0	4
A	3TB-094 D	2.3–2.6	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	2.1	10.0	4, 5
A	3TB-094	2.6–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	**14**	10.0	3, 4
A	3TB-094	3–4	Soil	3	3.2	—	01-12-2007	07010325r	01-18-2007	ND < 0.30	10.0	—
A	3TB-094	4–5	Soil	3	3.2	—	01-12-2007	07010325r	01-18-2007	ND < 0.40	10.0	—
A	3TB-094	6.0–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-095	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	0.52	10.0	4
A	3TB-095	0.3–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	4.2	10.0	3, 7
A	3TB-095	2.3–3.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	4.6	10.0	3, 7

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3TB-095	3.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-095	4.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-096	0.0–0.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-096	0.3–2.0	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	1.3	10.0	3, 7
A	3TB-096	2.0–2.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	3.3	10.0	3, 7
A	3TB-096	2.3–3.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 1.0	10.0	3
A	3TB-096	3.3–4.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-096	4.3–5.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 1.0	10.0	3
A	3TB-096	5.3–6.3	Soil	3	3.2	—	09-09-2004	04090341	09-17-2004	ND < 0.50	10.0	—
A	3TB-196	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-196	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.57	10.0	4
A	3TB-196	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	3.2	10.0	4
A	3TB-196	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-196	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-197	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	2.31	10.0	4
A	3TB-197	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-197	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.6	10.0	4
A	3TB-197	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 1.0	10.0	3
A	3TB-197 D	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 1.0	10.0	3, 5
A	3TB-197	4.3–5.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 1.0	10.0	3
A	3TB-197	5.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-198	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-198	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	7.4	10.0	4
A	3TB-198	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-198	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.2	10.0	3, 4
A	3TB-198	4.3–5.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-198	5.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-199	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	0.74	10.0	8
A	3TB-199	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	3.5	10.0	4
A	3TB-199	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.58	10.0	4
A	3TB-199	2.3–3.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.54	10.0	4
A	3TB-199	4.0–5.0	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3TB-199	5.0–6.0	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-200	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-200	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	2.81	10.0	4
A	3TB-200	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	5.3	10.0	4
A	3TB-200	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-200	4.3–5.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-200	5.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	1.2	10.0	4
A	3TB-201	0.0–0.3	Stone	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	8
A	3TB-201	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	4.4	10.0	4
A	3TB-201 **D**	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	5.6	10.0	4, 5
A	3TB-201	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	8.1	10.0	4
A	3TB-201	2.3–3.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	6.8	10.0	4
A	3TB-201	3.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.53	10.0	4
A	3TB-201	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.53	10.0	4
A	3TB-202	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-202	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	0.95	10.0	4
A	3TB-203	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-203	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-203	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110779	12-01-2004	ND < 0.50	10.0	—
A	3TB-203	2.3–4.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	2.1	10.0	4
A	3TB-203	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	**17**	10.0	3, 4
A	3TB-204	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	2.3–3.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	3.3–4.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-204 **D**	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	5
A	3TB-205	0.0–0.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3TB-205	0.3–1.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-205	1.3–2.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	3TB-205	4.3–6.3	Soil	3	3.2	—	11-18-2004	04110780	12-03-2004	ND < 0.50	10.0	—
A	GP-30	0–2	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-30	2–4	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-30	4–6	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	3.8	10.0	11
A	GP-30	6–8	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	5.4	10.0	11
A	GP-30	8–10	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-30	10–12	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-26-1999	ND	10.0	11
A	GP-33	0–2	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	2–4	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	4–6	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	6–8	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	8–10	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-33	10–11	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-35	0–2	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-35	2–4	Soil	3	3.2	—	04-22-1999	UI, July 1999	04-29-1999	ND	10.0	11
A	GP-40	0–2	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-40	2–4	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-40	4–6	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-40	6–8	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-05-1999	ND	10.0	11
A	GP-41	0–2	Soil	3	3.2	—	04-23-1999	UI, July 1999	04-30-1999	ND	10.0	11
A	GP-41	2–4	Soil	3	3.2	—	04-23-1999	UI, July 1999	04-30-1999	ND	10.0	11
A	GP-41	4–6	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-03-1999	ND	10.0	11
A	GP-41	6–8	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-03-1999	ND	10.0	11
A	GP-41	8–10	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	GP-41	10–12	Soil	3	3.2	—	04-23-1999	UI, July 1999	05-04-1999	ND	10.0	11
A	MW-06	5–9	Soil	3	3.2	—	06-09-1998	CTL698180	06-19-1998	ND < 1.0	10.0	6
A	MW-50	0–2	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	MW-50	2–4	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	MW-50	4–6	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	1.4	10.0	11
A	MW-50	8–10	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11

Sampling and Analysis Data: Former Coal Yard—Southwest Corner

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	MW-50	10–12	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	MW-51	0–2	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-25-1999	ND	10.0	11
A	MW-51	2–4	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-25-1999	ND	10.0	11
A	MW-51	4–6	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	ND	10.0	11
A	MW-51	6–8	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	1.7	10.0	11
A	MW-51	8–10	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	ND	10.0	11
A	MW-51	10–12	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-26-1999	ND	10.0	11
A	MW-52	4–6	Soil	3	3.2	—	10-12-1999	UI, March 2000	10-27-1999	ND	10.0	11
A	SS-D1	0.0–1.0	Soil	3	3.2	—	05-02-2001	01050164	05-04-2001	ND < 0.50	10.0	—
A	TB-AAAA	0.0–0.3	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	0.3–1.3	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	2.5–3.0	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	4–6	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-AAAA	15–17	Soil	3	3.2	—	04-03-2002	02040165	04-08-2002	ND < 0.50	10.0	—
A	TB-BBBB	0.0–0.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	0.3–1.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	2.3–4.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	4.3–6.3	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	10–12	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-BBBB	15–17	Soil	3	3.2	—	04-03-2002	02040166	04-06-2002	ND < 0.50	10.0	—
A	TB-IIII	0.0–0.3	Soil	3	3.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	10.0	—
A	TB-IIII	0.3–1.3	Soil	3	3.2	—	04-04-2002	02040244	04-08-2002	1.9	10.0	4
A	TB-IIII	4.3–6.3	Soil	3	3.2	—	04-04-2002	02040244	04-08-2002	ND < 0.50	10.0	—
A	TB-S	0–1	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	TB-S	2.0–3.3	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	TB-S	5–7	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	TB-S	10–12	Soil	3	3.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	10.0	—
A	3GP-234 EB	0.3–1.3	Water	3	3.2	—	12-16-2004	04120611	12-23-2004	ND < 0.50	NA	—
A	3GP-259 EB	NA	Water	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.50	NA	—
A	3GP-263 EB	NA	Water	3	3.2	—	01-11-2007	07010304r	01-18-2007	ND < 0.50	NA	—
A	3GP-267 EB	NA	Water	3	3.2	—	01-12-2007	07010326r2	01-18-2007	ND < 0.50	NA	—
A	3GP-268 EB	NA	Water	3	3.2	—	01-12-2007	07010327r	01-18-2007	ND < 0.50	NA	—

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Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	3GP-271 EB	NA	Water	3	3.2	—	01-12-2007	07010327r	01-18-2007	ND < 0.50	NA	—
A	3GP-283 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	—
A	3GP-286 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	13
A	3GP-289 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	—
A	3GP-292 EB	NA	Water	3	3.2	—	01-29-2007	07010667	02-02-2007	ND < 0.50	NA	—
A	3GP-295 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	13
A	3GP-298 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	—
A	3GP-301 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	13
A	3GP-305 EB	NA	Water	3	3.2	—	01-30-2007	07010699	02-02-2007	ND < 0.50	NA	13
A	3GP-307 EB	NA	Water	3	3.2	—	01-31-2007	07020030	02-05-2007	ND < 0.50	NA	13
A	3GP-309 EB	NA	Water	3	3.2	—	01-31-2007	07020031	02-05-2007	ND < 0.50	NA	—
A	3TB-094 EB	2.3–2.6	Water	3	3.2	—	09-09-2004	04090341	09-13-2004	ND < 0.50	NA	—
A	3TB-197 EB	2.3–4.3	Water	3	3.2	—	11-18-2004	04110780	12-01-2004	ND < 0.50	NA	—
A	3TB-201 EB	0.3–1.3	Water	3	3.2	—	11-18-2004	04110780	12-01-2004	ND < 0.50	NA	—
A	3TB-204 EB	4.3–6.3	Water	3	3.2	—	11-18-2004	04110780	12-01-2004	ND < 0.50	NA	—

Sampling and Analysis Data: Station B Yard Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	6AS-001	½ inch	Asphalt	6	6.1	*EN01*	08-26-2004	04080838r3	08-30-2004	ND < 0.50	1.0	—
A	6AS-001 **D**	½ inch	Asphalt	6	6.1	*EN01*	08-26-2004	04080838r3	08-30-2004	ND < 0.50	1.0	5
A	6CO-065	½ inch	Concrete	6	6.1	*EN01*	08-26-2004	04080838r3	08-30-2004	ND < 0.50	1.0	—
A	6CO-176	½ inch	Concrete	6	6.1	*CB1*	12-16-2004	04120627	12-28-2004	ND < 0.50	1.0	—
A	AOC2-CS2	0–2	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS2	2–4	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS2	5–7	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	0.0–0.25	Asphalt	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	0.25–2.0	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	2–4	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	AOC2-CS6	5–7	Soil	6	6.1	—	03-12-2002	02030429	03-14-2002	ND < 0.50	1.0	—
A	MW-02	13–17	Soil	6	6.1	—	06-02-1998	CTL698057	06-10-1998	ND < 1.0	1.0	6
A	MW-03	15–17	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-01	7–8	Soil	6	6.1	—	06-02-1998	CTL698057	06-10-1998	ND < 1.0	1.0	6
A	TB-05	4–6	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-06	1–7	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-07	5	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-07A	7–9	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-08A	1–3	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-08B	9–11	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-08B	15–17	Soil	6	6.1	—	06-04-1998	CTL698067	06-12-1998	ND < 1.0	1.0	6
A	TB-AAAAA	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-AAAAA	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-BBBBB	4.5–5.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-CCCCC	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-CCCCC	2–4	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-CCCCC	4–5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-DDDDD	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—

Sampling and Analysis Data: Station B Yard Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-DDDDD	0.5–0.8	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-EEEEE	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-EEEEE	0.3–2.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-EEEEE	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-FFFF	0.0–0.3	Asphalt	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFF	0.5–0.8	Soil	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFF	2.5–3.5	Soil	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFF	3.5–4.5	Soil	6	6.1	—	04-04-2002	02040244	04-08-2002	ND < 0.50	1.0	—
A	TB-FFFFF	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-FFFFF	0.5–0.8	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-GGGGG	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-GGGGG	0.5–1.2	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-HHHHH	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-HHHHH	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-HHHHH	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-I	2–4	Soil	6	6.1	—	05-14-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-IIIII	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-J	2–4	Soil	6	6.1	—	05-14-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-JJJJJ	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-JJJJJ	0.3–2.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-JJJJJ	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-KKKKK	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-KKKKK	1–2	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-KKKKK	4–5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-L	2–4	Soil	6	6.1	—	05-14-2001	01050751	05-18-2001	ND < 0.50	1.0	—
A	TB-UUUU	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-UUUU	1.2–1.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-UUUU	5–7	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-VVVV	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-VVVV	0.5–2.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-VVVV	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—

Table A6.1, page 3 of 3 Sampling and Analysis Data: Station B Yard Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-WWWW	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-WWWW	2.2–2.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-WWWW	2.5–4.5	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-XXXX	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-XXXX	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-XXXX	4.3–6.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	0.0–0.3	Asphalt	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	2.0–2.3	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	2.5–3.0	Soil	6	6.1	—	04-05-2002	02040301	04-11-2002	ND < 0.50	1.0	—
A	TB-YYYY	3–5	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-YYYY	5–7	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-ZZZZ	0.0–0.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-ZZZZ	0.3–2.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	TB-ZZZZ	2.3–4.3	Soil	6	6.1	—	04-05-2002	02040302	04-10-2002	ND < 0.50	1.0	—
A	6HX-007	NA	Hexane	6	6.1	*EN01*	08-26-2004	04080838r3	09-01-2004	ND < 10	10.0	10
A	6HX-007 D	NA	Hexane	6	6.1	*EN01*	08-26-2004	04080838r3	09-01-2004	ND < 10	10.0	5, 10
A	Field Blank 2	NA	Hexane	6	6.1	*EN01*	08-26-2004	04080838r3	09-01-2004	ND < 5.0	NA	—
A	CB-1	0.0–0.8	Sediment	6	6.1	*CB1*	05-10-2001	01050508	05-15-2001	ND < 0.50	1.0	—
A	EB-06	NA	Water	6	6.1	*EN01*	08-26-2004	04080838r3	08-31-2004	ND < 12	NA	9

Sampling and Analysis Data: East Drive Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	MW-04D	36–40	Soil	6	6.2	—	06-10-1998	CTL698208	06-18-1998	ND < 1.0	1.0	6
A	MW-05	2–4	Soil	6	6.2	—	05-26-1998	CTL598435	06-07-1998	ND < 1.0	1.0	6
A	MW-09A	0–2	Soil	6	6.2	—	05-26-1998	CTL598435	06-07-1998	ND < 1.0	1.0	6
A	TB-II	5–7	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-MM	2–4	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-OOO	0.0–0.3	Asphalt	6	6.2	—	04-01-2002	02040044	04-02-2002	ND < 0.50	1.0	—
A	TB-OOO	0.3–1.3	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-OOO	3.0–3.5	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-OOO	4–6	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	0.0–0.3	Asphalt	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	0.3–2.3	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	2.5–3.0	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	3.5–4.0	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-PPP	4.3–6.3	Soil	6	6.2	—	04-01-2002	02040045	04-03-2002	ND < 0.50	1.0	—
A	TB-QQ	0–2	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-QQ	10–12	Soil	6	6.2	—	02-08-2002	02020321	02-14-2002	ND < 0.50	1.0	—
A	TB-SSS	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-SSS	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-SSS	2.6–4.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-SSS	6.6–8.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	0.6–2.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-TTT	4.6–6.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	4.6–6.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-UUU	15–17	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	0.3–0.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	2.0–2.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—

Table A6.2, page 2 of 2 Sampling and Analysis Data: East Drive Area

Plate	Sample Point	Depth (feet)	Sample Matrix	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Laboratory Report	Analysis Date	Analysis Result	Cleanup Criterion	Notes
A	TB-VVV	2.6–4.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-VVV	4.6–6.6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-W	2–4	Soil	6	6.2	—	05-15-2001	01050752	05-18-2001	ND < 0.50	1.0	—
A	TB-WWW	0.0–0.3	Asphalt	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	0.3–2.0	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	2–4	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	4–6	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—
A	TB-WWW	20–22	Soil	6	6.2	—	04-02-2002	02040117	04-05-2002	ND < 0.50	1.0	—

Data Table for Figure 3

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1CO-608	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	ND < 0.30	1.0
1CO-609	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	0.41	1.0
1CO-610	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	ND < 0.30	1.0
1CO-611	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.83	1.0
1CO-612	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.43	1.0
1CO-613	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 23, 2008	ND < 0.30	1.0
1CO-614	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-615	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.69	1.0
1CO-616	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-617	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-618	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-619	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-620	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.76	1.0
1CO-621	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.94	1.0
1CO-622	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.37	1.0
1CO-623	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.72	1.0
1CO-624	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.34	1.0
1CO-625	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	ND < 0.30	1.0
1CO-626	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-627	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-627	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-628	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	0.55	1.0
1CO-629	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-630	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-631	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-632	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.85	1.0
1CO-633	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-634	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-635	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-636	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	ND < 0.30	1.0
1CO-637	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 25, 2008	0.37	1.0
1CO-638	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	ND < 0.30	1.0
1CO-639	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-640	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-641	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-642	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-643	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 24, 2008	ND < 0.30	1.0
1CO-644	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	0.32	1.0
1CO-645	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	ND < 0.30	1.0
1CO-646	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020440	Feb 26, 2008	1.48	1.0

Data Table for Figure 3 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1CO-647	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.6	1.0
1CO-647	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.6	1.0
1CO-648	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.40	1.0
1CO-649	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.07	1.0
1CO-650	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	0.32	1.0
1CO-651	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.37	1.0
1CO-652	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.23	1.0
1CO-653	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.42	1.0
1CO-654	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.00	1.0
1CO-655	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.81	1.0
1CO-656	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
1CO-657	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.74	1.0
1CO-658	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-659	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
1CO-660	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.89	1.0
1CO-661	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.80	1.0
1CO-662	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
1CO-663	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-664	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.81	1.0
1CO-665	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	0.43	1.0
1CO-666	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.51	1.0
1CO-667	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.50	1.0
1CO-667	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.41	1.0
1CO-668	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-669	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	2.1	1.0
1CO-670	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	0.46	1.0
1CO-671	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.08	1.0
1CO-672	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	1.23	1.0
1CO-673	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 26, 2008	ND < 0.30	1.0
1CO-674	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.47	1.0
1CO-675	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	1.26	1.0
1CO-676	½ inch	Concrete	1.1	First floor	Feb 20, 2008	08020441	Feb 27, 2008	ND < 0.30	1.0
BW-606	NA	Water	1.1	First floor	Feb 20, 2008	08020441	Feb 25, 2008	< 0.50 ug/l	NA
BW-607	NA	Water	1.1	First floor	Feb 20, 2008	08020441	Feb 25, 2008	< 0.50 ug/l	NA
BW-608	NA	Water	1.1	First floor	Feb 20, 2008	08020441	Feb 25, 2008	< 0.50 ug/l	NA
1CO-677	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-678	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-679	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-680	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	1.17	1.0
1CO-681	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	4.5	1.0

Data Table for Figure 3 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1CO-682	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	6.1	1.0
1CO-683	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.98	1.0
1CO-684	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.39	1.0
1CO-685	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.57	1.0
1CO-686	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-687	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-687	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-688	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.93	1.0
1CO-689	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	1.76	1.0
1CO-690	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	2.3	1.0
1CO-691	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 10, 2008	4.4	1.0
1CO-692	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.70	1.0
1CO-693	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-694	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	ND < 0.30	1.0
1CO-695	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-696	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	1.1	1.0
1CO-697	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	16,000	1.0
1CO-698	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	3.2	1.0
1CO-699	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	1.2	1.0
1CO-700	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-701	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	ND < 0.30	1.0
1CO-702	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	0.36	1.0
1CO-703	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	0.36	1.0
1CO-703	½ inch	Concrete	1.1	First floor	Feb 25, 2008	08020603	Mar 03, 2008	0.38	1.0
BW-609	NA	Water	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	< 0.50 ug/l	NA
BW-610	NA	Water	1.1	First floor	Feb 25, 2008	08020603	Mar 04, 2008	< 0.50 ug/l	NA
1XX-606	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.30	1.0
1XX-607	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.30	1.0
1XX-608	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-609	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-610	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-611	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-612	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-613	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-614	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-615	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-615	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1 0
1XX-616	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-617	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-618	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0

Data Table for Figure 3 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
1XX-619	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-620	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-621	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-622	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-623	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
1XX-624	½ inch	Wood	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	ND < 0.50	1.0
BW-611	NA	Water	1.1	First floor	Feb 25, 2008	08020604	Mar 11, 2008	< 0.50 ug/l	NA

Hexane Wipe Samples of Steel Floor Girders

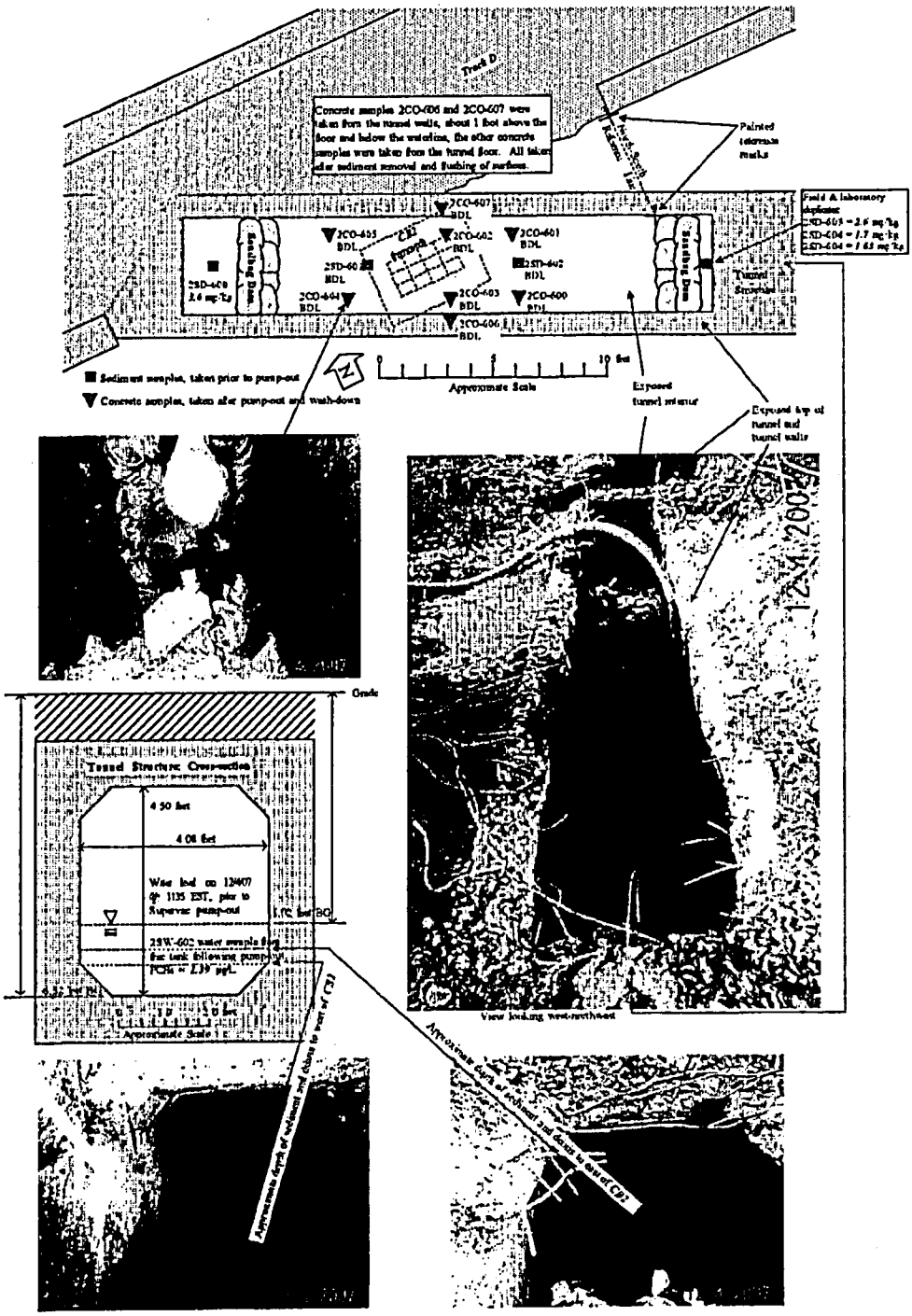
Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (ug/100 sq cm)	Cleanup Criterion (ug/100 sq cm)
1HX-600	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-601	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-602	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-603	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-604	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-605	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-606	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-607	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-608	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-609	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-610	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-611	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-612	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-613	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-614	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-615	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-616	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-617	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-618	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-619	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-620	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-621	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-622	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-623	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-624	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-625	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-626	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	2.3	10.0
1HX-627	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	7.9	10.0

Data Table for Figure 3 (cont)

Hexane Wipe Samples of Steel Floor Girders

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (ug/100 sq cm)	Cleanup Criterion (ug/100 sq cm)
1HX-628	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-629	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-630	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 18, 2008	ND < 5.0	10.0
1HX-631	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-632	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-633	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-634	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-635	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 14, 2008	ND < 5.0	10.0
1HX-636	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-637	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-638	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-639	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-640	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-641	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-642	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	10.0
1HX-643	NA	Hexane	1.1	Girder	Feb 29, 2008	08030008	Mar 15, 2008	ND < 5.0	NA

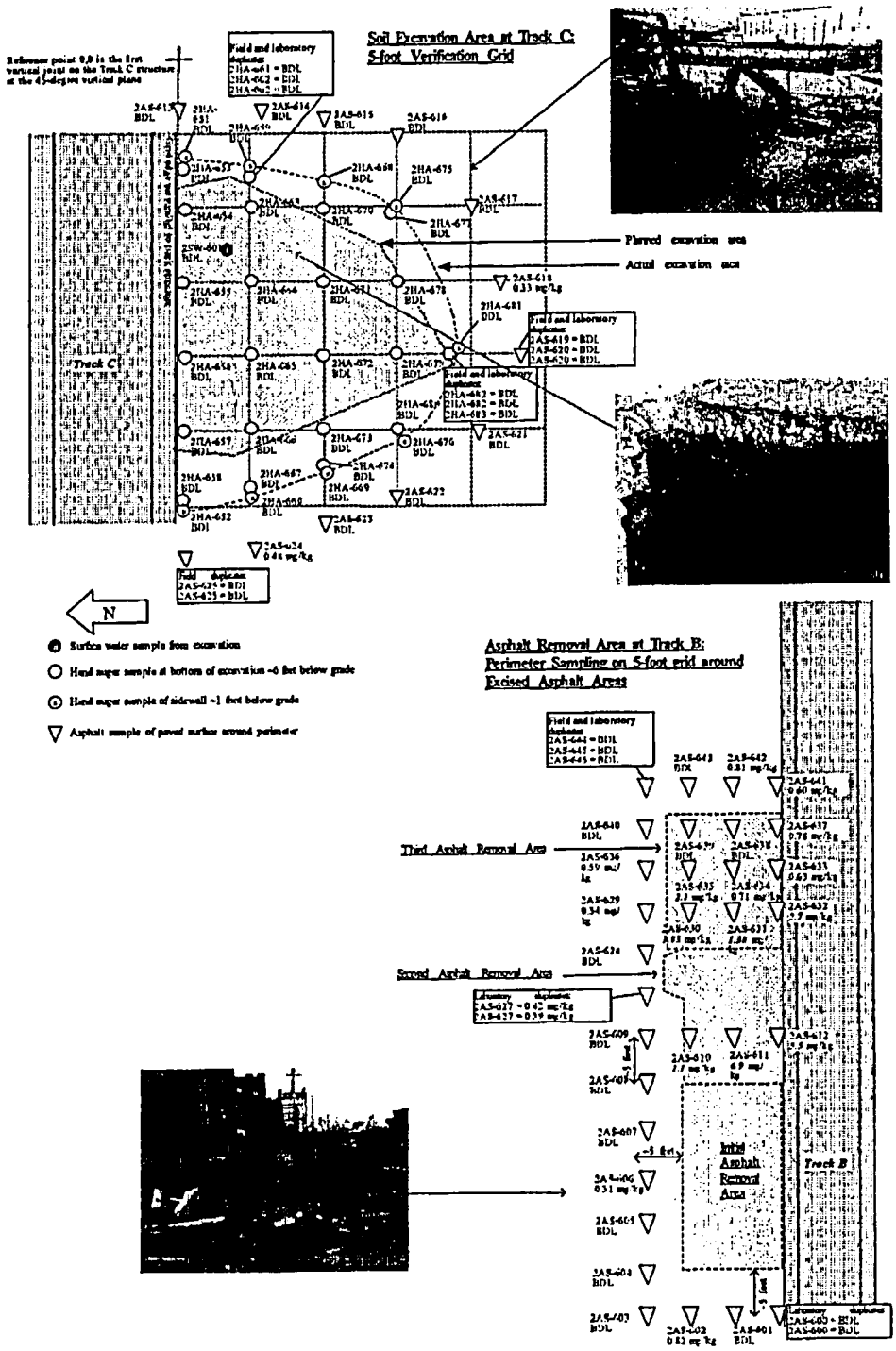
Figure 4
COOLING WATER DISCHARGE TUNNEL: CLEANUP STATUS
(compare to Plan Figure A2.2c)



Data Table for Figure 4

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2SW-602	Surface	Water	2.2	Frac tank	Dec 07, 2007	07120202	Dec 10, 2007	1.39 ug/l	NA
2SD-600	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	3.6	1.0
2SD-601	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	ND < 0.80	1.0
2SD-602	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	ND < 1.0	1.0
2SD-603	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	2.6	1.0
2SD-604	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	1.7	1.0
2SD-604	0–4 in	Sediment	2.2	Tunnel	Dec 04, 2007	07120140	Dec 07, 2007	1.63	1.0
2CO-600	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.50	1.0
2CO-601	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0
2CO-602	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0
2CO-603	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.40	1.0
2CO-604	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.40	1.0
2CO-605	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.40	1.0
2CO-606	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0
2CO-607	½ inch	Concrete	2.2	Tunnel	Dec 04, 2007	07120141	Dec 07, 2007	ND < 0.30	1.0

Figure 5
CENTRAL COAL YARD: EXCAVATION CLEANUP STATUS
(compare to Plan Figure A2.2b)



Data Table for Figure 5

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2BW-601	NA	Water	2.2	@ Track B	Nov 29, 2007	07120018	Dec 06, 2007	ND < 0.50	NA
2AS-600	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.40	1.0
2AS-600	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.30	1.0
2AS-601	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-602	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	0.82	1.0
2AS-603	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-604	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-605	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-606	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	0.31	1.0
2AS-607	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-608	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-609	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-610	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	1.1	1.0
2AS-611	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	6.9	1.0
2AS-612	~1 inch	Asphalt	2.2	@ Track B	Nov 29, 2007	07120019	Dec 05, 2007	3.5	1.0
2AS-627	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	0.42	1.0
2AS-627	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	0.39	1.0
2AS-628	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	ND < 0.30	1.0
2AS-629	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	0.34	1.0
2AS-630	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	1.03	1.0
2AS-631	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 13, 2007	1.5	1.0
2AS-632	~1 inch	Asphalt	2.2	@ Track B	Dec 11, 2007	07120299	Dec 14, 2007	2.7	1.0
2BW-605	NA	Water	2.2	@ Track B	Dec 11, 2007	07120299	Dec 14, 2007	< 0.50 ug/l	NA
2AS-633	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.63	1.0
2AS-634	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.71	1.0
2AS-635	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	1.1	1.0
2AS-636	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.59	1.0
2AS-637	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.78	1.0
2AS-638	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-639	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-640	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-641	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.60	1.0
2AS-642	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	0.81	1.0
2AS-643	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 28, 2007	ND < 0.30	1.0
2AS-644	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-645	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2AS-645	~1 inch	Asphalt	2.2	@ Track B	Dec 21, 2007	07120612	Dec 27, 2007	ND < 0.30	1.0
2HA-651	1-1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-652	1-1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0

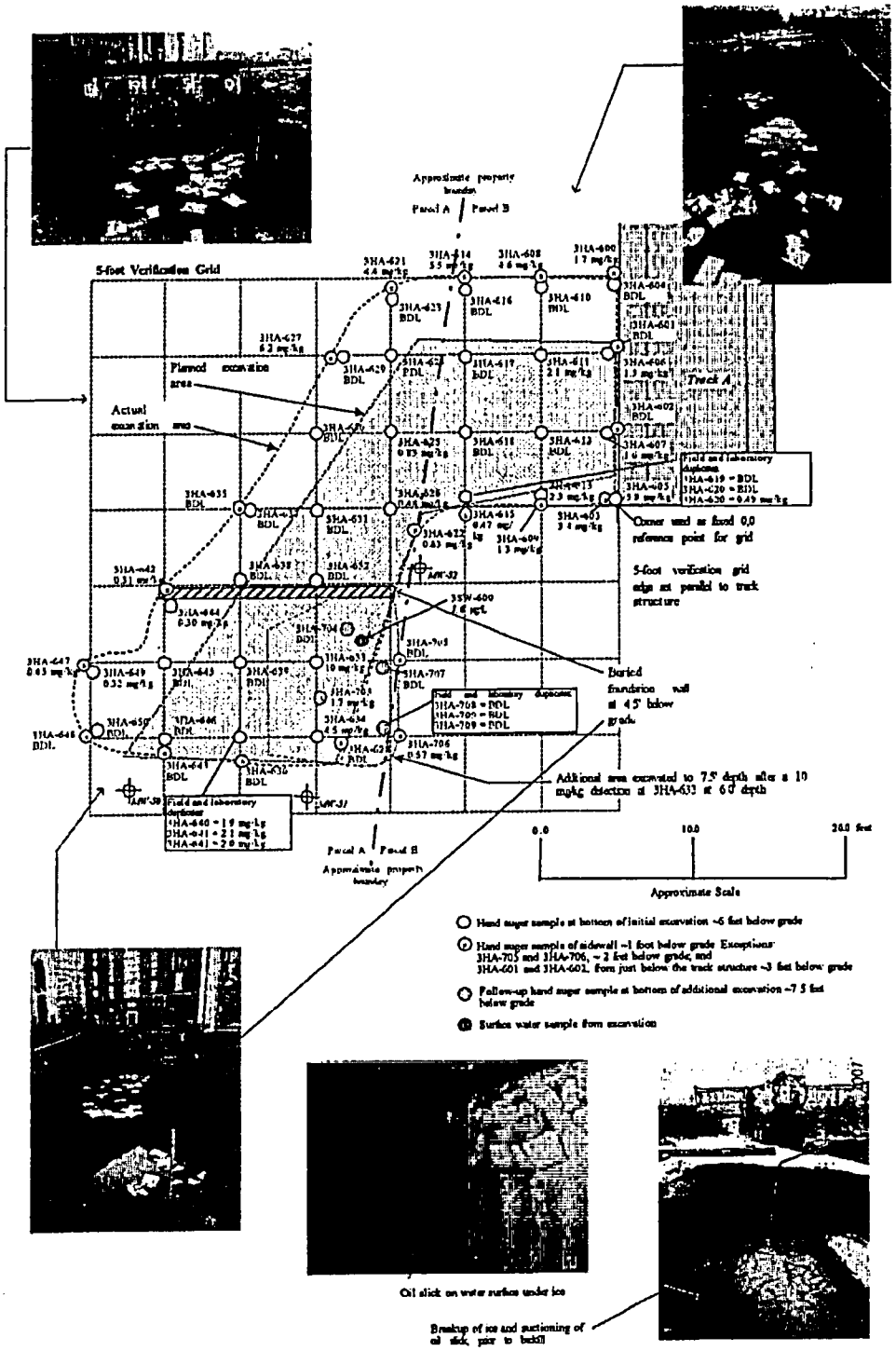
Data Table for Figure 5 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2HA-653	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.40	1.0
2HA-654	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.40	1.0
2HA-655	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-656	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-657	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	1.0
2HA-658	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-659	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-660	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-661	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-662	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-662	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-663	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-664	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-665	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-666	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-667	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.50	1.0
2HA-668	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-669	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.30	1.0
2HA-670	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-671	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-672	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-673	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-674	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2HA-675	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.30	1.0
2HA-676	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.30	1.0
2HA-677	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-678	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 05, 2007	ND < 0.40	1.0
2HA-679	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-680	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-681	1–1.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.30	1.0
2HA-682	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-683	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 03, 2007	ND < 0.40	1.0
2HA-683	6–6.25	Soil	2.2	@ Track C	Nov 28, 2007	07110872	Dec 04, 2007	ND < 0.40	1.0
2AS-613	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-614	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-615	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-616	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-617	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-618	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	0.33	1.0
2AS-619	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.40	1.0

Data Table for Figure 5 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
2AS-620	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.40	1.0
2AS-620	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 04, 2007	ND < 0.30	1.0
2AS-621	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-622	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-623	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-624	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	0.48	1.0
2AS-625	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2AS-626	~1 inch	Asphalt	2.2	@ Track C	Nov 29, 2007	07120019	Dec 05, 2007	ND < 0.40	1.0
2SW-601	Surface	Water	2.2	@ Track C	Dec 04, 2007	07120142r	Dec 07, 2007	< 0.50 ug/l	NA
2BW-602	NA	Water	2.2	@ Track C	Dec 04, 2007	07120142r	Dec 07, 2007	< 0.50 ug/l	NA
2SW-602	Surface	Water	2.2	Frac tank	Dec 07, 2007	07120202	Dec 10, 2007	1.39	NA

Figure 6
COAL YARD SOUTHWEST CORNER: EXCAVATION CLEANUP STATUS
(compare to Plan Figure A3)



Data Table for Figure 6

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
3HA-600	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	1.7	10.0
3HA-601	3–3.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-602	3–3.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.30	10.0
3HA-603	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	3.4	10.0
3HA-604	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	ND < 0.40	10.0
3HA-605	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	5.8	10.0
3HA-606	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	1.3	10.0
3HA-607	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	1.6	10.0
3HA-608	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	4.6	10.0
3HA-609	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	1.3	10.0
3HA-610	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-611	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	2.1	10.0
3HA-612	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-613	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	2.3	10.0
3HA-614	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	5.5	10.0
3HA-615	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	0.47	10.0
3HA-616	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-617	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-618	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.40	10.0
3HA-619	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Nov 30, 2007	ND < 0.30	10.0
3HA-620	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.40	10.0
3HA-620	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.49	10.0
3HA-621	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	4.4	10.0
3HA-622	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.63	10.0
3HA-623	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.40	10.0
3HA-624	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.40	10.0
3HA-625	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.83	10.0
3HA-626	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	0.48	10.0
3HA-627	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	6.2	10.0
3HA-627	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 03, 2007	6.2	10.0
3HA-628	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110870	Dec 01, 2007	ND < 0.30	10.0
3HA-629	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-630	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-631	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-632	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 01, 2007	ND < 0.40	10.0
3HA-633	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 05, 2007	10	10.0
3HA-634	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 05, 2007	4.5	10.0
3HA-635	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-636	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-637	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.40	10.0

Data Table for Figure 6 (cont)

Sample Point	Depth (feet)	Sample Matrix	PCB Area	Site Feature	Sampling Date	Lab Analysis Report #	Analysis Date	Analysis Result (mg/kg unless noted)	Cleanup Criterion (mg/kg unless noted)
3HA-638	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-639	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-640	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	1.9	10.0
3HA-641	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	2.1	10.0
3HA-641	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	2.0	10.0
3HA-642	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	0.31	10.0
3HA-643	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-644	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	0.30	10.0
3HA-645	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-646	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-647	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 05, 2007	0.45	10.0
3HA-648	1–1.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
3HA-649	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	0.32	10.0
3HA-650	6–6.25	Soil	3.2	@ Track A	Nov 28, 2007	07110871	Dec 04, 2007	ND < 0.30	10.0
BW-600	NA	Water	3.2	@ Track A	Nov 28, 2007	07110874	Dec 01, 2007	<0.50 ug/l	NA
3SW-600	Surface	Water	3.2	@ Track A	Dec 04, 2007	07120142r	Dec 07, 2007	1.6 ug/l	NA
3HA-703	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 14, 2007	1.7	10.0
3HA-704	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-705	2–2.25	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.30	10.0
3HA-706	2–2.25	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	0.57	10.0
3HA-707	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-708	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-709	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0
3HA-709	7.5–7.75	Soil	3.2	@ Track A	Dec 11, 2007	07120300	Dec 13, 2007	ND < 0.40	10.0

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0683	14I0773	14I0773
				Lab Sample No.:	14I0683-01SITE	14I0683-02SITE	14I0683-03SITE	14I0683-04SITE	14I0683-05SITE	14I0683-06SITE	14I0683-07SITE	14I0683-08SITE	14I0683-09SITE	14I0683-10SITE	14I0683-11SITE	14I0683-12SITE	14I0683-13SITE	14I0683-14SITE	14I0683-15SITE	14I0683-16SITE	14I0683-17SITE	14I0683-18SITE	14I0683-19SITE	14I0683-20SITE	14I0683-21SITE	14I0683-22SITE	14I0683-23SITE	14I0683-24SITE	14I0773-01SITE	14I0773-02SITE
.					**SB-091614-01A**	**SB-091614-01B**	**SB-091614-01C**	**SB-091614-02A**	**SB-091614-02B**	**SB-091614-02C**	**SB-091614-03A**	**SB-091614-03B**	**SB-091614-03C**	**SB-091614-04A**	**SB-091614-04B**	**SB-091614-04C**	**SB-091614-05A**	**SB-091614-05B**	**SB-091614-05C**	**SB-091614-06A**	**SB-091614-06B**	**SB-091614-06C**	**SB-091614-07A**	**SB-091614-07B**	**SB-091614-07C**	**SB-091614-08A**	**SB-091614-08B**	**SB-091614-08C**	**SB-091714-09A**	**SB-091714-09B**
Sample Depth (ft.)					**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0-0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**0.7- 1.0**	**3.7- 4.0**	**0.0- 0.3**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**0.8- 1.2**	**3.7- 4.0**	**0.0- 0.4**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**0.8- 1.2**	**3.7- 4.0**	**0.0- 0.3**	**1.0- 1.5**	**3.8- 4.0**	**0.0- 0.3**	**1.0- 1.5**
Date Collected					**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/16/14**	**09/17/14**	**09/17/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1221	11104-28-2	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1232	11141-16-5	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1242	53469-21-9	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1248	12672-29-6	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1254	11097-69-1	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	0.34	<0.11
PCB-1260	11096-82-5	mg/kg			1.8	0.35	<0.1	0.65	3.4	<0.11	<0.11	0.13	0.4	<0.1	<0.11	<0.11	<0.1	<0.11	0.17	<0.1	0.12	<0.13	<0.1	0.81	0.22	<0.1	<0.11	0.11	0.26	<0.11
PCB-1262	37324-23-5	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1268	11100-14-4	mg/kg			<0.21	<0.11	<0.1	<0.1	<0.53	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.13	<0.1	<0.11	<0.12	<0.1	<0.11	<0.11	<0.1	0.23
PCBs-Total		mg/kg	1	10	**1.8**	0.35	<BRL	0.65	**3.4**	<BRL	<BRL	0.13	0.4	<BRL	<BRL	<BRL	<BRL	<BRL	0.17	<BRL	0.12	<BRL	<BRL	0.81	0.22	<BRL	<BRL	0.11	0.6	0.23
SOIL-Misc																														
Solids, Total	TotSolids	%			92.9	95.2	95.5	95.5	95.2	87.3	90.3	95.2	88.3	96.4	90	89.6	96.1	94.3	87.2	96	95.3	77.2	97.5	91.2	82.1	98.4	90.2	90.1	96.5	91.5

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
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NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773
				Lab Sample No.:	14I0773-03SITE	14I0773-04SITE	14I0773-05SITE	14I0773-06SITE	14I0773-07SITE	14I0773-08SITE	14I0773-09SITE	14I0773-10SITE	14I0773-11SITE	14I0773-12SITE	14I0773-13SITE	14I0773-14SITE	14I0773-15SITE	14I0773-16SITE	14I0773-17SITE	14I0773-18SITE	14I0773-19SITE	14I0773-20SITE	14I0773-21SITE	14I0773-22SITE	14I0773-23SITE	14I0773-24SITE	14I0773-25SITE	14I0773-26SITE	14I0773-27SITE	14I0773-28SITE
					SB-091714-09C	**SB-091714-10A**	**SB-091714-10B**	**SB-091714-10C**	**SB-091714-11A**	**SB-091714-11B**	**SB-091714-11C**	**SB-091714-12A**	**SB-091714-12B**	**SB-091714-12C**	**SB-091714-13A**	**SB-091714-13B**	**SB-091714-13C**	**SB-091714-14A**	**SB-091714-14B**	**SB-091714-14C**	**SB-091714-15A**	**SB-091714-15B**	**SB-091714-15C**	**SB-091714-16A**	**SB-091714-16B**	**SB-091714-16C**	**SB-091714-17A**	**SB-091714-17B**	**SB-091714-17C**	**SB-091714-18A**
Sample Depth (ft.)					**3.7- 4.0**	**0.0- 0.5**	**0.8- 1.2**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 1.0**	**1.0- 1.5**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.3**
Date Collected					**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1221	11104-28-2	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1232	11141-16-5	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1242	53469-21-9	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1248	12672-29-6	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1254	11097-69-1	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1260	11096-82-5	mg/kg			<0.11	0.64	5.1	<0.1	0.49	1.4	5.1	0.24	0.31	<0.11	0.23	1	<0.11	0.45	<0.1	<0.11	0.45	0.13	<0.11	13	5.7	<0.11	0.36	<0.1	<0.11	0.19
PCB-1262	37324-23-5	mg/kg			<0.11	<0.1	<1	<0.1	<0.1	<0.21	<1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<2.1	<1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1268	11100-14-4	mg/kg			<0.11	0.82	<1	<0.1	0.48	0.93	<1	<0.1	<0.1	<0.11	0.18	0.82	<0.11	0.61	<0.1	<0.11	0.23	<0.1	<0.11	<2.1	<1	<0.11	0.34	0.11	<0.11	<0.1
PCBs-Total		mg/kg	1	10	<BRL	**1.46**	**5.1**	<BRL	0.97	**2.33**	**5.1**	0.24	0.31	<BRL	0.41	**1.82**	<BRL	**1.06**	<BRL	<BRL	0.68	0.13	<BRL	**13**	**5.7**	<BRL	0.7	0.11	<BRL	0.19
SOIL-Misc																														
Solids, Total	TotSolids	%			89.9	98	95.4	93.7	97.5	95.5	96.6	95.2	95.3	91.6	93.2	97.1	89.1	97.2	96.7	89.6	95.1	97	87.9	95.6	95.6	94.6	97.1	96	89.5	95.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
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PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0773	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867
				Lab Sample No.:	14I0773-29SITE	14I0773-30SITE	14I0773-31SITE	14I0773-32SITE	14I0773-33SITE	14I0773-34SITE	14I0773-35SITE	14I0773-36SITE	14I0773-37SITE	14I0773-38SITE	14I0773-39SITE	14I0773-40SITE	14I0773-41SITE	14I0773-42SITE	14I0773-43SITE	14I0773-44SITE	14I0773-45SITE	14I0773-46SITE	14I0773-47SITE	14I0773-48SITE	14I0867-01SITE	14I0867-02SITE	14I0867-03SITE	14I0867-04SITE	14I0867-05SITE	14I0867-06SITE
					SB-091714-18B	**SB-091714-18C**	**SB-091714-19A**	**SB-091714-19B**	**SB-091714-19C**	**SB-091714-20A**	**SB-091714-20B**	**SB-091714-20C**	**SB-091714-21A**	**SB-091714-21B**	**SB-091714-21C**	**SB-091714-22A**	**SB-091714-22B**	**SB-091714-22C**	**SB-091714-23A**	**SB-091714-23B**	**SB-091714-23C**	**SB-091714-24A**	**SB-091714-24B**	**SB-091714-24C**	**SB-091814-25A**	**SB-091814-25B**	**SB-091814-25C**	**SB-091814-26A**	**SB-091814-26B**	**SB-091814-26C**
Sample Depth (ft.)					**1.0- 1.3**	**3.7- 4.0**	**0.0- 0.5**	**1.0- 1.3**	**3.7- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.3**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.3**	**3.7- 4.0**	**Surface Asphalt**	**0.8 -1.2**	**3.7- 4.0**	**Surface Asphalt**	**0.8- 1.2**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.3**	**3.7- 4.0**	**Surface Asphalt**	**0.8- 1.3**	**3.7- 4.0**
Date Collected					**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/17/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1221	11104-28-2	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1232	11141-16-5	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1242	53469-21-9	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1248	12672-29-6	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1254	11097-69-1	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1260	11096-82-5	mg/kg			<0.11	<0.13	0.27	<0.1	<0.11	0.41	0.33	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1262	37324-23-5	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCB-1268	11100-14-4	mg/kg			<0.11	<0.13	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.099	<0.11	<0.12	<0.1	<0.11	<0.12	<0.1	<0.1	<0.14	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.099	<0.11	<0.12
PCBs-Total		mg/kg	1	10	<BRL	<BRL	0.27	<BRL	<BRL	0.41	0.33	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			92.8	77.4	95.5	94.9	92.9	95.9	97.5	80.4	99.7	93.6	80.3	99.7	91.5	80.5	99.7	94.3	68.8	99.7	93.7	76.9	99.8	94.5	64.2	99.7	92	82.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
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PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I0867	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002
				Lab Sample No.:	14I0867-07SITE	14I0867-08SITE	14I0867-09SITE	14I0867-10SITE	14I0867-11SITE	14I0867-12SITE	14I0867-13SITE	14I0867-14SITE	14I0867-15SITE	14I0867-16SITE	14I0867-17SITE	14I0867-18SITE	14I0867-19SITE	14I0867-20SITE	14I0867-21SITE	14I0867-22SITE	14I0867-23SITE	14I0867-24SITE	14I1002-01SITE	14I1002-02SITE	14I1002-03SITE	14I1002-04SITE	14I1002-05SITE	14I1002-06SITE	14I1002-07SITE	14I1002-08SITE
-					**SB-091814-27A**	**SB-091814-27B**	**SB-091814-27C**	**SB-091814-28A**	**SB-091814-28B**	**SB-091814-28C**	**SB-091814-29A**	**SB-091814-29B**	**SB-091814-29C**	**SB-091814-30A**	**SB-091814-30B**	**SB-091814-30C**	**SB-091814-31A**	**SB-091814-31B**	**SB-091814-31C**	**SB-091814-32A**	**SB-091814-32B**	**SB-091814-32C**	**SB-091914-33A**	**SB-091914-33B**	**SB-091914-33C**	**SB-091914-34A**	**SB-091914-34B**	**SB-091914-34C**	**SB-091914-35A**	**SB-091914-35B**
Sample Depth (ft.)					**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.7- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**
Date Collected					**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/18/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	<0.13	0.15	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	0.17	<0.11	<0.11	<0.099	<0.1	<0.11	0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.13	<0.099	<0.11	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.13	<0.099	0.16	<0.13	<0.1	<0.11	<0.15	<0.1	<0.11	<0.11	<0.099	<0.11	<0.11	<0.099	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	0.15	0.16	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	0.17	<BRL	<BRL	<BRL	<BRL	<BRL	0.11	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			99.8	92.1	76.3	99.8	89.3	76.3	99.8	93.9	68.5	99.8	94.5	94.2	99.7	92.1	90.4	99.8	93.5	92.5	99.6	95.7	93.2	99.7	96.5	93.9	99.6	97.2

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1002	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004
				Lab Sample No.:	14I1002-09SITE	14I1002-10SITE	14I1002-11SITE	14I1002-12SITE	14I1002-13SITE	14I1002-14SITE	14I1002-15SITE	14I1002-16SITE	14I1002-17SITE	14I1002-18SITE	14I1002-19SITE	14I1002-20SITE	14I1002-21SITE	14I1002-22SITE	14I1002-23SITE	14I1002-24SITE	14I1002-25SITE	14I1002-26SITE	14I1002-27SITE	14I1004-01SITE	14I1004-02SITE	14I1004-03SITE	14I1004-04SITE	14I1004-05SITE	14I1004-06SITE	14I1004-07SITE
-					**SB-091914-35C**	**SB-091914-36A**	**SB-091914-36B**	**SB-091914-36C**	**SB-091914-37A**	**SB-091914-37B**	**SB-091914-37C**	**SB-091914-38A**	**SB-091914-38B**	**SB-091914-38C**	**SB-091914-39A**	**SB-091914-39B**	**SB-091914-39C**	**SB-091914-40A**	**SB-091914-40B**	**SB-091914-40C**	**SB-091914-41A**	**SB-091914-41B**	**SB-091914-41C**	**SB-092214-42A**	**SB-092214-42B**	**SB-092214-42C**	**SB-092214-43A**	**SB-092214-43B**	**SB-092214-43C**	**SB-092214-44A**
Sample Depth (ft.)					**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**
Date Collected					**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/19/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																											
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1254	11097-69-1	mg/kg			<0.1	0.17	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1260	11096-82-5	mg/kg			<0.1	0.68	<0.11	<0.1	<0.1	<0.1	<0.11	0.12	0.43	<0.1	<0.1	<0.11	<0.11	0.37	<0.1	<0.1	<0.099	<0.1	<0.11	0.13	<0.11	<0.11	0.48	<0.12	<0.1	0.26
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	<0.11	<0.12	<0.1	<0.097
PCB-1268	11100-14-4	mg/kg			<0.1	0.28	<0.11	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.1	<0.1	<0.1	<0.099	<0.1	<0.11	<0.099	<0.11	<0.11	0.23	<0.12	<0.1	<0.097
PCBs-Total		mg/kg	1	10	<BRL	**1.13**	<BRL	<BRL	<BRL	<BRL	<BRL	0.12	0.43	<BRL	<BRL	<BRL	<BRL	0.37	<BRL	<BRL	<BRL	<BRL	<BRL	0.13	<BRL	<BRL	0.71	<BRL	<BRL	0.26
SOIL-Misc																															
Solids, Total	TotSolids	%			97.4	98.8	93.6	97	99.2	95.3	89.7	99.7	98	96.7	99.2	94.5	94.2	99.2	95	97.2	99.7	95.7	93.6	99.7	91.6	91.6	91.6	82.9	93.9	99.6

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1004	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005
				Lab Sample No.:	14I1004-08SITE	14I1004-09SITE	14I1004-10SITE	14I1004-11SITE	14I1004-12SITE	14I1004-13SITE	14I1004-14SITE	14I1004-15SITE	14I1004-16SITE	14I1004-17SITE	14I1004-18SITE	14I1004-19SITE	14I1004-20SITE	14I1005-01SITE	14I1005-02SITE	14I1005-03SITE	14I1005-04SITE	14I1005-05SITE	14I1005-06SITE	14I1005-07SITE	14I1005-08SITE	14I1005-09SITE	14I1005-10SITE	14I1005-11SITE	14I1005-12SITE	14I1005-13SITE
					SB-092214-44B	**SB-092214-44C**	**SB-092214-45A**	**SB-092214-45B**	**SB-092214-45C**	**SB-092214-46A**	**SB-092214-46B**	**SB-092214-46C**	**SB-092214-47A**	**SB-092214-47B**	**SB-092214-47C**	**SB-092214-48A**	**SB-092214-48B**	**SB-092214-48C**	**SB-092214-49A**	**SB-092214-49B**	**SB-092214-49C**	**SB-092214-50A**	**SB-092214-50B**	**SB-092214-50C**	**SB-092214-51A**	**SB-092214-51B**	**SB-092214-51C**	**SB-092214-52A**	**SB-092214-52B**	**SB-092214-52C**
Sample Depth (ft.)					**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**2.0- 3.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.2**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.3- 0.6**	**1.0- 1.5**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**0.3- 0.5**	**0.7- 1.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**
Date Collected					**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	0.16	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1254	11097-69-1	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	0.18	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1260	11096-82-5	mg/kg			<0.1	<0.1	0.49	<0.12	<0.11	0.31	0.41	<0.1	0.32	<0.11	<0.1	0.59	0.43	<0.1	<0.1	0.18	<0.1	0.42	0.12	<0.1	0.16	0.28	<0.1	<0.1	0.16	<0.099
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCB-1268	11100-14-4	mg/kg			<0.1	<0.1	<0.099	<0.12	<0.11	<0.099	<0.1	<0.1	<0.099	<0.11	<0.1	<0.099	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.099	<0.099
PCBs-Total		mg/kg	1	10	<BRL	<BRL	0.49	<BRL	<BRL	0.31	0.41	<BRL	0.32	<BRL	<BRL	0.59	0.43	<BRL	<BRL	0.18	<BRL	0.76	0.12	<BRL	0.16	0.28	<BRL	<BRL	0.16	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			94.8	93.5	99.7	82.3	88.2	99.7	97.3	94.5	99.7	88.3	95.3	99.7	95.9	97.5	99.4	98.6	97.9	99.2	98.1	98.8	99.4	98.5	96.9	99.5	99	98.5

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1005	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062
				Lab Sample No.:	14I1005-14SITE	14I1005-15SITE	14I1005-16SITE	14I1005-17SITE	14I1005-18SITE	14I1005-19SITE	14I1005-20SITE	14I1005-21SITE	14I1005-22SITE	14I1062-01SITE	14I1062-02SITE	14I1062-03SITE	14I1062-04SITE	14I1062-05SITE	14I1062-06SITE	14I1062-07SITE	14I1062-08SITE	14I1062-09SITE	14I1062-10SITE	14I1062-11SITE	14I1062-12SITE	14I1062-13SITE	14I1062-14SITE	14I1062-15SITE	14I1062-16SITE	14I1062-17SITE
-					**SB-092214-53A**	**SB-092214-53B**	**SB-092214-53C**	**SB-092214-54A**	**SB-092214-54B**	**SB-092214-54C**	**SB-092214-55A**	**SB-092214-55B**	**SB-092214-55C**	**SB-092314-56A**	**SB-092314-56B**	**SB-092314-56C**	**SB-092314-57A**	**SB-092314-57B**	**SB-092314-57C**	**SB-092314-58A**	**SB-092314-58B**	**SB-092314-58C**	**SB-092314-59A**	**SB-092314-59B**	**SB-092314-59C**	**SB-092314-60A**	**SB-092314-60B**	**SB-092314-60C**	**SB-092314-61A**	**SB-092314-61B**
Sample Depth (ft.)					**Surface Asphalt**	**0.8- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**0.0- 0.08**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 0.1**	**0.8- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**0.8- 1.5**
Date Collected					**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/22/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	0.11	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	0.22	<0.1	<0.1	0.11	<0.11	<0.12	<0.11	0.29	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	0.21	<0.11
PCB-1260	11096-82-5	mg/kg			0.17	<0.1	<0.1	<0.1	<0.11	<0.1	0.24	<0.099	<0.11	0.55	0.3	<0.1	0.28	0.5	<0.12	<0.11	1.2	<0.12	0.36	<0.1	<0.1	<0.1	<0.1	<0.1	0.81	0.21
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.099	<0.11	<0.1	<0.1	<0.1	<0.11	<0.11	<0.12	<0.11	<0.11	<0.12	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11
PCBs-Total		mg/kg	1	10	0.17	<BRL	<BRL	<BRL	<BRL	<BRL	0.35	<BRL	<BRL	0.77	0.3	<BRL	0.39	0.5	<BRL	<BRL	**1.49**	<BRL	0.36	<BRL	<BRL	<BRL	<BRL	<BRL	**1.02**	0.21
SOIL-Misc																														
Solids, Total	TotSolids	%			99.4	98.5	96.6	99.5	94.1	98.6	99.5	98.9	92.6	99	94.3	95.5	94.1	88.7	81.9	93.3	92.2	85.9	94.9	97.7	95.1	99.5	96.7	94.1	95.9	94.3

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1062	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116
				Lab Sample No.:	14I1062-18SITE	14I1062-19SITE	14I1062-20SITE	14I1062-21SITE	14I1062-22SITE	14I1062-23SITE	14I1062-24SITE	14I1062-25SITE	14I1062-26SITE	14I1062-27SITE	14I1062-28SITE	14I1062-29SITE	14I1062-30SITE	14I1116-01SITE	14I1116-02SITE	14I1116-03SITE	14I1116-04SITE	14I1116-05SITE	14I1116-06SITE	14I1116-07SITE	14I1116-08SITE	14I1116-09SITE	14I1116-10SITE	14I1116-11SITE	14I1116-12SITE	14I1116-13SITE
					SB-092314-61C	**SB-092314-62A**	**SB-092314-62B**	**SB-092314-62C**	**SB-092314-63A**	**SB-092314-63B**	**SB-092314-63C**	**SB-092314-64A**	**SB-092314-64B**	**SB-092314-64C**	**SB-092314-65A**	**SB-092314-65B**	**SB-092314-65C**	**SB-092414-66A**	**SB-092414-66B**	**SB-092414-66C**	**SB-092414-67A**	**SB-092414-67B**	**SB-092414-67C**	**SB-092414-68A**	**SB-092414-68B**	**SB-092414-68C**	**SB-092414-69A**	**SB-092414-69B**	**SB-092414-69C**	**SB-092414-70A**
Sample Depth (ft.)					**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**
Date Collected					**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/23/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																											
PCB-1016	12674-11-2	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1221	11104-28-2	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1232	11141-16-5	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1242	53469-21-9	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1248	12672-29-6	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1254	11097-69-1	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	0.2	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1260	11096-82-5	mg/kg			<0.11	<0.1	<0.099	<0.11	0.12	0.67	<0.11	0.46	<0.11	<0.11	0.15	<0.11	<0.11	<0.1	5.7	1.8	<0.1	0.49	0.55	0.11	5.1	<0.1	0.43	7.3	<0.1	<0.098
PCB-1262	37324-23-5	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCB-1268	11100-14-4	mg/kg			<0.11	<0.1	<0.099	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11	<0.11	<0.1	<0.54	<0.22	<0.1	<0.1	<0.11	<0.099	<0.52	<0.1	<0.099	<1.1	<0.1	<0.098
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	<BRL	0.12	0.67	<BRL	0.66	<BRL	<BRL	0.15	<BRL	<BRL	<BRL	**5.7**	**1.8**	<BRL	0.49	0.55	0.11	**5.1**	<BRL	0.43	**7.3**	<BRL	<BRL
SOIL-Misc																															
Solids, Total	TotSolids	%			86.8	99.4	97.8	92.6	99.5	94.7	93.8	98.8	93.8	92.7	99.5	94.1	92.7	94.9	91.3	92	95.8	94.5	88.9	99.3	94.4	93.9	99.7	94.9	92.6	99.7

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1116	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244
				Lab Sample No.:	14I1116-14SITE	14I1116-15SITE	14I1116-16SITE	14I1116-17SITE	14I1116-18SITE	14I1116-19SITE	14I1116-20SITE	14I1116-21SITE	14I1116-22SITE	14I1116-23SITE	14I1116-24SITE	14I1116-25SITE	14I1116-26SITE	14I1116-27SITE	14I1244-01SITE	14I1244-02SITE	14I1244-03SITE	14I1244-04SITE	14I1244-05SITE	14I1244-06SITE	14I1244-07SITE	14I1244-08SITE	14I1244-09SITE	14I1244-10SITE	14I1244-11SITE	14I1244-12SITE
					SB-092414-70B	**SB-092414-70C**	**SB-092414-71A**	**SB-092414-71B**	**SB-092414-71C**	**SB-092414-72A**	**SB-092414-72B**	**SB-092414-72C**	**SB-092414-73A**	**SB-092414-73B**	**SB-092414-73C**	**SB-092414-74A**	**SB-092414-74B**	**SB-092414-74C**	**SB-092614-75A**	**SB-092614-75B**	**SB-092614-75C**	**SB-092614-76A**	**SB-092614-76B**	**SB-092614-76C**	**SB-092614-77A**	**SB-092614-77B**	**SB-092614-77C**	**SB-092614-78A**	**SB-092614-78B**	**SB-092614-78C**
Sample Depth (ft.)					**0.5- 1.5**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**
Date Collected					**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/24/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	0.15	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	<0.096	0.33	<0.1	<0.096	<0.1	<0.1	0.19	2.1	<0.1	14	<0.1	<0.11	0.11	<0.1	<0.1	<0.1	<0.1	<0.1	0.73	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.096	<0.1	<0.1	<0.096	<0.1	<0.1	<0.099	<0.21	<0.1	<2	<0.1	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.1	<0.11	<0.11
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	0.33	<BRL	<BRL	<BRL	<BRL	0.34	**2.1**	<BRL	**14**	<BRL	<BRL	0.11	<BRL	<BRL	<BRL	<BRL	<BRL	0.73	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			94.7	90.8	99.7	94.8	92.9	99.7	96.1	94.9	99.8	94	94	93.9	94.5	94.7	94.7	95.6	93.8	96.4	97.6	94.8	94	92.4	88.7	96	94.2	93.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1244	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245	14I1245
				Lab Sample No.:	14I1244-13SITE	14I1244-14SITE	14I1244-15SITE	14I1244-16SITE	14I1244-17SITE	14I1244-18SITE	14I1244-19SITE	14I1244-20SITE	14I1245-01SITE	14I1245-02SITE	14I1245-03SITE	14I1245-04SITE	14I1245-05SITE	14I1245-06SITE	14I1245-07SITE	14I1245-08SITE	14I1245-09SITE	14I1245-10SITE	14I1245-11SITE	14I1245-12SITE	14I1245-13SITE	14I1245-14SITE	14I1245-15SITE	14I1245-16SITE	14I1245-17SITE	14I1245-18SITE
-					**SB-092614-79A**	**SB-092614-79B**	**SB-092614-79C**	**SB-092614-80A**	**SB-092614-80B**	**SB-092614-80C**	**SB-092614-81A**	**SB-092614-81B**	**SB-092614-81C**	**SB-092614-82A**	**SB-092614-82B**	**SB-092614-82C**	**SB-092614-83A**	**SB-092614-83B**	**SB-092614-83C**	**SB-092614-84A**	**SB-092614-84B**	**SB-092614-84C**	**SB-092614-85A**	**SB-092614-85B**	**SB-092614-85C**	**SB-092614-86A**	**SB-092614-86B**	**SB-092614-86C**	**SB-092614-87A**	**SB-092614-87B**
Sample Depth (ft.)					**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**0.5- 2.0**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**0.5- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**
Date Collected					**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1260	11096-82-5	mg/kg			0.15	<0.1	<0.11	0.2	<0.1	<0.12	<0.11	<0.1	<0.11	0.11	<0.11	<0.11	0.16	<0.1	<0.11	0.24	<0.1	<0.11	0.13	<0.1	<0.11	<0.1	<0.11	<0.11	0.12	<0.11
PCB-1262	37324-23-5	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.11	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.11
PCBs-Total		mg/kg	1	10	0.15	<BRL	<BRL	0.2	<BRL	<BRL	<BRL	<BRL	<BRL	0.11	<BRL	<BRL	0.16	<BRL	<BRL	0.24	<BRL	<BRL	0.13	<BRL	<BRL	<BRL	<BRL	<BRL	0.12	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			95.9	95	93.7	95.7	95.1	78.6	92.9	94	93.5	95	93.4	91.6	93.8	93.7	92.5	97.3	96.4	93.2	98.1	95.2	92.2	94.3	93.4	90.8	94.8	91.4

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1245	14I1245	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1246	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331
				Lab Sample No.:	14I1245-19SITE	14I1245-20SITE	14I1246-01SITE	14I1246-02SITE	14I1246-03SITE	14I1246-04SITE	14I1246-05SITE	14I1246-06SITE	14I1246-07SITE	14I1246-08SITE	14I1246-09SITE	14I1246-10SITE	14I1246-11SITE	14I1246-12SITE	14I1246-13SITE	14I1246-14SITE	14I1331-01SITE	14I1331-02SITE	14I1331-03SITE	14I1331-04SITE	14I1331-05SITE	14I1331-06SITE	14I1331-07SITE	14I1331-08SITE	14I1331-09SITE	14I1331-10SITE
					SB-092614-87C	**SB-092614-88A**	**SB-092614-88B**	**SB-092614-88C**	**SB-092614-89A**	**SB-092614-89B**	**SB-092614-89C**	**SB-092614-90A**	**SB-092614-90B**	**SB-092614-90C**	**SB-092614-91A**	**SB-092614-91B**	**SB-092614-91C**	**SB-092614-92A**	**SB-092614-92B**	**SB-092614-92C**	**SB-092914-93A**	**SB-092914-93B**	**SB-092914-93C**	**SB-092914-94A**	**SB-092914-94B**	**SB-092914-94C**	**SB-092914-95A**	**SB-092914-95B**	**SB-092914-95C**	**SB-092914-96A**
Sample Depth (ft.)					**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**
Date Collected					**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/26/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1221	11104-28-2	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1232	11141-16-5	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1242	53469-21-9	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1248	12672-29-6	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1254	11097-69-1	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1260	11096-82-5	mg/kg			<0.11	0.11	<0.11	<0.11	0.27	<0.1	<0.11	0.19	0.12	<0.11	0.4	<0.1	<0.11	0.19	<0.1	<0.12	0.11	<0.1	<0.13	0.13	<0.1	<0.12	0.25	<0.1	<0.11	0.25
PCB-1262	37324-23-5	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCB-1268	11100-14-4	mg/kg			<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.12	<0.1	<0.1	<0.13	<0.1	<0.1	<0.12	<0.1	<0.1	<0.11	<0.1
PCBs-Total		mg/kg	1	10	<BRL	0.11	<BRL	<BRL	0.27	<BRL	<BRL	0.19	0.12	<BRL	0.4	<BRL	<BRL	0.19	<BRL	<BRL	0.11	<BRL	<BRL	0.13	<BRL	<BRL	0.25	<BRL	<BRL	0.25
SOIL-Misc																														
Solids, Total	TotSolids	%			91.3	93.8	91.2	91.6	94.3	96.9	92.7	97.2	90	89.9	95.3	96.8	91.6	95.7	95.2	81	96.9	95.3	77	97.5	95.2	79.7	96.9	96.5	91.9	97.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1331	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332	14I1332
				Lab Sample No.:	14I1331-11SITE	14I1331-12SITE	14I1331-13SITE	14I1331-14SITE	14I1331-15SITE	14I1331-16SITE	14I1331-17SITE	14I1331-18SITE	14I1331-19SITE	14I1331-20SITE	14I1332-01SITE	14I1332-02SITE	14I1332-03SITE	14I1332-04SITE	14I1332-05SITE	14I1332-06SITE	14I1332-07SITE	14I1332-08SITE	14I1332-09SITE	14I1332-10SITE	14I1332-11SITE	14I1332-12SITE	14I1332-13SITE	14I1332-14SITE	14I1332-15SITE	14I1332-16SITE
					SB-092914-96B	**SB-092914-96C**	**SB-092914-97A**	**SB-092914-97B**	**SB-092914-97C**	**SB-092914-98A**	**SB-092914-98B**	**SB-092914-98C**	**SB-092914-99A**	**SB-092914-99B**	**SB-092914-99C**	**SB-092914-100A**	**SB-092914-100B**	**SB-092914-100C**	**SB-092914-101A**	**SB-092914-101B**	**SB-092914-101C**	**SB-092914-102A**	**SB-092914-102B**	**SB-092914-102C**	**SB-092914-103A**	**SB-092914-103B**	**SB-092914-104A**	**SB-092914-104B**	**SB-092914-104C**	**SB-092914-105A**
Sample Depth (ft.)					**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**4.0- 5.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.5- 2.0**	**4.0- 5.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**
Date Collected					**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	4	<0.1	<0.11	0.21	<0.11	<0.11	0.11	NA	<0.11	<0.1	<0.1	<0.11	0.3	<0.11	<0.11	0.13	0.43	<0.11	<0.1	<0.11	0.17	0.21	<0.11	<0.1
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.5	<0.1	<0.11	<0.1	<0.11	<0.11	<0.099	NA	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.11	<0.1	<0.1	<0.11	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1
PCBs-Total		mg/kg	1	10	<BRL	<BRL	**4**	<BRL	<BRL	0.21	<BRL	<BRL	0.11	NA	<BRL	<BRL	<BRL	<BRL	0.3	<BRL	<BRL	0.13	0.43	<BRL	<BRL	<BRL	0.17	0.21	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			98.3	91.6	97.9	93.8	91.2	96.6	94	92.5	99.8	93.7	94.4	96.9	96.8	93.1	97	94.1	88.7	96.8	96.4	92.1	97.5	91.6	96.3	95.3	92.6	96.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14I1332	14I1332	14I1332	14I1332	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14J0143	14J0143	14J0143	14J0143	14K0773
				Lab Sample No.:	14I1332-17SITE	14I1332-18SITE	14I1332-19SITE	14I1332-20SITE	14I1333-01SITE	14I1333-02SITE	14I1333-03SITE	14I1333-04SITE	14I1333-05SITE	14I1333-06SITE	14I1333-07SITE	14I1333-08SITE	14I1333-09SITE	14I1382-01SITE	14I1382-02SITE	14I1382-03SITE	14I1382-04SITE	14I1382-05SITE	14I1382-08SITE	14I1382-06SITE	14I1382-07SITE	14J0143-01SITE	14J0143-02SITE	14J0143-03SITE	14J0143-04SITE	14K0773-01SITE
					SB-092914-105B	**SB-092914-105C**	**SB-092914-106A**	**SB-092914-106B**	**SB-092914-106C**	**SB-092914-107A**	**SB-092914-107B**	**SB-092914-108A**	**SB-092914-108B**	**SB-092914-109A**	**SB-092914-109B**	**SB-092914-110A**	**SB-092914-110B**	**SB-093014-111A**	**SB-093014-111B**	**SB-093014-112A**	**SB-093014-112B**	**SB-093014-113A**	**SB-093014-113B**	**SB-093014-114A**	**SB-093014-114B**	**SB-100114-115A**	**SB-100114-115B**	**SB-100114-116A**	**SB-100114-116B**	**SB-111414-117A**
Sample Depth (ft.)					**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 2.0**	**3.5- 4.0**	**4.0- 5.0**	**13.0- 15.0**	**0.5- 2.0**	**3.0- 4.0**	**0.5- 2.0**	**3.0- 5.0**	**0.0- 2.0**	**12.0- 14.0**	**0.5- 2.0**	**3.0- 5.0**	**1.0- 2.0**	**8.0- 10.0**	**1.0- 2.0**	**4.0- 5.0**	**0.5- 2.0**	**3.0- 5.0**	**3.0- 5.0**	**7.5- 9.5**	**3.0- 5.0**	**7.5- 9.5**	**0.0- 0.5**
Date Collected					**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**09/30/14**	**10/01/14**	**10/01/14**	**10/01/14**	**10/01/14**	**11/14/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			<0.1	<0.11	0.32	<0.1	<0.11	<0.11	<0.11	0.51	0.12	0.23	<0.11	<0.1	0.51	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	0.15	<0.11	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.1	<0.11	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.11	<0.1	<0.14	<0.11	<0.11	<0.11	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11
PCBs-Total		mg/kg	1	10	<BRL	<BRL	0.32	<BRL	<BRL	<BRL	<BRL	0.51	0.12	0.23	<BRL	<BRL	0.51	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	0.15	<BRL	<BRL	<BRL
SOIL-Misc																														
Solids, Total	TotSolids	%			95.3	91.8	96.2	96.3	92.4	86	88.2	93	89.4	97.3	90.1	94.9	88	97	94.8	95.9	69.6	94.5	88.6	93	83.2	93.1	88.2	89.4	85.5	92.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0773	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811
				Lab Sample No.:	14K0773-02SITE	14K0773-03SITE	14K0773-04SITE	14K0773-05SITE	14K0773-06SITE	14K0773-07SITE	14K0773-08SITE	14K0773-09SITE	14K0773-10SITE	14K0773-11SITE	14K0773-12SITE	14K0773-13SITE	14K0773-14SITE	14K0773-15SITE	14K0773-16SITE	14K0773-17SITE	14K0773-18SITE	14K0811-01SITE	14K0811-02SITE	14K0811-03SITE	14K0811-04SITE	14K0811-05SITE	14K0811-06SITE	14K0811-07SITE	14K0811-08SITE	14K0811-09SITE
					SB-111414-117B	**SB-111414-117C**	**SB-111414-118A**	**SB-111414-118B**	**SB-111414-118C**	**SB-111414-119A**	**SB-111414-119B**	**SB-111414-119C**	**SB-111414-120A**	**SB-111414-120B**	**SB-111414-120C**	**SB-111414-121A**	**SB-111414-121B**	**SB-111414-121C**	**SB-111414-122A**	**SB-111414-122B**	**SB-111414-122C**	**SB-111814-123A**	**SB-111814-123B**	**SB-111814-124A**	**SB-111814-124B**	**SB-111814-124C**	**SB-111814-125A**	**SB-111814-125B**	**SB-111814-126A**	**SB-111814-126B**
Sample Depth (ft.)					**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.5**	**3.0- 3.5**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**3.0- 5.0**	**7.0- 8.0**	**0.5- 2.0**	**3.0- 5.0**
Date Collected					**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/14/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																											
PCB-1016	12674-11-2	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1221	11104-28-2	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1232	11141-16-5	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1242	53469-21-9	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1248	12672-29-6	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1254	11097-69-1	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1260	11096-82-5	mg/kg			<0.11	<0.11	<0.11	<0.11	0.24	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	0.18	<0.13	<0.1	<0.1	0.26	0.31	<0.11	1.2	<0.11	<0.1	<0.44
PCB-1262	37324-23-5	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCB-1268	11100-14-4	mg/kg			<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.1	<0.13	<0.1	<0.1	<0.1	<0.11	<0.11	<0.11	<0.11	<0.1	<0.44
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	<BRL	0.24	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	0.18	<BRL	<BRL	<BRL	0.26	0.31	<BRL	**1.2**	<BRL	<BRL	<BRL
SOIL-Misc																															
Solids, Total	TotSolids	%			93.4	92.8	92.8	91.6	94.3	92.6	92.7	93.9	92.3	94	93.6	92.8	92.7	93.6	92.5	93.4	76.5	93.6	91.1	88.5	90.8	91.9	90.7	86.2	93.1	87.9

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890	14K0890
				Lab Sample No.:	14K0811-10SITE	14K0811-11SITE	14K0811-12SITE	14K0811-13SITE	14K0811-14SITE	14K0811-15SITE	14K0811-17SITE	14K0811-18SITE	14K0811-19SITE	14K0811-20SITE	14K0890-01SITE	14K0890-02SITE	14K0890-03SITE	14K0890-04SITE	14K0890-05SITE	14K0890-06SITE	14K0890-07SITE	14K0890-08SITE	14K0890-09SITE	14K0890-10SITE	14K0890-11SITE	14K0890-12SITE	14K0890-13SITE	14K0890-14SITE	14K0890-15SITE	14K0890-16SITE
.					**SB-111814-127A**	**SB-111814-127B**	**SB-111814-128A**	**SB-111814-128B**	**SB-111814-129A**	**SB-111814-129B**	**SB-111814-130A**	**SB-111814-130B**	**SB-111814-131A**	**SB-111814-131B**	**SB-111914-132A**	**SB-111914-132B**	**SB-111914-132C**	**SB-111914-133A**	**SB-111914-133B**	**SB-111914-133C**	**SB-111914-134A**	**SB-111914-134B**	**SB-111914-134C**	**SB-111914-135A**	**SB-111914-135B**	**SB-111914-135C**	**SB-111914-136A**	**SB-111914-136B**	**SB-111914-136C**	**SB-111914-137A**
Sample Depth (ft.)					**0.5- 2.0**	**13.0- 15.0**	**0.5- 2.0**	**2.0- 4.0**	**0.5- 2.0**	**2.0- 4.0**	**0.0- 2.0**	**2.0- 4.0**	**0.5- 2.0**	**2.0- 4.0**	**Surface Asphalt**	**0.5- 1.5**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**0.0- 1.0**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.5- 4.0**	**Surface Asphalt**	**1.0- 2.0**	**3.0- 4.0**	**Surface Asphalt**
Date Collected					**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/18/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**																										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1221	11104-28-2	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1232	11141-16-5	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1242	53469-21-9	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1248	12672-29-6	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	0.21	<0.1	<0.17	5.7	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1254	11097-69-1	mg/kg			0.18	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1260	11096-82-5	mg/kg			<0.11	1.2	<0.11	<0.1	0.11	<0.11	1.6	<0.1	0.15	<0.1	0.17	0.17	<0.11	0.19	0.21	<0.11	0.92	0.3	<0.17	1.4	<0.1	<0.1	<0.1	<0.11	<0.1	0.13
PCB-1262	37324-23-5	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCB-1268	11100-14-4	mg/kg			<0.11	<0.27	<0.11	<0.1	<0.11	<0.11	<0.42	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1	<0.11	<0.1	<0.1	<0.17	<1	<0.1	<0.1	<0.1	<0.11	<0.1	<0.1
PCBs-Total		mg/kg	1	10	0.18	**1.2**	<BRL	<BRL	0.11	<BRL	**1.6**	<BRL	0.15	<BRL	0.17	0.17	<BRL	0.19	0.21	<BRL	**1.13**	0.3	<BRL	**7.1**	<BRL	<BRL	<BRL	<BRL	<BRL	0.13
SOIL-Misc																														
Solids, Total	TotSolids	%			90.7	36.8	91.2	95.1	92.3	88.5	90.4	91.9	94	92.3	99.8	97.6	91.5	99.6	97.9	94.3	97.5	97	57.6	99.6	97.8	97.6	99.8	94	97.6	99.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1a
Soil and Asphalt Analytical Results- PCBs
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0890	14K0890	14K0890	14K0890	14K0892	14K0892	14K0892	14K0892	14K0892	14K0892	14K0892
				Lab Sample No.:	14K0890-17SITE	14K0890-18SITE	14K0890-19SITE	14K0890-20SITE	14K0892-01SITE	14K0892-02SITE	14K0892-03SITE	14K0892-04SITE	14K0892-05SITE	14K0892-06SITE	14K0892-07SITE
.					**SB-111914-137B**	**SB-111914-137C**	**SB-111914-138A**	**SB-111914-138B**	**SB-111914-138C**	**SB-111914-139A**	**SB-111914-139B**	**SB-111914-139C**	**SB-111914-140A**	**SB-111914-140B**	**SB-111914-140C**
Sample Depth (ft.)					**1.0- 1.5**	**3.5- 4.0**	**0.0- 0.5**	**1.0- 1.5**	**3.5- 4.0**	**0.0- 1.0**	**1.0- 1.5**	**3.0- 4.0**	**Surface Asphalt**	**1.0- 1.5**	**3.0- 4.0**
Date Collected					**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**	**11/19/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**											
PCB-1016	12674-11-2	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.13	<0.11	<0.1	<0.1	<0.1	<0.1	<0.1	<0.11	<0.099	<0.11	<0.11
PCBs-Total		mg/kg	1	10	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc															
Solids, Total	TotSolids	%			77	90.8	96.6	98.3	96.4	97.9	98.2	90	99.8	92.2	89.8

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion

Notes

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 1b
Soil Analytical Results- VOCs and ETPH
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1331	14I1332	14I1332	14I1332	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1333	14I1382	14I1382
					Lab Sample No.:	14I1331-20SITE	14I1332-01SITE	14I1332-11SITE	14I1332-12SITE	14I1333-02SITE	14I1333-03SITE	14I1333-04SITE	14I1333-05SITE	14I1333-06SITE	14I1333-07SITE	14I1333-08SITE	14I1333-09SITE	14I1382-01SITE	14I1382-02SITE
.						**SB-092914-99B**	**SB-092914-99C**	**SB-092914-103A**	**SB-092914-103B**	**SB-092914-107A**	**SB-092914-107B**	**SB-092914-108A**	**SB-092914-108B**	**SB-092914-109A**	**SB-092914-109B**	**SB-092914-110A**	**SB-092914-110B**	**SB-093014-111A**	**SB-093014-111B**
Sample Depth (ft.)						**1-2**	**4-5**	**0.5-2**	**4-5**	**4-5**	**13-15**	**0.5-2**	**3-4**	**0.5-2**	**3-5**	**0-2**	**12-14**	**0.5-2**	**3-5**
Date Collected						**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/29/2014**	**9/30/2014**	**9/30/2014**
SOIL-8260C			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**														
1,1,1-Trichloroethane	71-55-6	µg/kg	500,000	1,000,000	40,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
1,2,4-Trimethylbenzene	95-63-6	µg/kg	500,000	1,000,000	2,400	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	9	800	600	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
1,2-Dibromoethane (EDB) (ethylene dibromide)	106-93-4	µg/kg	7	67	100	<0.79	<0.65	<0.66	<0.77	<0.52	<0.66	<0.64	<0.64	<0.52	<0.54	<0.59	<0.5	<0.58	<0.52
1,3,5-Trimethylbenzene	108-67-8	µg/kg	500,000	1,000,000	1,900	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Acrylonitrile	107-13-1	µg/kg	1,100	11,000	100	<4.8	<3.9	<4	<4.6	<3.1	<4	<3.9	<3.8	<3.1	<3.2	<3.6	<3	<3.5	<3.1
Bromodichloromethane	75-27-4	µg/kg	1,100	92,000	40	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Bromomethane	74-83-9	µg/kg	33,900	1,000,000	100	<7.9	<6.5	<6.6	<7.7	<5.2	<6.6	<6.4	<6.4	<5.2	<5.4	<5.9	<5	<5.8	<5.2
Carbon tetrachloride	56-23-5	µg/kg	4,700	44,000	1,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Isopropylbenzene	98-82-8	µg/kg	500,000	1,000,000	18,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
m/p-Xylenes	179601-23-1	µg/kg				<3.2	<2.6	4.7	<3.1	<2.1	4.9	<2.6	<2.6	<2.1	<2.1	<2.4	<2	<2.3	<2.1
Naphthalene	91-20-3	µg/kg	1,000,000	2,500,000	56,000	<3.2	<2.6	<2.6	<3.1	<2.1	<2.7	<2.6	<2.6	<2.1	<2.1	<2.4	<2	<2.3	<2.1
o-Xylene	95-47-6	µg/kg				<1.6	<1.3	1.9	<1.5	<1	2.9	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Tetrachloroethylene	127-18-4	µg/kg	12,000	110,000	1,000	<1.6	<1.3	<1.3	<1.5	<1	<1.3	<1.3	<1.3	<1	<1.1	<1.2	<1	<1.2	<1
Xylene-Total		µg/kg	500,000	1,000,000	19,500	<BRL	<BRL	6.6	<BRL	<BRL	7.8	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**							14I1333/14I1333-04RE1SITE		14I1333/14I1333-06RE1SITE					
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	73	390	57	<11	250	42	**1600**	95	**880**	230	**880**	**590**	15	14
SOIL-CTETPH-SPLP			**.**	**.**	**2008 - 2013 CT DEEP RSR - 10X GWPC**														
CT ETPH	CT ETPH	mg/l			2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

mg/l = milligrams per liter
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
(ft.) = feet
GWPC = Groundwater Protection Criteria
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
SPLP = Synthetic Precipitation Leaching Procedure

I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations

Table 1b
Soil Analytical Results- VOCs and ETPH
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1382	14I1382	14I1382	14I1382	14I1382	14I1382	14J0143	14J0143	14J0143	14J0143	14K0811	14K0811	14K0811	14K0811
					Lab Sample No.:	14I1382-03SITE	1382-04-MethanolS	14I1382-05SITE	14I1382-08SITE	14I1382-06SITE	14I1382-07SITE	14J0143-01SITE	14J0143-02SITE	14J0143-03SITE	14J0143-04SITE	14K0811-01SITE	14K0811-02SITE	14K0811-06SITE	14K0811-07SITE
						SB-093014-112A	**SB-093014-112B**	**SB-093014-113A**	**SB-093014-113B**	**SB-093014-114A**	**SB-093014-114B**	**SB-100114-115A**	**SB-100114-115B**	**SB-100114-116A**	**SB-100114-116B**	**SB-111814-123A**	**SB-111814-123B**	**SB-111814-125A**	**SB-111814-125B**
Sample Depth (ft.)						**1-2**	**8-10**	**1-2**	**4-5**	**0.5-2**	**3-5**	**3-5**	**7.5-9.5**	**3-5**	**7.5-9.5**	**1-2**	**3-4**	**3-5**	**7-8**
Date Collected						**9/30/2014**	**9/30/2014**	**9/30/2014**	**9/30/2014**	**9/30/2014**	**9/30/2014**	**10/1/2014**	**10/1/2014**	**10/1/2014**	**10/1/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**
SOIL-8260C			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**														
1,1,1-Trichloroethane	71-55-6	µg/kg	500,000	1,000,000	40,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
1,2,4-Trimethylbenzene	95-63-6	µg/kg	500,000	1,000,000	2,400	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	9	800	600	<1.5	(<550)	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
1,2-Dibromoethane (EDB) (ethylene dibromide)	106-93-4	µg/kg	7	67	100	<0.73	(<55)	<0.72	<0.79	<0.55	<0.56	<1.7	<1.7	<1.2	<1.3	<0.53	<0.59	<0.71	<0.69
1,3,5-Trimethylbenzene	108-67-8	µg/kg	500,000	1,000,000	1,900	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Acrylonitrile	107-13-1	µg/kg	1,100	11,000	100	<4.4	(<550)	<4.3	<4.7	<3.3	<3.4	<9.9	<10	<7.3	<7.9	<3.2	<3.5	<4.3	<4.2
Bromodichloromethane	75-27-4	µg/kg	1,100	92,000	40	<1.5	(<110)	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Bromomethane	74-83-9	µg/kg	33,900	1,000,000	100	<7.3	(<220)	<7.2	<7.9	<5.5	<5.6	<17	<17	<12	<13	<5.3	<5.9	<7.1	<6.9
Carbon tetrachloride	56-23-5	µg/kg	4,700	44,000	1,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	4.9	<2.6	<1.1	<1.2	<1.4	<1.4
Isopropylbenzene	98-82-8	µg/kg	500,000	1,000,000	18,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
m/p-Xylenes	179601-23-1	µg/kg				<2.9	<220	<2.9	<3.2	<2.2	<2.2	<6.6	<6.8	<4.9	<5.2	<2.1	<2.4	<2.9	<2.8
Naphthalene	91-20-3	µg/kg	1,000,000	2,500,000	56,000	<2.9	<220	<2.9	<3.2	<2.2	<2.2	<6.6	<6.8	<4.9	<5.2	<2.1	<2.4	<2.9	<2.8
o-Xylene	95-47-6	µg/kg				<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Tetrachloroethylene	127-18-4	µg/kg	12,000	110,000	1,000	<1.5	<110	<1.4	<1.6	<1.1	<1.1	<3.3	<3.4	<2.4	<2.6	<1.1	<1.2	<1.4	<1.4
Xylene-Total		µg/kg	500,000	1,000,000	19,500	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**		14I1382/14I1382-04SITE												
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	26	**840**	23	420	93	43	27	**820**	140	440	190	140	**820**	440
SOIL-CTETPH-SPLP			**.**	**.**	**2008 - 2013 CT DEEP RSR - 10X GWPC**														
CT ETPH	CT ETPH	mg/l			2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.14	<0.075	0.38	0.13

DRAFT

Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

mg/l = milligrams per liter
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
(ft.) = feet
GWPC = Groundwater Protection Criteria
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
SPLP = Synthetic Precipitation Leaching Procedure

I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations

Table 1b
Soil Analytical Results- VOCs and ETPH
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811	14K0811
					Lab Sample No.:	14K0811-08SITE	14K0811-09SITE	14K0811-10SITE	14K0811-11SITE	14K0811-12SITE	14K0811-13SITE	14K0811-14SITE	14K0811-15SITE	14K0811-17SITE	14K0811-18SITE	14K0811-19SITE	14K0811-20SITE
.						**SB-111814-126A**	**SB-111814-126B**	**SB-111814-127A**	**SB-111814-127B**	**SB-111814-128A**	**SB-111814-128B**	**SB-111814-129A**	**SB-111814-129B**	**SB-111814-130A**	**SB-111814-130B**	**SB-111814-131A**	**SB-111814-131B**
Sample Depth (ft.)						**0.5-2**	**3-5**	**0.5-2**	**13-15**	**0.5-2**	**2-4**	**0.5-2**	**2-4**	**0-2**	**2-4**	**0.5-2**	**2-4**
Date Collected						**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**	**11/18/2014**
SOIL-8260C			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**												
1,1,1-Trichloroethane	71-55-6	µg/kg	500,000	1,000,000	40,000	<1.5	2.5	<1.3	<6.3	<1.4	3.3	<1.5	<1.5	<1.2	3.1	<1.1	<1.4
1,2,4-Trimethylbenzene	95-63-6	µg/kg	500,000	1,000,000	2,400	<1.5	<1.4	<1.3	11	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
1,2-Dibromo-3-chloropropane	96-12-8	µg/kg	9	800	600	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
1,2-Dibromoethane (EDB) (ethylene dibromide)	106-93-4	µg/kg	7	67	100	<0.74	<0.7	<0.65	<3.2	<0.69	<0.89	<0.75	<0.76	<0.58	<0.69	<0.57	<0.69
1,3,5-Trimethylbenzene	108-67-8	µg/kg	500,000	1,000,000	1,900	<1.5	<1.4	<1.3	19	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Acrylonitrile	107-13-1	µg/kg	1,100	11,000	100	<4.5	<4.2	<3.9	<19	<4.2	<5.3	<4.5	<4.5	<3.5	<4.1	<3.4	<4.2
Bromodichloromethane	75-27-4	µg/kg	1,100	92,000	40	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Bromomethane	74-83-9	µg/kg	33,900	1,000,000	100	<7.4	<7	<6.5	<32	<6.9	<8.9	<7.5	<7.6	<5.8	<6.9	<5.7	<6.9
Carbon tetrachloride	56-23-5	µg/kg	4,700	44,000	1,000	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Isopropylbenzene	98-82-8	µg/kg	500,000	1,000,000	18,000	<1.5	<1.4	<1.3	10	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
m/p-Xylenes	179601-23-1	µg/kg				<3	<2.8	<2.6	<13	<2.8	<3.6	<3	<3	<2.3	<2.7	<2.3	<2.8
Naphthalene	91-20-3	µg/kg	1,000,000	2,500,000	56,000	<3	<2.8	<2.6	77	<2.8	<3.6	<3	<3	<2.3	<2.7	<2.3	<2.8
o-Xylene	95-47-6	µg/kg				<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	<1.5	<1.2	<1.4	<1.1	<1.4
Tetrachloroethylene	127-18-4	µg/kg	12,000	110,000	1,000	<1.5	<1.4	<1.3	<6.3	<1.4	<1.8	<1.5	2.6	2.3	3.3	<1.1	<1.4
Xylene-Total		µg/kg	500,000	1,000,000	19,500	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**												
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	170	110	160	**10000**	220	240	320	230	**2800**	**2800**	120	**2000**
SOIL-CTETPH-SPLP			**.**	**.**	**2008 - 2013 CT DEEP RSR - 10X GWPC**												
CT ETPH	CT ETPH	mg/l			2.5	0.11	<0.075	0.44	1.2	0.1	<0.075	0.089	<0.075	0.4	0.21	<0.075	0.17

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Legend

1	Parameter reported at a concentration greater than applicable regulatory standard/criterion
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

mg/l = milligrams per liter
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
(ft.) = feet
GWPC = Groundwater Protection Criteria
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
SPLP = Synthetic Precipitation Leaching Procedure

I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations

Table 2
Soil Analytical Results- Station B Building
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774	14K0774
				Lab Sample No.:	14K0774-01SITE	14K0774-02SITE	14K0774-03SITE	14K0774-04SITE	14K0774-05SITE	14K0774-06SITE	14K0774-07SITE	14K0774-08SITE	14K0774-09SITE	14K0774-10SITE
.					**BS-111714-1**	**BS-111714-2**	**BS-111714-3**	**BS-111714-4**	**BS-111714-5**	**BS-111714-6**	**BS-111714-7**	**BS-111714-8**	**BS-111714-9**	**BS-111714-10**
Sample Depth (ft.)					**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**	**0-0.5**
Date Collected					**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**	**11/17/14**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**										
PCB-1016	12674-11-2	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1221	11104-28-2	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1232	11141-16-5	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1242	53469-21-9	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1248	12672-29-6	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1254	11097-69-1	mg/kg			<0.11	0.17	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1262	37324-23-5	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1268	11100-14-4	mg/kg			<0.11	<0.11	<0.11	<0.1	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1260	11096-82-5	mg/kg			0.12	0.26	<0.11	0.13	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCBs-Total		mg/kg	1	10	0.12	0.43	<BRL	0.13	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL
SOIL-Misc														
Solids, Total	TotSolids	%			92.8	88.9	91.4	91.7	90.8	91.9	89.3	91.3	91.1	84.9

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Legend

<1 Parameter not detected above the laboratory reporting limit

Notes:

mg/kg = milligrams per kilogram
(ft.) = feet
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 3
Groundwater Analytical Results
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1388	14I1339	14I1388	14I1339	14I1388	14I1339	14I1339	14I1339	14I1339	14I1339	14I1339	14I1388	14I1388
.					**Lab Sample No.:**	14I1388-10SITE	14I1339-11SITE	14I1388-08SITE	14I1339-09SITE	14I1388-07SITE	14I1339-07SITE	14I1339-01SITE	14I1339-08SITE	14I1339-03SITE	14I1339-02SITE	14I1339-06SITE	14I1388-09SITE	14I1388-11SITE
.						**MW-4S**	**MW-5**	**MW-7**	**MW-9A**	**MW-12**	**MW-16**	**MW-17d**	**MW-18**	**MW-19**	**MW-21**	**MW-21 DUP**	**MW-22**	**MW-A**
Date Collected						**09/30/14**	**09/29/14**	**09/30/14**	**09/29/14**	**09/30/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/30/14**	**09/30/14**
WATER-8260C			**2008 - 2013 CT DEEP RSR - Res GWVC**	**2008 - 2013 CT DEEP RSR - I/C GWVC**	**2008 - 2013 CT DEEP RSR - SWPC**													
1,1-Dichloroethane	75-34-3	µg/l	34,600	50,000	4,100	<0.5	<0.5	<0.5	<0.5	1.1	<0.5	<0.5	0.61	<0.5	<0.5	<0.5	<0.5	<0.5
1,4-Dichlorobenzene	106-46-7	µg/l	50,000	50,000	26,000	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Acrylonitrile	107-13-1	µg/l	2.4	93.6	20	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2
Bromomethane	74-83-9	µg/l	32	389	0.5	(<2)	(<1)	(<2)	(<1)	(<2)	(<1)	(<1)	(<1)	(<1)	(<1)	(<1)	(<2)	(<2)
Chlorobenzene	108-90-7	µg/l	1,800	6,150	420,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
cis-1,2-Dichloroethylene	156-59-2	µg/l	928	11,472	6,200	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Methyltertbutyl ether	1634-04-4	µg/l	50,000	50,000	10,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vinyl chloride	75-01-4	µg/l	2	2	15,750	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WATER-680			**.**	**.**	**2008 - 2013 CT DEEP RSR - SWPC**													
Heptachlorobiphenyls	28655-71-2	µg/l				<0.003	<0.003	<0.003	<0.003	<0.003	0.032	0.0076	<0.003	<0.003	0.021	0.0047	<0.003	<0.003
Hexachlorobiphenyls	26601-64-9	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	0.038	0.011	<0.002	<0.002	0.034	0.011	<0.002	<0.002
Pentachlorobiphenyls	25429-29-2	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	0.0049	<0.002	<0.002	<0.002	0.0059	<0.002	<0.002	<0.002
PCBs total	1336-36-3	µg/l			0.5	0.0	0.0	0.0	0.0	0.0	0.075	0.019	0.0	0.0	0.061	0.015	0.0	0.0

DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

µg/l = micrograms per liter
(ft.) = feet
SWPC = Surface Water Protection Criteria
I/C GWVC = Industrial/Commercial Volatilization Criteria for Groundwater
Res GWVC = Residential Volatilization Criteria for Groundwater
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 3
Groundwater Analytical Results
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I1388	14I1388	14I1388	14I1339	14I1339	14I1339	14I1388	14I1388	14I1339
.					Lab Sample No.:	14I1388-03SITE	14I1388-05SITE	14I1388-06SITE	14I1339-05SITE	14I1339-12SITE	14I1339-10SITE	14I1388-04SITE	14I1388-02SITE	14I1339-04SITE
.						**MW-BD**	**MW-BS**	**MW-C**	**MW-D**	**MW-E**	**MW-H**	**MW-J**	**MW-K**	**MW-P**
Date Collected						**09/30/14**	**09/30/14**	**09/30/14**	**09/29/14**	**09/29/14**	**09/29/14**	**09/30/14**	**09/30/14**	**09/29/14**
WATER-8260C			**2008 - 2013 CT DEEP RSR - Res GWVC**	**2008 - 2013 CT DEEP RSR - I/C GWVC**	**2008 - 2013 CT DEEP RSR - SWPC**									
1,1-Dichloroethane	75-34-3	µg/l	34,600	50,000	4,100	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
1,4-Dichlorobenzene	106-46-7	µg/l	50,000	50,000	26,000	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Acrylonitrile	107-13-1	µg/l	2.4	93.6	20	<2	<2	<2	<2	<2	<2	(<4)	<2	<2
Bromomethane	74-83-9	µg/l	32	389	0.5	(<2)	(<2)	(<2)	(<1)	(<1)	(<1)	(<4)	(<2)	(<1)
Chlorobenzene	108-90-7	µg/l	1,800	6,150	420,000	0.92	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
cis-1,2-Dichloroethylene	156-59-2	µg/l	928	11,472	6,200	5	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Methyltertbutyl ether	1634-04-4	µg/l	50,000	50,000	10,000	0.56	<0.5	<0.5	<0.5	<0.5	<0.5	<1	<0.5	<0.5
Vinyl chloride	75-01-4	µg/l	2	2	15,750	1.4	<1	<1	<1	<1	<1	<2	<1	<1
WATER-680			**.**	**.**	**2008 - 2013 CT DEEP RSR - SWPC**									
Heptachlorobiphenyls	28655-71-2	µg/l				<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Hexachlorobiphenyls	26601-64-9	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Pentachlorobiphenyls	25429-29-2	µg/l				<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
PCBs total	1336-36-3	µg/l			0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
( )	Indicates the laboratory reporting limit is greater than one or more applicable comparison criteria
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

µg/l = micrograms per liter
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SWPC = Surface Water Protection Criteria
I/C GWVC = Industrial/Commercial Volatilization Criteria for Groundwater
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PCBs = Polychlorinated Biphenyls

Table 4
Sediment Analytical Results- Catch Basin (CB-4)
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

					Lab Report No.:	14I0638
.					**Lab Sample No.:**	14I0638-01SITE
.						**CB-091514-1**
Date Collected						**9/15/2014**
SOIL-8260B			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**	ND
SOIL-CTETPH			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	**2008 - 2013 CT DEEP RSR - GB PMC**	
CT ETPH	CT ETPH	mg/kg	500	2,500	2,500	**160000**
SOIL-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**		
PCB-1016	12674-11-2	mg/kg				<0.12
PCB-1221	11104-28-2	mg/kg				<0.12
PCB-1232	11141-16-5	mg/kg				<0.12
PCB-1242	53469-21-9	mg/kg				<0.12
PCB-1248	12672-29-6	mg/kg				<0.12
PCB-1254	11097-69-1	mg/kg				0.35
PCB-1260	11096-82-5	mg/kg				<0.12
PCB-1262	37324-23-5	mg/kg				<0.12
PCB-1268	11100-14-4	mg/kg				<0.12
PCBs-Total		mg/kg	1	10		0.35
SOIL-Misc						
Solids, Total	TotSolids	%				80.4

DRAFT

Legend

1	Parameter reported at a concentration greater than RSR regulatory standard/criterion

Notes:

mg/kg = milligrams per kilogram
(ft.) = feet
GB PMC = Groundwater Class 'GB' Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
Res DEC = Residential Direct Exposure Criteria
ETPH = Extractable Total Petroleum Hydrocarbons
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

Table 5
Sediment Analytical Results- Cooling Water Discharge Tunnel
Former English Station
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

				Lab Report No.:	14K0893
.				**Lab Sample No.:**	14K0893-01SITE
.					**DT-111914-1**
Date Collected					**11/19/14**
SLUDGE-PCBs-8082			**2008 - 2013 CT DEEP RSR - Res DEC**	**2008 - 2013 CT DEEP RSR - I/C DEC**	
PCB-1016	12674-11-2	mg/kg			<0.23
PCB-1221	11104-28-2	mg/kg			<0.23
PCB-1232	11141-16-5	mg/kg			<0.23
PCB-1242	53469-21-9	mg/kg			<0.23
PCB-1262	37324-23-5	mg/kg			<0.23
PCB-1268	11100-14-4	mg/kg			<0.23
PCB-1248	12672-29-6	mg/kg			0.67
PCB-1254	11097-69-1	mg/kg			0.78
PCB-1260	11096-82-5	mg/kg			0.33
PCBs-Total		mg/kg	1	10	**1.78**
SLUDGE-Misc					
Solids, Total	TotSolids	%			41.8

Legend

1	Parameter reported at a concentration greater than RSR regulatory standard/criterion

Notes:

mg/kg = milligrams per kilogram
(ft.) = feet
SWPC = Surface Water Protection Criteria
I/C GWVC = Industrial/Commercial Volatilization Criteria for Groundwater
Res GWVC = Residential Volatilization Criteria for Groundwater
NA = Not Submitted for Analysis
CT DEEP = Connecticut Department of Energy and Environmental Protection
RSR = Remediation Standard Regulations
PCBs = Polychlorinated Biphenyls

DRAFT

Table 6
Laboratory Analytical Results-
PCB Wipe Samples
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

Lab Report No.:			14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14J0264	14K0952	14K0952
Lab Sample No.:			14J0264-01SITE	14J0264-02SITE	14J0264-03SITE	14J0264-04SITE	14J0264-05SITE	14J0264-06SITE	14J0264-07SITE	14J0264-08SITE	14J0264-09SITE	14J0264-10SITE	14J0264-11SITE	14J0264-12SITE	14J0264-13SITE	14J0264-14SITE	14J0264-15SITE	14J0264-16SITE	14K0952-01 1SITE	14K0952-02 1SITE
.			**WS-100614-01**	**WS-100614-02**	**WS-100614-03**	**WS-100614-04**	**WS-100614-05**	**WS-100614-06**	**WS-100614-07**	**WS-100614-08**	**WS-100614-09**	**WS-100614-10**	**WS-100614-11**	**WS-100614-12**	**WS-100614-13**	**WS-100614-14**	**WS-100614-15**	**WS-100614-16**	**WS-112014-17**	**WS-112014-18**
Date Collected			**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**10/06/14**	**11/20/14**	**11/20/14**
WIPE-PCBs-8082																				
PCB-1016	12674-11-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1221	11104-28-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1232	11141-16-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1242	53469-21-9	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1248	12672-29-6	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1254	11097-69-1	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1260	11096-82-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1262	37324-23-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1268	11100-14-4	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCBs-Total		ug	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL

DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

(ft.) = feet
PCBs = Polychlorinated Biphenyls

Table 6
Laboratory Analytical Results-
PCB Wipe Samples
510 Grand Avenue, New Haven, CT
HRP # UNI3932.P2

Lab Report No.:			14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952	14K0952
Lab Sample No.:			14K0952-03 1SITE	14K0952-04 1SITE	14K0952-05 1SITE	14K0952-06 1SITE	14K0952-07 1SITE	14K0952-08 1SITE	14K0952-09 1SITE	14K0952-10 1SITE	14K0952-11 1SITE	14K0952-12 1SITE	14K0952-13 1SITE	14K0952-14 1SITE	14K0952-15 1SITE	14K0952-16 1SITE	14K0952-17 1SITE	14K0952-18 1SITE	14K0952-19 1SITE	14K0952-20 1SITE
.			**WS-112014-19**	**WS-112014-20**	**WS-112014-21**	**WS-112014-22**	**WS-112014-23**	**WS-112014-24**	**WS-112014-25**	**WS-112014-26**	**WS-112014-27**	**WS-112014-28**	**WS-112014-29**	**WS-112014-30**	**WS-112014-31**	**WS-112014-32**	**WS-112014-33**	**WS-112014-34**	**WS-112014-35**	**WS-112014-36**
Date Collected			**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**	**11/20/14**
WIPE-PCBs-8082																				
PCB-1016	12674-11-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1221	11104-28-2	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1232	11141-16-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1242	53469-21-9	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1248	12672-29-6	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1254	11097-69-1	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1260	11096-82-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1262	37324-23-5	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCB-1268	11100-14-4	ug	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
PCBs-Total		ug	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL	<BRL

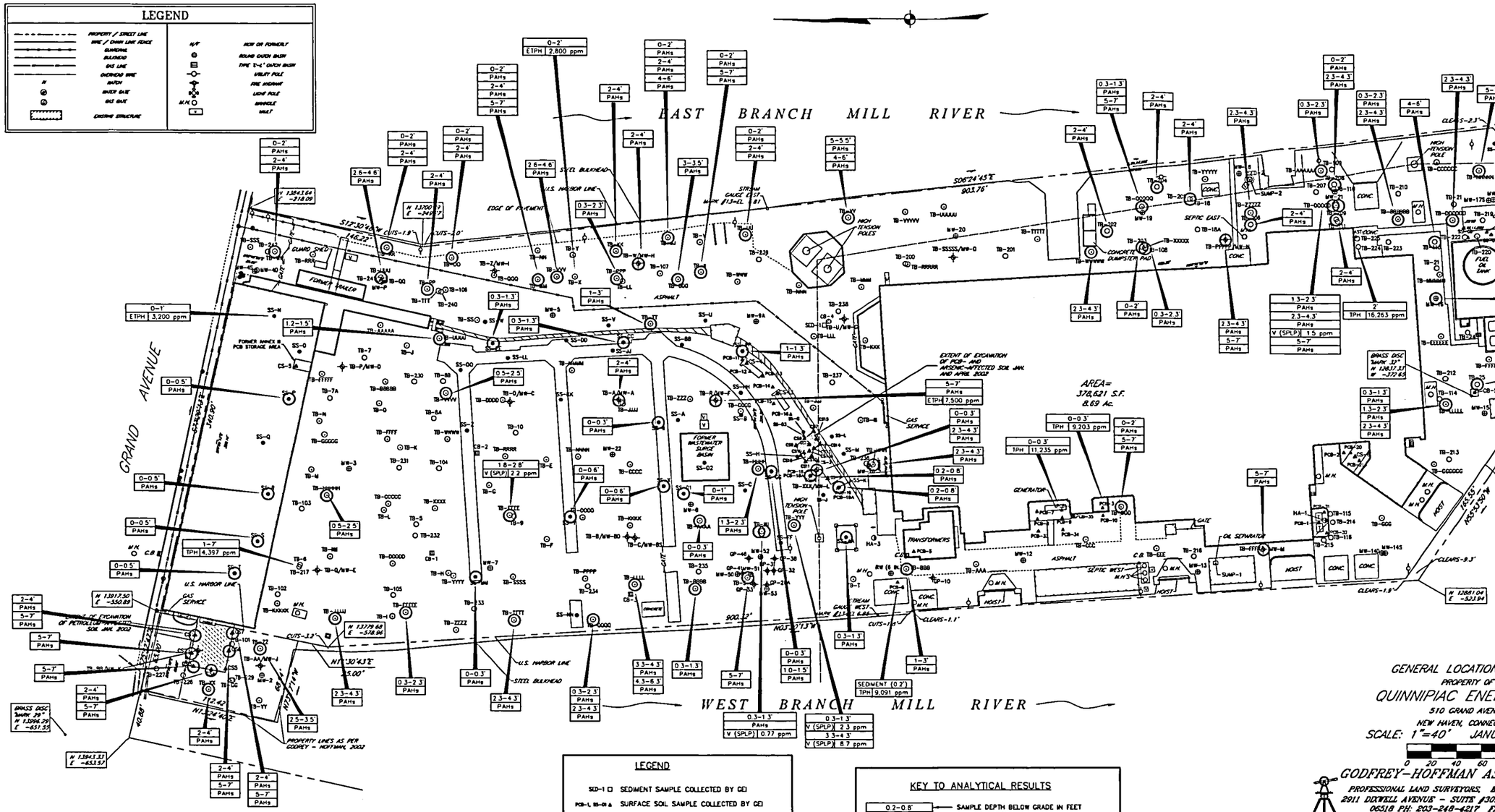
DRAFT

Legend

<1	Parameter not detected above the laboratory reporting limit
BRL	Parameter consists of multiple isomers and were not detected above the laboratory reporting limit

Notes:

(ft.) = feet
PCBs = Polychlorinated Biphenyls



NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THRU 20-300B-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.,
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS "A-2"; THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS "T-2" AND THE VERTICAL ACCURACY CONFORMS TO CLASS "V-2".
   B) THE BOUNDARY DETERMINATION CATEGORY IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "GENERAL LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A. U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
      BY: THE U.S. ARMY CORPS OF ENGINEERS
      DATED 1957
   B. LIMITED ILLUMINATING CO.
      BY: CHARLES A. GAHN
      DATED MARCH 1951
   C. ENGLISH STATION
      BY: GORDON BLIDES
      REVISED JUNE 1, 2000
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).

LEGEND

SED-1 □	SEDIMENT SAMPLE COLLECTED BY GEI
PCB-1, SS-01 ▲	SURFACE SOIL SAMPLE COLLECTED BY GEI
HA-1 ⊙	HAND AUGER SOIL SAMPLE COLLECTED BY GEI
CS-1 ▲	CONCRETE CHIP SAMPLE COLLECTED BY GEI
SS-A ●	SURFACE SOIL SAMPLE COLLECTED BY AEI
CS1 ▲	CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
TB-A ○	TEST BORING INSTALLED BY AEI
TB-1 ○	TEST BORING INSTALLED BY GEI
TB-W/MW-H ✚	GROUND WATER MONITORING WELL INSTALLED BY AEI
MW-1 ⊕	GROUND WATER MONITORING WELL INSTALLED BY OTHERS
GP-4 ✚	GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	CONSTITUENT/CONCENTRATION IN ppm
ppm	PARTS PER MILLION
SPLP	SYNTHETIC PRECIPITATION LEACHATE PROCEDURE
ETPH/TPH	EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
PAHs ○	POLYAROMATIC HYDROCARBONS
V ○	VANADIUM

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) GB POLLUTANT MOBILITY CRITERIA (PMC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE PMC OF THE ASSOCIATED ANALYTE.
3. BASED ON EIGHT ROUNDS OF GROUND WATER GAUGING PERFORMED AT THE SITE FROM NOVEMBER 1991 TO AUGUST 1992, THE SEASONAL HIGH WATER TABLE IS APPROXIMATELY 2-8 FEET BELOW GRADE.

GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

0 20 40 60 80 100

GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
2911 DIXWELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT
06518 PH: 203-248-4217 FAX: 203-248-4381
www.godfreyhoffman.com
PROJECT: 01-182 SHEET 1 OF 1

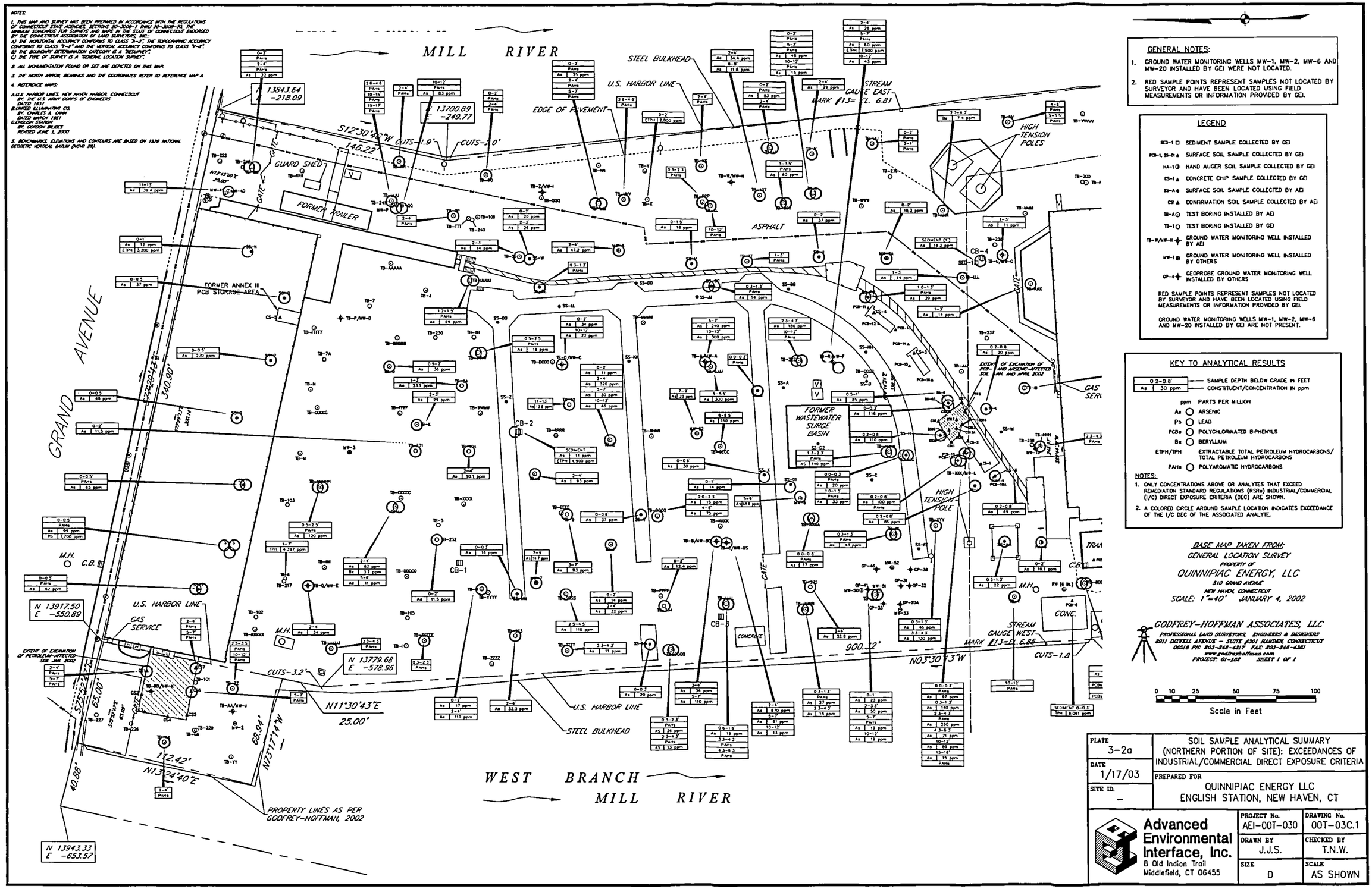
PLATE 3-1	SOIL SAMPLE ANALYTICAL SUMMARY: EXCEEDANCES OF GB POLLUTANT MOBILITY CRITERIA
DATE 1/16/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030	DRAWING No. 00T-03D
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300B-1 THRU 20-300B-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.:
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS "A-2". THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS "T-4" AND THE VERTICAL ACCURACY CONFORMS TO CLASS "V-4".
   B) THE BOUNDARY DETERMINATION CATEGORY IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "GENERAL LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A. U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
      BY: THE U.S. ARMY CORPS OF ENGINEERS
      DATED 1851
   B. UNITED ILLUMINATING CO.
      BY: CHARLES A. GAHN
      DATED MARCH 1851
   C. ENGLISH STATION
      BY: GORDON BILKES
      REVISED JUNE 1, 2000
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).



GENERAL NOTES:

1. GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI WERE NOT LOCATED.
2. RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

LEGEND

SED-1 □	SEDIMENT SAMPLE COLLECTED BY GEI
PCB-L SS-01 ▲	SURFACE SOIL SAMPLE COLLECTED BY GEI
HA-1 ⊙	HAND AUGER SOIL SAMPLE COLLECTED BY GEI
CS-1 ▲	CONCRETE CHIP SAMPLE COLLECTED BY GEI
SS-A ●	SURFACE SOIL SAMPLE COLLECTED BY AEI
CS1 ▲	CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
TB-A ⊙	TEST BORING INSTALLED BY AEI
TB-1 ○	TEST BORING INSTALLED BY GEI
TB-W/MW-H ✚	GROUND WATER MONITORING WELL INSTALLED BY AEI
MW-1 ⊕	GROUND WATER MONITORING WELL INSTALLED BY OTHERS
GP-4 ✚	GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	CONSTITUENT/CONCENTRATION IN ppm

ppm	PARTS PER MILLION
As ○	ARSENIC
Pb ○	LEAD
PCBs ○	POLYCHLORINATED BIPHENYLS
Be ○	BERYLLIUM
ETPH/TPH	EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
PAHs ○	POLYAROMATIC HYDROCARBONS

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) INDUSTRIAL/COMMERCIAL (I/C) DIRECT EXPOSURE CRITERIA (DEC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE I/C DEC OF THE ASSOCIATED ANALYTE.

BASE MAP TAKEN FROM:
GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

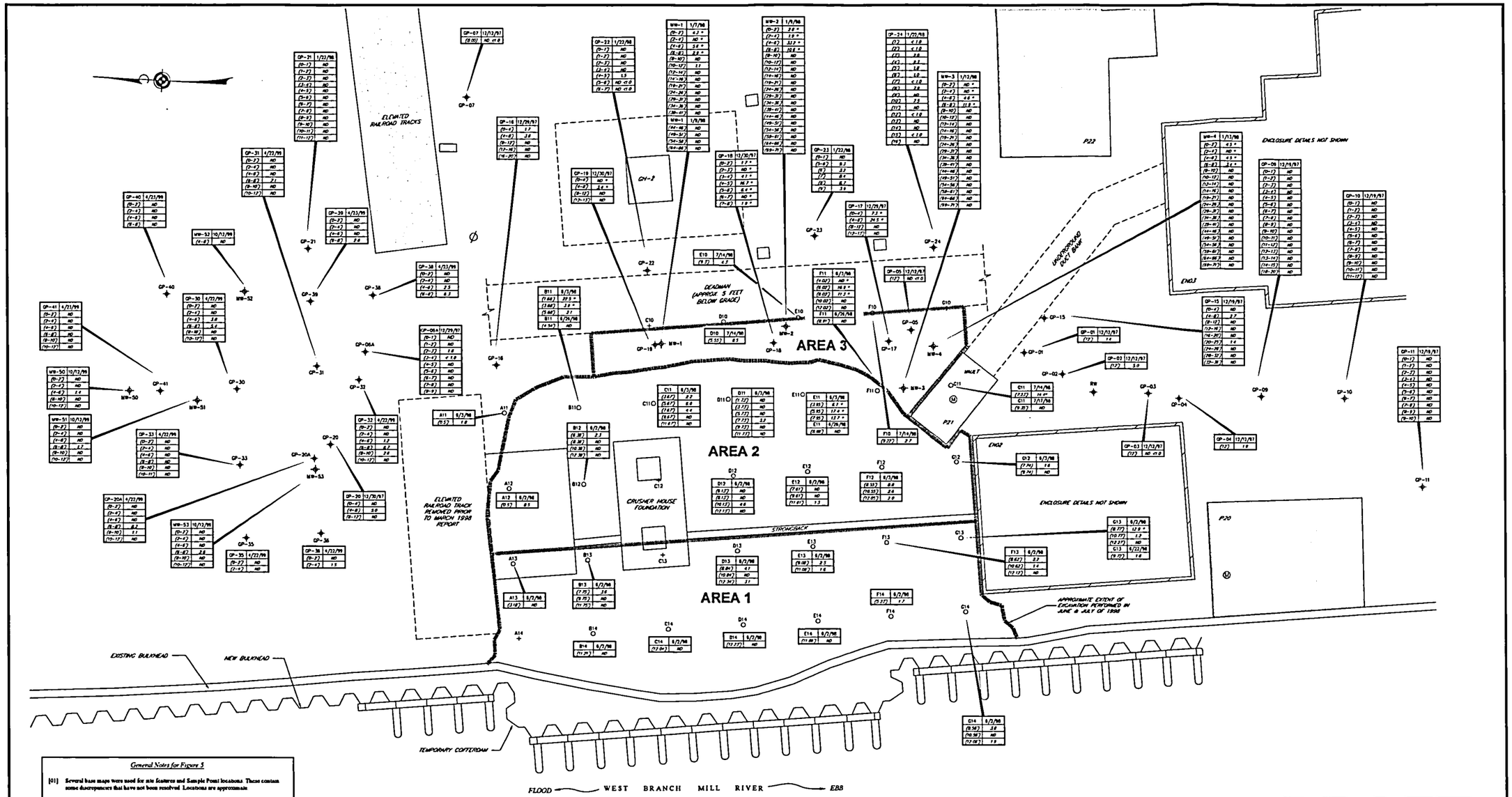
GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
8911 DUTTELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT 06518 PH: 203-248-4217 FAX: 203-248-4381
www.godfreyhoffman.com
PROJECT: 01-188 SHEET 1 OF 1

0 10 25 50 75 100
Scale in Feet

PLATE 3-2a	SOIL SAMPLE ANALYTICAL SUMMARY (NORTHERN PORTION OF SITE): EXCEEDANCES OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
DATE 1/17/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030	DRAWING No. 00T-03C.1
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN



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SCALE: 1 INCH = 5 FEET

0 2 5 10
SCALE IN FEET

General Notes for Figure 5

[01] Several base maps were used for site features and Sample Point locations. These contain some discrepancies that have not been resolved. Locations are approximate.

[02] Structural details have not been shown within enclosures *EN02* and *EN03*.

[03] Enclosures *EN02* and *EN03* are enclosed by four concrete walls. Enclosure is not synonymous with containment.

[04] Callout boxes give the following data: Sample Point identification, date sample was collected, sample depth in feet below original grade (shown in parentheses), and results in milligrams per kilogram.

[05] Reportedly, ND equals "not detected, less than the minimum detection limit (MDL) of 1.0 milligrams per kilogram".

[06] Four concrete chip samples were taken on 25 June 1998. All were reported as ND. The sampling locations are not known. Locations are also not known for several soil sample points.

[07] Thirty-one soil samples reported collected from the excavation area were also tested for leachable PCBs using the synthetic precipitation leachate procedure (SPLP). SPLP PCBs were not detected in those samples.

[08] Additional recent sample results for this Area are shown on Figures 4N, 4S, 6, A3.3a, and A3.3b. The excavations for PCB Remediation Areas 1, 2, and 3 have been backfilled. Monitoring wells and Geoprobe ® wells shown within Remediation Area 3 no longer exist. Construction of the new bulkhead has been completed.

[09] Data sources for Figure 5 include documents from:
The United Illuminating Company;
Ocean and Coastal Consultants, Inc.;
GEI Consultants, Inc.;
Envirosheld, Inc.;
Connecticut Testing Laboratories, Inc.; and
Complete Environmental Testing, Inc.

[10] This Figure is not intended for construction purposes.

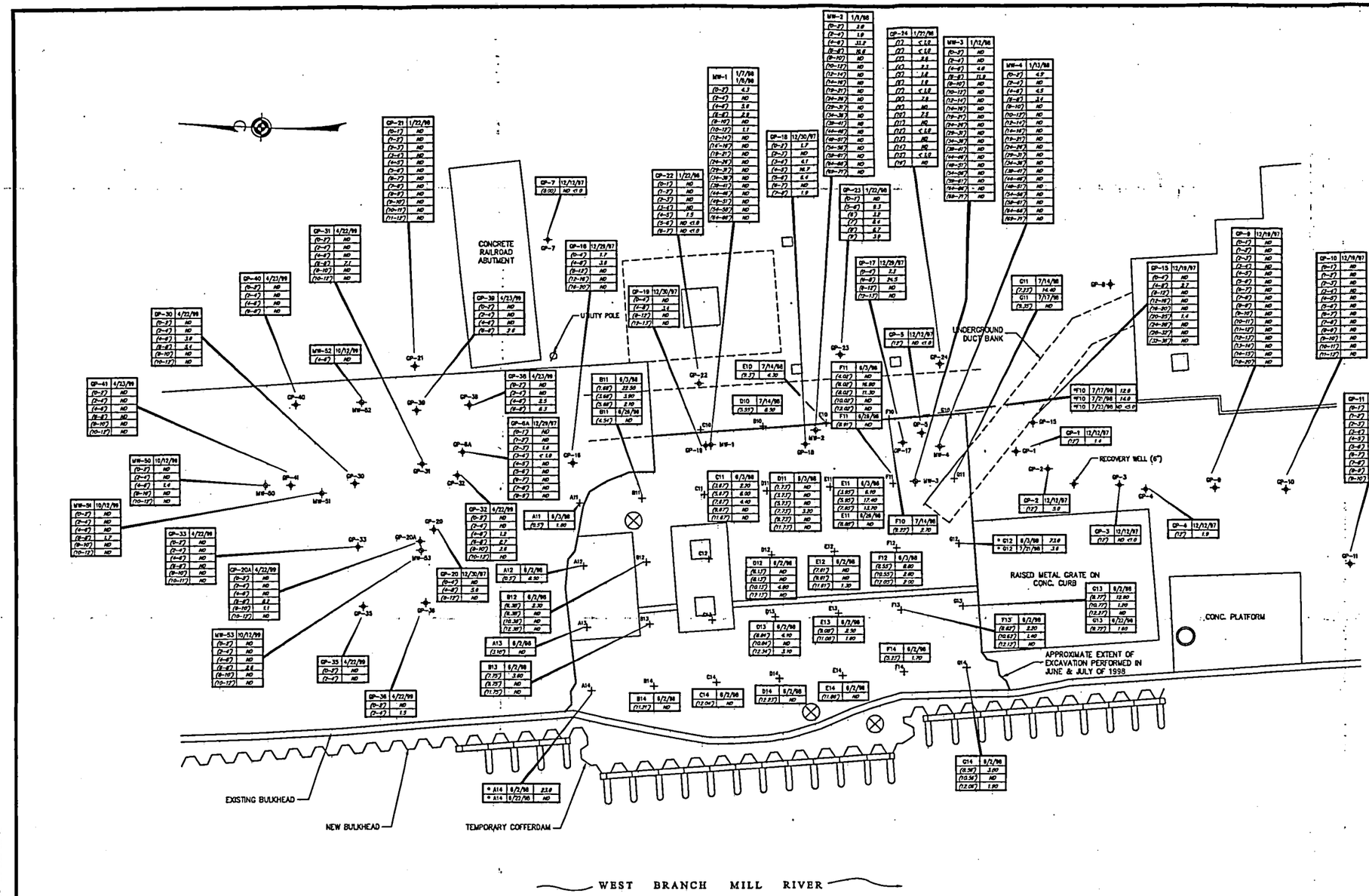
LEGEND

C12 +	GRID LOCATION – NO SOIL DATA REPORTED
C11 O	SOIL SAMPLE TAKEN BY OTHERS
MW-51	SOIL SAMPLE FROM GROUNDWATER MONITORING WELL
GP-02	SOIL SAMPLE FROM GEOPROBE MONITORING WELL
11.5 *	SOIL AT THIS DEPTH WAS EXCAVATED AND DISPOSED OF OFFSITE
(9-17)	DEPTH OF SOIL SAMPLE TAKEN IN FEET BELOW ORIGINAL GRADE
	CONCRETE WALL
	APPROXIMATE EXTENT OF EXCAVATION
	CONCRETE PAD
	CONCRETE PAD (ELEVATED)
Ø	UTILITY POLE

FIGURE 5	SUMMARY OF UNITED ILLUMINATING'S SOIL AND CONCRETE PCB RESULTS FOR BULKHEAD REMEDIATION AREA
DATE 3/1/10	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, 510 GRAND AVENUE NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-030e	DRAWING No. 00T-04F
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN



LEGEND

- + CONFIRMATORY SOIL SAMPLE
- MW-1 FORMER GROUNDWATER MONITORING WELL
- GP-1 FORMER GEOPROBE MONITORING WELL
- ⊗ FORMER 30" DEWATERING WELL
- * G12 BULKHEAD DEADMAN WIPE SAMPLE

NOTES:

1. REPORTEDLY, ND EQUALS "NOT DETECTED, LESS THAN THE MINIMUM DETECTION LIMIT (MDL) OF 1.0 MILLIGRAMS PER KILOGRAM (mg/kg)."
2. UNITS ARE mg/kg.
3. SAMPLE DEPTH IN FEET BELOW GRADE IS SHOWN IN PARENTHESES.
4. MONITORING WELL AND GEOPROBE LOCATIONS ARE APPROXIMATE.
5. DATES SHOWN ARE FOR SAMPLE COLLECTION.
6. PCB RESULTS ARE AS REPORTED BY UL
7. TWENTY-EIGHT SOIL SAMPLES COLLECTED FROM ABOVE OR AT/NEAR THE GROUND WATER TABLE IN THE VICINITY OF THE EXCAVATION ALSO WERE TESTED FOR LEACHABLE PCBs USING THE SYNTHETIC PRECIPITATION LEACHATE PROCEDURE (SPLP). SPLP PCBs WERE NOT DETECTED IN THOSE SAMPLES TESTED.

SOURCE:

OCEAN AND COASTAL CONSULTANTS, INC., MAY 8, 1998. REMEDIATION AND SAMPLING PLAN. DRAWING No. 97062RS1-1.

0 4 8 12 16 24 32

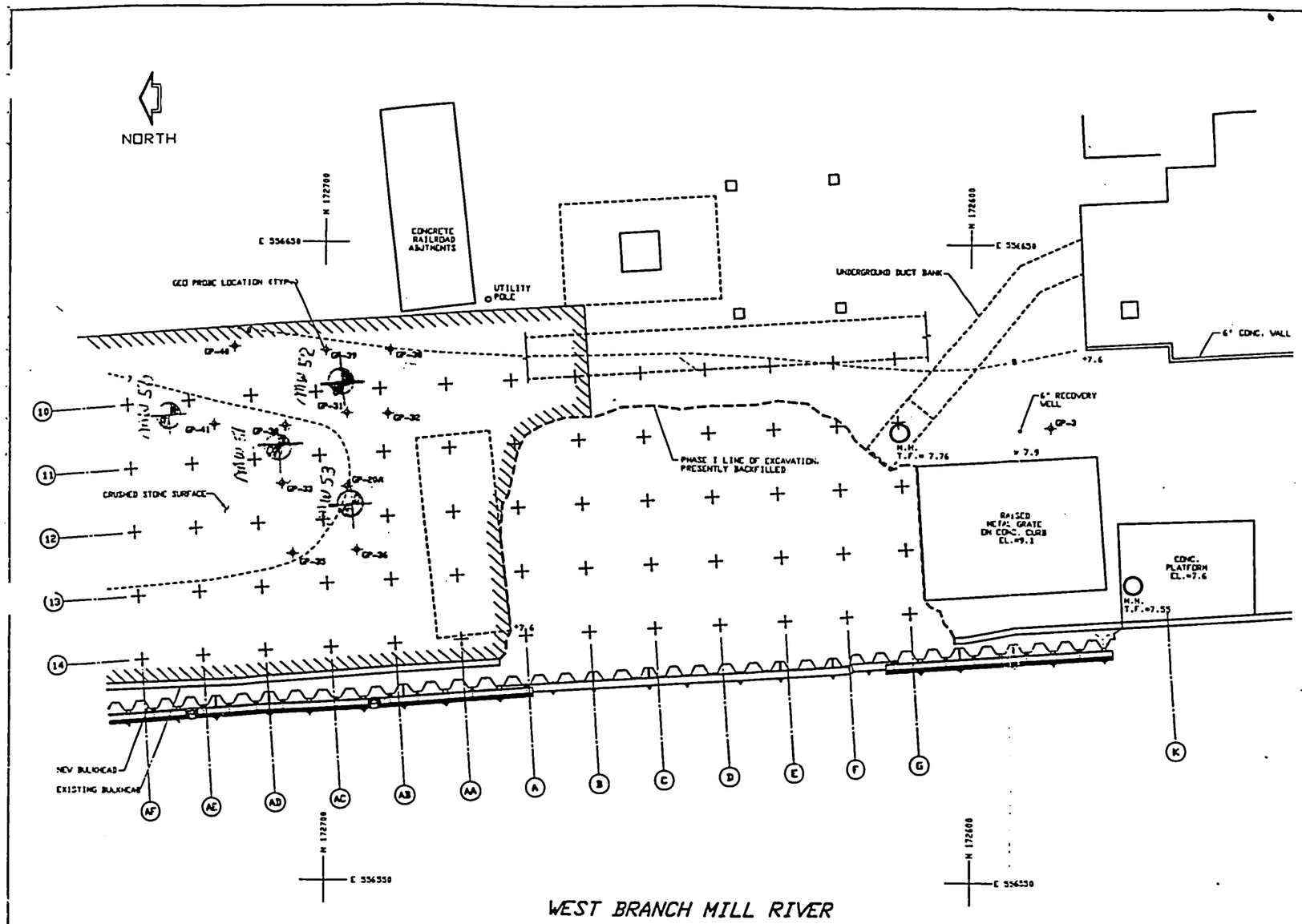
Scale in Feet

FIGURE AOC-5.1	SUMMARY OF SOIL SAMPLE PCB RESULTS FOR REMEDIATION AREA (AOC-5)
DATE 7/1/02	PREPARED FOR QUINNIPIAC ENERGY, LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No. AEI-00T-30	DRAWING No. 00T-03B
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

\\Cs10\A-SERVE\Clients\AEI\D-Energy\00T-03B.dwg Wed Jul 03 10:45:20 2002 The CADD Source



PCB MONITORING SOIL SAMPLE LEVELS

SAMPLE IDENT.	SAMPLE DEPTH	TEST RESULT mg/kg	SAMPLE DATE	ANALYSIS DATE	GRID LOCATION
GP-28A	0'-2'	ND	4/22/99	4/26/99	AC-12
	2'-4'	ND	4/22/99	4/26/99	AC-12
	4'-6'	ND	4/22/99	4/26/99	AC-12
	6'-8'	8.2	4/22/99	4/26/99	AC-12
	8'-10'	1.1	4/22/99	4/26/99	AC-12
	10'-12'	ND	4/22/99	4/26/99	AC-12
GP-30	0'-2'	ND	4/22/99	4/26/99	AD-11
	2'-4'	ND	4/22/99	4/26/99	AD-11
	4'-6'	3.8	4/22/99	4/26/99	AD-11
	6'-8'	5.4	4/22/99	4/26/99	AD-11
	8'-10'	ND	4/22/99	4/26/99	AD-11
	10'-12'	ND	4/22/99	4/26/99	AD-11
GP-31	0'-2'	ND	4/22/99	4/27/99	AC-11
	2'-4'	ND	4/22/99	4/27/99	AC-11
	4'-6'	ND	4/22/99	4/28/99	AC-11
	6'-8'	7.1	4/22/99	4/27/99	AC-11
	8'-10'	ND	4/22/99	4/27/99	AC-11
	10'-12'	ND	4/22/99	4/28/99	AC-11
GP-32	0'-2'	ND	4/22/99	4/29/99	AB-11
	2'-4'	ND	4/22/99	4/28/99	AB-11
	4'-6'	1.2	4/22/99	4/28/99	AB-11
	6'-8'	8.7	4/22/99	4/28/99	AB-11
	8'-10'	2.6	4/22/99	4/28/99	AB-11
	10'-12'	ND	4/22/99	4/29/99	AB-11
GP-33	0'-2'	ND	4/22/99	4/29/99	AD-12
	2'-4'	ND	4/22/99	4/29/99	AD-12
	4'-6'	ND	4/22/99	4/29/99	AD-12
	6'-8'	ND	4/22/99	4/29/99	AD-12
	8'-10'	ND	4/22/99	4/29/99	AD-12
	10'-11'	ND	4/22/99	4/29/99	AD-12
GP-35	0'-2'	ND	4/22/99	4/29/99	AD-13
	2'-4'	ND	4/22/99	4/29/99	AD-13
GP-36	0'-2'	ND	4/22/99	4/29/99	AC-13
	2'-4'	1.5	4/22/99	4/29/99	AC-13
GP-38	0'-2'	ND	4/23/99	5/6/99	AB-10
	2'-4'	ND	4/23/99	5/6/99	AB-10
	4'-6'	2.5	4/23/99	5/7/99	AB-10
	6'-8'	6.3	4/23/99	5/7/99	AB-10
GP-39	0'-2'	ND	4/23/99	5/5/99	AC-10
	2'-4'	ND	4/23/99	5/5/99	AC-10
	4'-6'	ND	4/23/99	5/5/99	AC-10
	6'-8'	2.6	4/23/99	5/5/99	AC-10
GP-40	0'-2'	ND	4/23/99	5/4/99	AC-10
	2'-4'	ND	4/23/99	5/4/99	AC-10
	4'-6'	ND	4/23/99	5/4/99	AC-10
	6'-8'	ND	4/23/99	5/5/99	AC-10
GP-41	0'-2'	ND	4/23/99	4/30/99	AC-11
	2'-4'	ND	4/23/99	4/30/99	AC-11
	4'-6'	ND	4/23/99	5/3/99	AC-11
	6'-8'	ND	4/23/99	5/3/99	AC-11
	8'-10'	ND	4/23/99	5/4/99	AC-11
	10'-12'	ND	4/23/99	5/4/99	AC-11

R. BLASKEY
SEP 10 1999

PROPOSED LOCATION OF
40 MW WELL

OCEAN AND COASTAL CONSULTANTS, INC.
25 CORPORATE DRIVE, TRUMBULL CT 06611
(203) 268 5007 FAX (203) 268 0821

SEE LAYER 'README' FOR DESCRIPTIONS

No	Date	Revision	By	Chkd	Engr	Supv

United Illuminating
PositivEnergy

Drawn R.T.B. | Date 6/29/99 | Scale 1"=8'-0"
Chkd. J.V.B. | Design Engr J.V.B. | Design Supv.

ENGLISH STATION - NEW HAVEN BULKHEAD REHABILITATION
PHASE II - PCB MONITORING PLAN
SOIL SAMPLE LEVELS

CAD FILE NAME: 97062\GEN7 (8) | SEQUENCE No. | DRAWING NUMBER: 97062RSI-7

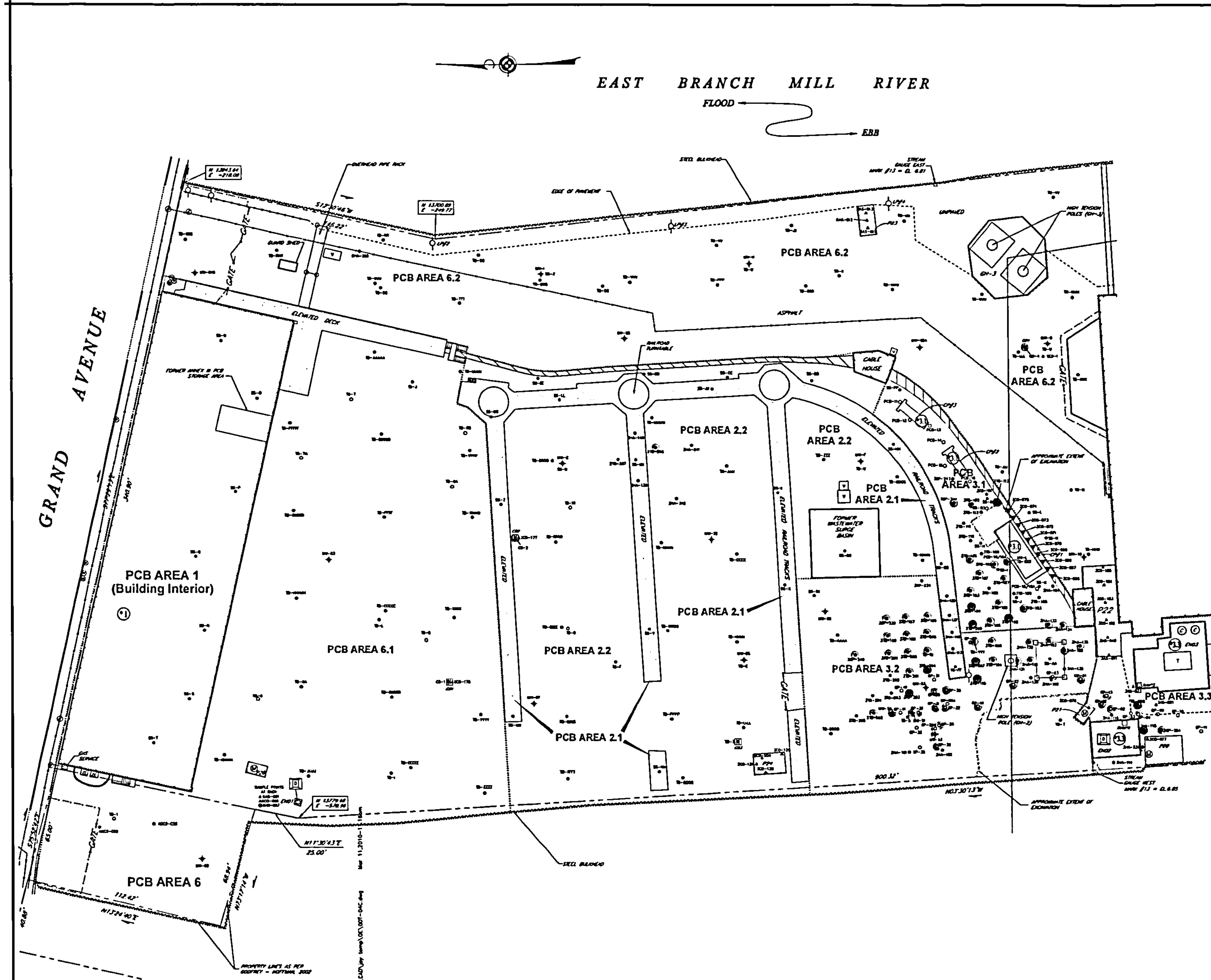


Figure	Sample Point	Sample Matrix	Depth (feet)	PCB Area	PCB Subarea	Sampling Date	Mass Analysis Result	Mass Cleanup Criterion
3N, 4N, 6	2TB-206	Soil	0.0-0.3	2	2.2	11-18-2004	3.0	10.0
3N, 4N, 6	2TB-206	Soil	4.3-6.3	2	2.2	11-18-2004	1.44	10.0
3N, 4N, 6	3GP-238	Soil	0.5-1.5	3	3.2	12-16-2004	2.4	10.0
3N, 4N, 6	3GP-238	Soil	1.5-3.0	3	3.2	12-16-2004	1.1	10.0
3N, 4N, 6	3GP-240	Soil	0.5-1.3	3	3.2	12-16-2004	1.2	10.0
3N, 4N, 6	3GP-240	Soil	1.3-1.0	3	3.2	12-16-2004	4.6	10.0
3N, 4N, 6	3GP-244	Soil	0.5-1.3	3	3.1	12-16-2004	6.6	10.0
3S, 4S, 6	3GP-254	Soil	0.5-1.0	3	3.3	12-16-2004	4.1	10.0
3N, 4N, 6	3HA-101	Soil	0.5-0.8	3	3.2	10-25-2004	5.2	10.0
3N, 4N, 6	3HA-101	Soil	0.8-1.3	3	3.2	10-25-2004	6.9	10.0
3N, 4N, 6	3HA-101	Soil	1.3-1.8	3	3.2	10-25-2004	3.1	10.0
3N, 4N, 6	3HA-102	Soil	0.5-1.0	3	3.2	10-25-2004	5.2	10.0
3N, 4N, 6	3HA-102	Soil	1.0-1.5	3	3.2	10-25-2004	7.2	10.0
3N, 4N, 6	3HA-102	Soil	1.5-2.0	3	3.2	10-25-2004	8.5	10.0
3N, 4N, 6	3HA-103	Soil	0.5-1.0	3	3.2	10-25-2004	6.9	10.0
3N, 4N, 6	3HA-103	Soil	1.0-1.5	3	3.1	10-25-2004	7.7	10.0
3N, 4N, 6	3HA-103	Soil	1.5-1.8	3	3.2	10-25-2004	4.6	10.0
3S, 4S, 6	3HA-115	Soil	0.0-0.5	3	3.3	10-25-2004	8.8	10.0
3S, 4S, 6	3HA-115	Soil	0.5-1.0	3	3.3	10-25-2004	31.3	10.0
3S, 4S, 6	3HA-115	Soil	1.0-1.5	3	3.3	10-25-2004	5.0	10.0
3S, 4S, 6	3HA-115	Soil	1.5-2.0	3	3.3	10-25-2004	3.3	10.0
3N, 4N, 6	3HA-131	Soil	0.4-0.65	3	3.2	11-08-2004	1.0	10.0
3N, 4N, 6	3HA-131D	Soil	0.4-0.65	3	3.2	11-08-2004	1.1	10.0
3N, 4N, 6	3HA-132	Soil	0.4-0.65	3	3.2	11-08-2004	4.5	10.0
3N, 4N, 6	3HA-132	Soil	0.65-1.65	3	3.2	11-08-2004	4.1	10.0
3N, 4N, 6	3HA-133	Soil	0.0-0.25	3	3.1	11-08-2004	1.7	10.0
3N, 4N, 6	3HA-133	Soil	0.25-0.5	3	3.1	11-08-2004	2.2	10.0
3N, 4N, 6	3HA-133	Soil	0.5-1.5	3	3.1	11-08-2004	2.0	10.0
3N, 4N, 6	3HA-134	Soil	0.0-0.25	3	3.1	11-08-2004	2.6	10.0
3N, 4N, 6	3HA-134	Soil	0.25-0.5	3	3.1	11-08-2004	3.8	10.0
3N, 4N, 6	3HA-134	Soil	0.5-1.5	3	3.1	11-08-2004	3.3	10.0
3N, 4N, 6	3HA-135	Soil	0.0-0.25	3	3.1	11-08-2004	13.9	10.0
3N, 4N, 6	3HA-135	Soil	0.25-0.5	3	3.2	11-08-2004	14.5	10.0
3N, 4N, 6	3HA-135	Soil	0.5-1.25	3	3.2	11-08-2004	2.3	10.0
3S, 4S, 6	3HA-231	Soil	0.5-1.5	3	3.3	11-23-2004	4.4	10.0
A3 3b	3SD-001	Sediment	0.0-0.5	3	3.1	08-23-2004	2.6	1.0
3N, 4N, 6	3TB-092	Soil	4.3-6.3	3	3.2	09-09-2004	1.5	10.0
3N, 4N, 6	3TB-094	Soil	0.5-1.3	3	3.2	09-09-2004	5.0	10.0
3N, 4N, 6	3TB-094	Soil	1.3-2.3	3	3.2	09-09-2004	5.7	10.0
3N, 4N, 6	3TB-094	Soil	2.3-2.6	3	3.2	09-09-2004	4.8	10.0
3N, 4N, 6	3TB-094	Soil	2.3-2.6 D	3	3.2	09-09-2004	2.1	10.0
3N, 4N, 6	3TB-094	Soil	2.6-4.3	3	3.2	09-09-2004	1.4	10.0
3N, 4N	3TB-095	Soil	0.5-2.3	3	3.2	09-09-2004	4.2	10.0
3N, 4N	3TB-095	Soil	2.3-3.3	3	3.2	09-09-2004	4.6	10.0
3N, 4N	3TB-096	Soil	0.5-2.0	3	3.2	09-09-2004	1.1	10.0
3N, 4N	3TB-096	Soil	2.0-2.3	3	3.2	09-09-2004	3.1	10.0
3N, 4N	3TB-097	Soil	0.5-0.6	3	3.2	09-10-2004	5.9	10.0
3N, 4N	3TB-097	Soil	0.6-1.6	3	3.2	09-10-2004	22	10.0
3N, 4N	3TB-097	Soil	2.3-4.3	3	3.2	09-10-2004	41	10.0
3N, 4N, 6	3TB-098	Soil	0.0-0.3	3	3.2	09-10-2004	1.4	10.0
3N, 4N	3TB-098	Soil	1.3-1.6	3	3.2	09-10-2004	1.9	10.0
3N, 4N	3TB-098	Soil	1.3-1.6 D	3	3.2	09-10-2004	1.6	10.0
3N, 4N, 6	3TB-099	Soil	0.0-0.3	3	3.1	09-10-2004	3.3	10.0
3N, 4N	3TB-099	Soil	1.0-1.3	3	3.1	09-10-2004	25	10.0
3N, 4N, 6	3TB-107	Soil	0.0-0.3	3	3.1	09-10-2004	1.6	10.0
3N, 4N, 6	3TB-108	Soil	0.0-0.3	3	3.1	09-10-2004	1.7	10.0
3N, 4N	3TB-111	Soil	0.0-0.3	3	3.1	09-10-2004	36	10.0
3N, 4N, 6	3TB-113	Soil	0.5-2.0	3	3.1	09-10-2004	1.1	10.0
3N, 4N, 6	3TB-113	Soil	2.3-4.3	3	3.1	09-10-2004	2.1	10.0
3N, 4N, 6	3TB-162	Soil	0.0-0.3	3	3.1	11-17-2004	1.96	10.0
3N, 4N, 6	3TB-181	Stone	0.0-0.3	3	3.1	11-17-2004	5.03	10.0
3N, 4N, 6	3TB-183	Soil	0.5-1.3	3	3.1	11-17-2004	3.3	10.0
3N, 4N, 6	3TB-184	Soil	0.5-1.3	3	3.1	11-17-2004	3.2	10.0
3N, 4N, 6	3TB-184	Soil	1.3-2.3	3	3.1	11-17-2004	11	10.0
3N, 4N, 6	3TB-185	Soil	1.3-2.3	3	3.1	11-17-2004	8.7	10.0
3N, 4N, 6	3TB-186	Soil	0.5-1.3	3	3.1	11-17-2004	1.5	10.0
3N, 4N, 6	3TB-187	Soil	0.5-1.3	3	3.1	11-17-2004	1.3	10.0
3N, 4N, 6	3TB-189	Soil	0.5-1.3	3	3.1	11-17-2004	3.8	10.0
3N, 4N, 6	3TB-190	Soil	0.5-1.5	3	3.1	11-17-2004	28	10.0
3N, 4N	3TB-193	Stone	0.0-0.3	3	3.1	11-17-2004	1.1	10.0
3N, 4N, 6	3TB-193	Soil	0.5-1.3	3	3.1	11-17-2004	1.9	10.0
3N, 4N, 6	3TB-194	Soil	4.3-6.3	3	3.2	11-17-2004	3.5	10.0
3N, 4N, 6	3TB-195	Soil	0.5-1.3	3	3.2	11-17-2004	4.8	10.0
3N, 4N, 6	3TB-195	Soil	1.3-2.3	3	3.2	11-17-2004	3.5	10.0
3N, 4N, 6	3TB-195	Soil	2.3-4.3	3	3.2	11-17-2004	42	10.0
3N, 4N, 6	3TB-196	Soil	0.5-1.3	3	3.2	11-18-2004	1.57	10.0
3N, 4N, 6	3TB-196	Soil	1.3-2.3	3	3.2	11-18-2004	3.2	10.0
3N, 4N, 6	3TB-197	Soil	0.5-1.3	3	3.2	11-18-2004	2.31	10.0
3N, 4N, 6	3TB-197	Soil	1.3-2.3	3	3.2	11-18-2004	1.6	10.0
3N, 4N, 6	3TB-198	Soil	0.5-1.3	3	3.2	11-18-2004	7.4	10.0
3N, 4N, 6	3TB-198	Soil	2.3-4.3	3	3.2	11-18-2004	1.2	10.0
3N, 4N, 6	3TB-199	Soil	0.3-1.3	3	3.2	11-18-2004	3.5	10.0
3N, 4N, 6	3TB-200	Soil	0.5-1.3	3	3.2	11-18-2004	2.41	10.0
3N, 4N, 6	3TB-200	Soil	1.3-2.3	3	3.2	11-18-2004	5.3	10.0
3N, 4N, 6	3TB-200	Soil	3.3-4.3	3	3.2	11-18-2004	1.2	10.0
3N, 4N, 6	3TB-201	Soil	0.5-1.3	3	3.2	11-18-2004	4.4	10.0
3N, 4N, 6	3TB-201	Soil	1.3-2.1	3	3.2	11-18-2004	8.1	10.0
3N, 4N, 6	3TB-201	Soil	2.3-3.3	3	3.2	11-18-2004	6.8	10.0
3N, 4N, 6	3TB-201D	Soil	0.5-1.3	3	3.2	11-18-2004	3.6	10.0
3N, 4N, 6	3TB-203	Soil	2.3-4.3	3	3.2	11-18-2004	2.1	10.0
3N, 4N, 6	3TB-203	Soil	4.3-6.3	3	3.2	11-18-2004	17	10.0
5	A11	Soil	0.5	3	3.2	06-03-1998	1.8	10.0
5	A12	Soil	0.5	3	3.2	06-03-1998	8.5	10.0
A3 1a	A-4 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	1.7	1.0
A3 1a	A-5 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	17	1.0
A3 1a	A-6 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	56	1.0
A3 1a	A-7 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	4.1	1.0
A3 1a	AOC6-CS08	Soil	0.0-0.3	3	3.1	05-08-2002	2.0	10.0
A3 1a	AOC6-CS12	Soil	1.3-1.6	3	3.1	05-08-2002	1.4	10.0
A3 1a	AOC6-CS13	Soil	1.3-1.6	3	3.1	05-08-2002	4.8	10.0
A3 1a	AOC6-CS14	Soil	1.3-1.6	3	3.1	05-08-2002	4.4	10.0
A3 1a	AOC6-CS15	Soil	2.0-2.3	3	3.1	05-08-2002	1.6	10.0
A3 1a	AOC6-CS16	Soil	2.3-2.6	3	3.1	05-08-2002	1.1	10.0
A3 1a	AOC6-CS17	Soil	2.3-2.6	3	3.1	05-08-2002	2.2	10.0
5	B11	Soil	5.68	3	3.2	06-03-1998	2.1	10.0
5	B12	Soil	6.16	3	3.2	06-03-1998	2.3	10.0
5	B13	Soil	7.5	3	3.2	06-03-1998	3.6	10.0
A3 1a	B-4 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	1.2	1.0
A3 1a	B-6 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	240	1.0
A3 1a	B-7 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	40	1.0
A3 1a	B-8 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	1.5	1.0
5	C11	Soil	3.67	3	3.2	06-03-1998	2.2	10.0
5	C11	Soil	5.67	3	3.2	06-03-1998	6.0	10.0
5	C11	Soil	7.67	3	3.2	06-03-1998	4.4	10.0
A3 1a	C-5 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	11.1	1.0
A3 1a	C-6 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	94	1.0
A3 1a	C-7 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	25	1.0
A3 1a	C-8 [Cap 1]	Concrete	½ inch	3	3.1	01-30-2002	1.9	1.0
3N, 4N	CB-2	Sediment	0.0-0.1	2	2.2	05-10-2001	3.8	1.0
A3 1a	CS-1	Concrete	(Chip)	3	3.1	06-11-1998	3	1.0
A3 1a	CS-2	Concrete	(Chip)	3	3.1	06-11-1998	10	1.0
A3 1a	D-1 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	1.8	1.0
5	D10	Soil	5.55	3	3.2	07-14-1998	8.5	10.0
5	D11	Soil	7.73	3	3.2	06-03-1998	3.2	10.0
5	D12	Soil	10.13	3	3.2	06-02-1998	4.6	10.0
5	D13	Soil	8.84	3	3.2	06-02-1998	4.1	10.0
5	D13	Soil	12.34	3	3.2	06-02-1998	3.1	10.0
A3 1a	D-3 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	6.3	1.0
A3 1a	D-4 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	4.9	1.0
A3 1a	D-5 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	8.8	1.0
A3 1a	D-6 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	7.7	1.0
A3 1a	D-7 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	18	1.0
A3 1a	D-8 [Cap 1]	Asphalt	½ inch	3	3.1	01-30-2002	6.1	1.0
5	E10	Soil	9.3	3	3.2	07-14-1998	4.3	10.0
5	E12	Soil	11.41	3	3.2	06-02-1998	1.3	10.0
5	E13	Soil	9.08	3	3.2	06-02-1998	2.3	10.0
5	E13	Soil	11.08	3	3.2	06-02-1998	1.6	10.0
5	F10	Soil	9.22	3	3.2	07-14-1998	2.7	10.0
5	F12	Soil	8.33	3	3.2	06-03-1998	4.8	10.0
5	F12	Soil	10.33	3	3.2	06-03-1998	1.6	10.0
5	F12	Soil	12.05	3	3.2	06-03-1998	2.0	10.0
5	F13	Soil	8.62	3	3.2	06-02-1998	2.2	10.0
5	F13	Soil	10.62	3	3.2	06-02-1998	1.4	10.0
5	F14	Soil	5.23	3	3.2	06-02-1998	1.7	10.0
5	G12	Soil	7.74	3	3.2	06-03-1998	1.6	10.0
5	G13	Soil	9.72	3	3.2	06-22-1998	1.4	10.0
5	G13	Soil	10.77	3	3.2	06-02-1998	1.3	10.0

Figure	Sample Point	Sample Matrix	Depth (feet)	PCB Area	PCB Subarea	Sampling Date	Mass Analysis Result	Mass Cleanup Criterion
5	G14	Soil	8.56	3	3.2	06-02-1998	3.8	10.0
5	G14	Soil	12.06	3	3.2	06-02-1998	1.9	10.0
3S, 4S, 5	GP-01	Soil	12	3	3.3	12-12-1997	1.4	10.0
3S, 4S, 5	GP-02	Soil	12	3	3.3	12-12-1997	5.0	10.0
3S, 4S, 5	GP-04	Soil	12	3	3.3	12-12-1997	1.9	10.0
3N, 4N, 5	GP-06A	Soil	2-3	3	3.2	12-29-1997	1.6	10.0
3S, 4S, 5	GP-15	Soil	20-25	3	3.3	12-19-1997	1.4	10.0
3S, 4S, 5	GP-15	Soil	4-8	3	3.3	12-19-1997	2.7	10.0
3N, 4N, 5	GP-16	Soil	0-4	3	3.2	12-29-1997	1.7	10.0
3N, 4N, 5	GP-16	Soil	4-8	3	3.2	12-29-1997	3.8	10.0
3N, 4N, 5	GP-20	Soil	4-8	3	3.2	12-30-1997	5.0	10.0
3N, 4N, 5	GP-20A	Soil	6-8	3	3.2	04-22-1999	8.2	10.0
3N, 4N, 5	GP-20A	Soil	8-10	3	3.2	04-22-1999	1.1	10.0
3N, 4N, 5	GP-22	Soil	4-5	3	3.2	01-22-1998	1.5	10.0
3N, 4N, 5	GP-23	Soil	6	3	3.2	01-22-1998	3.2	10.0
3N, 4N, 5	GP-23	Soil	7	3	3.2	01-22-1998	8.4	10.0
3N, 4N, 5	GP-23	Soil	8	3	3.2	01-22-1998	6.7	10.0
3N, 4N, 5	GP-23	Soil	9	3	3.2	01-22-1998	1.9	10.0
3N, 4N, 5	GP-23	Soil	5-6	3	3.2	01-22-1998	9.1	10.0
3N, 4N, 5	GP-24	Soil	3	3	3.2	01-22-1998	2.0	10.0
3N, 4N, 5	GP-24	Soil	4	3	3.2	01-22-1998	2.1	10.0
3N, 4N, 5	GP-24	Soil	5	3	3.2	01-22-1998	1.8	10.0
3N, 4N, 5	GP-24	Soil	8	3	3.2	01-22-1998	7.8	10.0
3N, 4N, 5	GP-24	Soil	10	3	3.2	01-22-1998	7.3	10.0
3N, 4N, 5	GP-30	Soil	4-6	3	3.2	04-22-1999	3.8	10.0
3N, 4N, 5	GP-30	Soil	6-8	3	3.2	04-22-1999	5.4	10.0
3N, 4N, 5	GP-31	Soil	6-8	3	3.2	04-22-1999	7.1	10.0
3N, 4N, 5	GP-32	Soil	4-6	3	3.2	04-22-1999	1.2	10.0
3N, 4N, 5	GP-32	Soil	6-8	3	3.2	04-22-1999	8.7	10.0
3N, 4N, 5	GP-32	Soil	8-10	3	3.2	04-22-1999	2.6	10.0
3N, 4N, 5	GP-36	Soil	2-4	3	3.2	04-22-1999	1.3	10.0
3N, 4N, 5	GP-38	Soil	4-6	3	3.2	04-23-1999	2.5	10.0
3N, 4N, 5	GP-38	Soil	6-8	3	3.2	04-23-1999	6.3	10.0
3N, 4N, 5	GP-39	Soil	6-8	3	3.2	04-23-1999	2.6	10.0
5	MW-1	Soil	10-12	3	3.2	01-07-1998	1.1	10.0
3N, 4N, 5	MW-50	Soil	4-6	3	3.2	10-12-1999	1.4	10.0
3N, 4N, 5	MW-51	Soil	6-8	3	3.2	10-12-1999	1.7	10.0
3N, 4N, 5	MW-53	Soil	6-8	3	3.2	10-12-1999	2.6	10.0
A3 3a	PCB-06	Sediment	NS	3	3.3	06-11-1998	4	1.0
3S, 4S, 6	TB-BBB	Soil	3-5	3	3.3	02-15-2002	15	10.0
3S, 4S, 6	TB-BBB	Soil	5-7	3	3.3	02-15-2002	15	10.0
3N, 4N, 6	TB-III	Soil	0.3-1.3	3	3.2	04-04-2002	1.9	10.0
3N, 4N	TB-XXX	Soil	0.0-0.3	3	3.1	04-02-2002	1.5	10.0
3N, 4N	TB-XXX	Soil	0.3-1.3	3	3.1	04-02-2002	1.2	10.0
3N, 4N	TB-YYY	Soil	0.3-1.3	3	3.2	04-03-2002	9.4	10.0
3N, 4N, 6	TB-YYY	Soil	2.3-3.3	3	3.2	04-03-2002	3.1	10.0
A3 3a	TXFP1-A4	Concrete	½ inch	3	3.3	02-05-2002	1.6	1.0
A3 3a	TXFP1-A5	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-C3	Concrete	½ inch	3	3.3	02-05-2002	1.4	1.0
A3 3a	TXFP1-C4	Concrete	½ inch	3	3.3	02-05-2002	2.2	1.0
A3 3a	TXFP1-C5	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-D2	Concrete	½ inch	3	3.3	02-05-2002	4.0	1.0
A3 3a	TXFP1-D3	Concrete	½ inch	3	3.3	02-05-2002	2.3	1.0
A3 3a	TXFP1-D4	Concrete	½ inch	3	3.3	02-05-2002	2.1	1.0
A3 3a	TXFP1-F1	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-F2	Concrete	½ inch	3	3.3	02-05-2002	1.1	1.0
A3 3a	TXFP1-F3	Concrete	½ inch	3	3.3	02-05-2002	1.9	1.0
A3 3a	TXFP1-F4	Concrete	½ inch	3	3.3	02-05-2002	1.8	1.0
A3 3a	TXFP1-F1	Concrete	½ inch	3	3.3	02-05-2002	8.1	1.0

LEGEND

- EDGE OF PAVEMENT
- PROPERTY / STREET LINE
- CHAIN LINK FENCE
- GUARDRAIL
- NEW BULKHEAD
- GAS LINE
- OVERHEAD WIRE
- CONCRETE WALL
- APPROXIMATE EXTENT OF EXCAVATION
- PCB AREA BOUNDARY
- PIPE TRENCH
- EXISTING BUILDING
- CONCRETE PAD
- CONCRETE PAD (ELEVATED)
- ASPHALT APRON
- RECENT FILL
- WATER GATE
- GAS GATE
- ROUND CATCH BASIN
- RECTANGULAR CATCH BASIN
- UTILITY POLE
- FIRE HYDRANT
- MANHOLE
- VAULT
- HATCHWAY
- INTAKE CHANNEL
- DISCHARGE CHANNEL
- TRANSFORMER
- CIRCUIT BREAKER
- CATHODIC BULKHEAD PROTECTION DEVICE
- ASPHALT SAMPLE POINT
- CONCRETE SAMPLE POINT
- CONCRETE SAMPLE POINT – COLLECTED BY OTHERS
- CONCRETE SAMPLE POINT FROM WALL
- HEXANE WIPE SAMPLE POINT
- MISCELLANEOUS SAMPLE POINT
- SEDIMENT SAMPLE POINT
- SEDIMENT SAMPLE POINT – COLLECTED BY OTHERS
- SOIL SAMPLE POINT
- SOIL SAMPLE POINT – COLLECTED BY OTHERS
- SURFACE WATER SAMPLE POINT
- SOIL SAMPLE FROM GROUND WATER MONITORING WELL
- SOIL SAMPLE FROM GROUND WATER MONITORING WELL – INSTALLED BY OTHERS
- PCB MASS SAMPLING RESULT > 1.0 AND ≤10.0 MILLIGRAMS PER KILOGRAM (mg/kg)
- PCB MASS ANALYSIS RESULT > 10.0 MILLIGRAMS PER KILOGRAM (mg/kg)
- VALUE THAT EXCEEDS SIGNIFICANT ENVIRONMENTAL HAZARD (SEH) THRESHOLD CONCENTRATION

General Notes for Figures 4N & 4S

[1] [illegible]

[2] [illegible]

[3] [illegible]

[4] [illegible]

[5] [illegible]

[6] [illegible]

[7] [illegible]

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[9] [illegible]

[10] [illegible]

[11] [illegible]

[12] [illegible]

[13] [illegible]

[14] [illegible]

PCB Investigation Areas

PCB Area 1: Station B Interior
- Area 1.1 Mezzanine and First Floor, except Annex III
- Area 1.2 Former Annex III
- Area 1.3 Basement

PCB Area 2: Former Coal Yard
- Area 2.1 Elevated Railroad Tracks and Foundations
- Area 2.2 Remainder of Former Coal Yard

PCB Area 3: Electrical Infrastructure and Excavation
- Area 3.1 Former Capacitor Area
- Area 3.2 Central Remaining Remediation Area
- Area 3.3 Transformer and Capacitor Area

PCB Area 4: Southwest Corner
- Area 4.1 Former Transformer Area
- Area 4.2 Storage and Shop Building Interior
- Area 4.3 Transformer and Former Capacitor Area
- Area 4.4 Assembly Hall Interior

PCB Area 5: Southeast Corner
- Area 5.1 Former Dumpster Area
- Area 5.2 Former Wastewater Treatment Area
- Area 5.3 Oil Pump House Area
- Area 5.4 Former Waste Oil Tank Area
- Area 5.5 Tower GH-4 Area
- Area 5.6 Former Storage Building Area
- Area 5.7 Fuel Oil Tank Area

PCB Area 6: Balance of Site, Except English Station
- Area 6.1 Former Station B Area
- Area 6.2 Mill River East Branch Area
- Area 6.3 Mill River West Branch Area
- Area 6.4 Pump House Area

PCB Area 7: English Station Interior

DRAFT

SCALE: 1 INCH = 20 FEET

0 10 20 30 40 60 80

Scale in Feet

FIGURE 4N	MASS ANALYSIS PCB SAMPLE POINT LOCATIONS AND EXCEEDANCES – NORTH	
DATE 3/11/05	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT	
SITE ID –		
Advanced Environmental Interface, Inc. 8 Old Indian Trail Middlefield, CT 06455	PROJECT No. AEI-00T-030e	DRAWING No. 00T-04C
	DRAWN BY J.J.S.	CHECKED BY T.N.W.
	SIZE D	SCALE AS SHOWN

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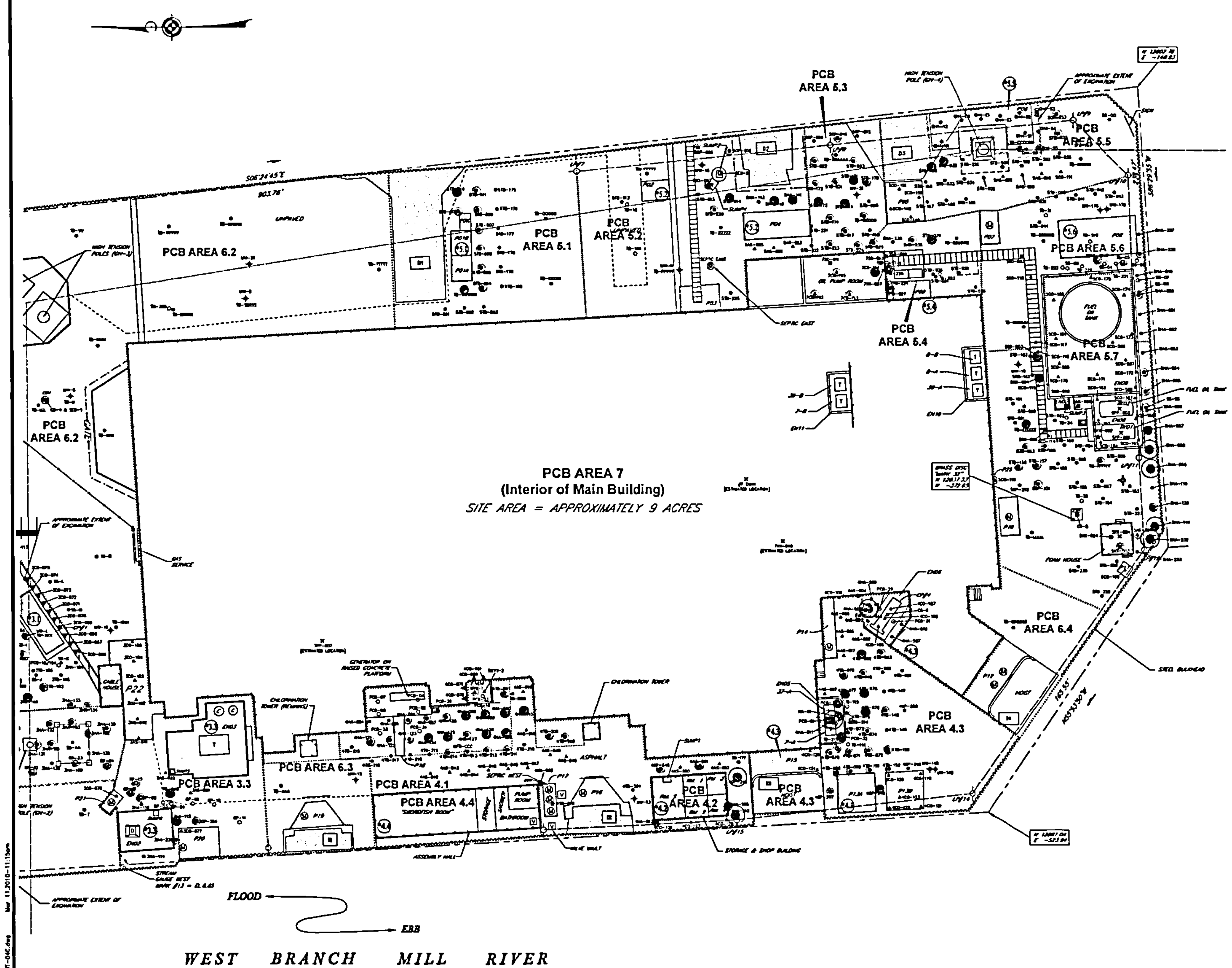

Figure	Sample Point	Sample Matrix	Depth (feet)	PCB Area	PCB Subarea	Sampling Date	Mass Analysis Result	Mass Cleanup Criterion
3S, 4S, 6	3HP-254	Soil	0.5-1.0	3	3.3	12-16-2004	4.1	10.0
3S, 4S, 6	3HA-115	Soil	0.0-0.5	3	3.3	10-25-2004	8.8	10.0
3S, 4S, 6	3HA-115	Soil	0.5-1.0	3	3.3	10-25-2004	11.3	10.0
3S, 4S, 6	3HA-115	Soil	1.0-1.5	3	3.3	10-25-2004	3.0	10.0
3S, 4S, 6	3HA-115	Soil	1.5-2.0	3	3.3	10-25-2004	1.5	10.0
3S, 4S, 6	3HA-231	Soil	0.5-1.5	3	3.3	11-23-2004	4.4	10.0
A3 3b	3SD-001	Sediment	0.0-0.5	3	3.3	08-24-2004	1.6	1.0
3S, 4S	4AS-003	Asphalt	¼ inch	4	4.3	09-01-2004	1.7	1.0
3S, 4S	4AS-011	Asphalt	¼ inch	4	4.1	12-16-2004	1.2	1.0
A4 2	4CO-081	Concrete	¼ inch	4	4.2	08-27-2004	3.9	1.0
A4 2	4CO-084	Concrete	¼ inch	4	4.2	08-27-2004	94	1.0
A4 2	4CO-085	Concrete	¼ inch	4	4.2	08-27-2004	17	1.0
A4 2	4CO-086	Concrete	¼ inch	4	4.2	08-27-2004	1.4	1.0
A4 2	4CO-088	Concrete	¼ inch	4	4.2	08-27-2004	1.9	1.0
A4 2	4CO-089	Concrete	¼ inch	4	4.2	08-27-2004	4.4	1.0
A4 2	4CO-090	Concrete	¼ inch	4	4.2	08-27-2004	81	1.0
A4 2	4CO-091	Concrete	¼ inch	4	4.2	08-27-2004	2.2	1.0
A4 2	4CO-091D	Concrete	¼ inch	4	4.2	08-27-2004	81	1.0
A4 3b	4CO-113	Concrete	¼ inch	4	4.3	11-08-2004	1.6	1.0
A4 4	4CO-153	Concrete	¼ inch	4	4.4	12-02-2004	1.9	1.0
A4 4	4CO-154	Concrete	¼ inch	4	4.4	12-02-2004	2.40	1.0
A4 4	4CO-155	Concrete	¼ inch	4	4.4	12-02-2004	1.86	1.0
A4 2	4CO-156	Concrete	¼ inch	4	4.2	12-02-2004	33	1.0
A4 2	4CO-157	Concrete	¼ inch	4	4.2	12-02-2004	34,000	1.0
A4 2	4CO-158	Concrete	¼ inch	4	4.2	12-02-2004	1.9	1.0
A4 2	4CO-159	Concrete	¼ inch	4	4.2	12-02-2004	30	1.0
A4 2	4CO-160	Concrete	¼ inch	4	4.2	12-02-2004	3.1	1.0
A4 2	4CO-161	Concrete	¼ inch	4	4.2	12-02-2004	4,900	1.0

LEGEND

- EDGE OF PAVEMENT
- PROPERTY / STREET LINE
- CHAIN LINK FENCE
- GUARDRAIL
- NEW BULKHEAD
- GAS LINE
- OVERHEAD WIRE
- CONCRETE WALL
- APPROXIMATE EXTENT OF EXCAVATION
- PCB AREA BOUNDARY
- PIPE TRENCH
- EXISTING BUILDING
- CONCRETE PAD
- CONCRETE PAD (ELEVATED)
- ASPHALT APRON
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- CATHODIC BULKHEAD PROTECTION DEVICE
- ASPHALT SAMPLE POINT
- CONCRETE SAMPLE POINT
- CONCRETE SAMPLE POINT – COLLECTED BY GD
- CONCRETE SAMPLE POINT FROM WALL
- HEXANE WIPE SAMPLE POINT
- MISCELLANEOUS SAMPLE POINT
- SEDIMENT SAMPLE POINT
- SEDIMENT SAMPLE POINT – COLLECTED BY GD
- SOIL SAMPLE POINT
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- SURFACE WATER SAMPLE POINT
- SOIL SAMPLE FROM GROUND WATER MONITORING WELL
- SOIL SAMPLE FROM GROUND WATER MONITORING WELL – INSTALLED BY OTHERS
- PCB MASS SAMPLING RESULT > 1.0 AND ≤10.0 MILLIGRAMS PER KILOGRAM (mg/kg)
- PCB MASS ANALYSIS RESULT > 10.0 MILLIGRAMS PER KILOGRAM (mg/kg)
- VALUE THAT EXCEEDS SIGNIFICANT ENVIRONMENTAL HAZARD (SEH) THRESHOLD CONCENTRATION

General Notes for Figures 4N & 4S

PCB Investigation Areas

DRAFT

SCALE: 1 INCH = 20 FEET

0 10 20 30 40 60 80

Scale in Feet

FIGURE 4S	MASS ANALYSIS PCB SAMPLE POINT LOCATIONS AND EXCEEDANCES – SOUTH
DATE 3/1/10	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No.	DRAWING No.
AEI-00T-030e	00T-04C
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

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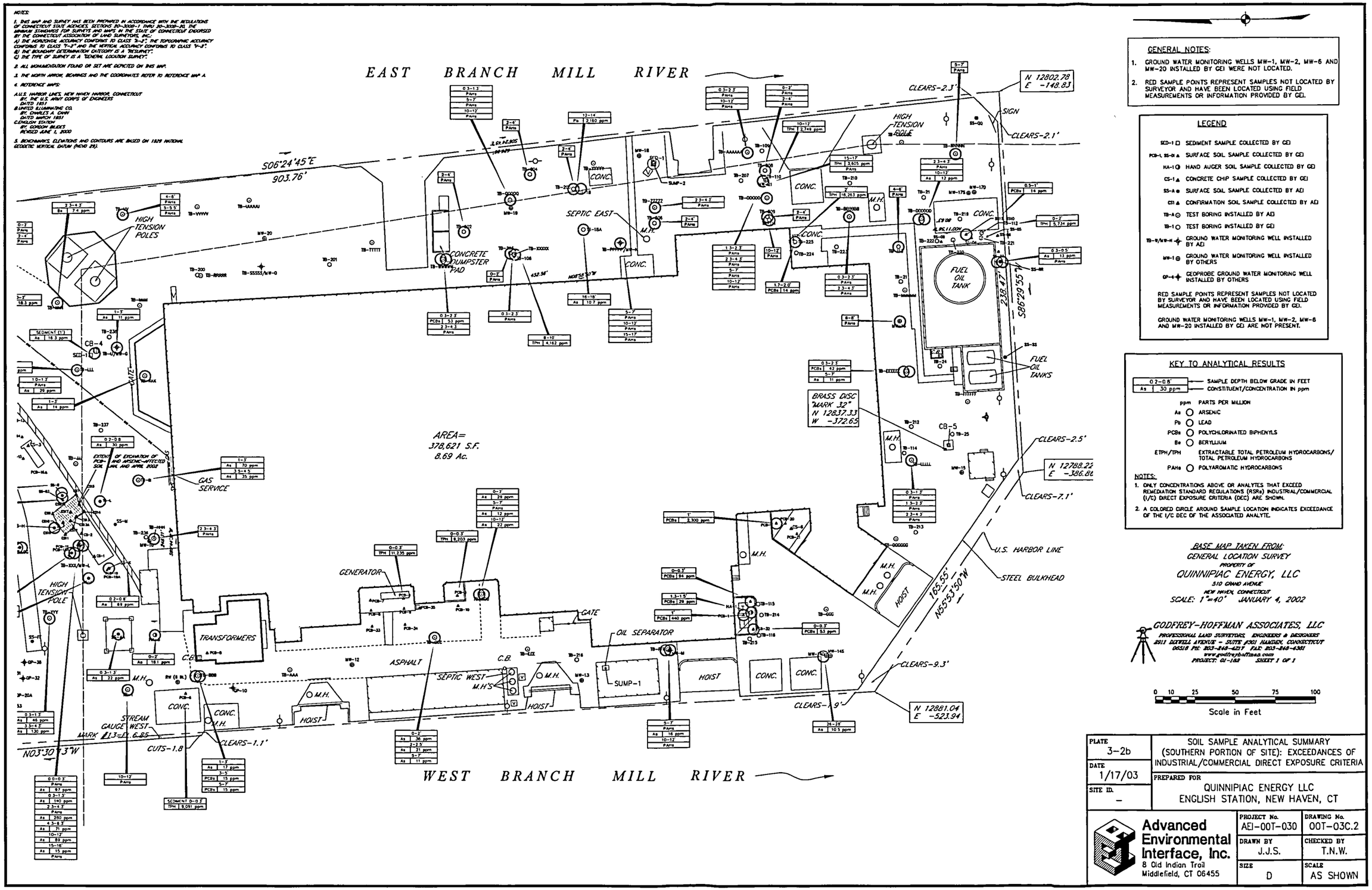
NOTES:

1. THIS MAP AND SURVEY HAS BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THRU 20-300b-20, THE MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC.:
   A) THE HORIZONTAL ACCURACY CONFORMS TO CLASS T-2; THE TOPOGRAPHIC ACCURACY CONFORMS TO CLASS T-2 AND THE VERTICAL ACCURACY CONFORMS TO CLASS V-2.
   B) THE BOUNDARY DETERMINATION OUTCOME IS A "RESURVEY".
   C) THE TYPE OF SURVEY IS A "SENSITIVE LOCATION SURVEY".
2. ALL MONUMENTATION FOUND OR SET ARE DEPICTED ON THIS MAP.
3. THE NORTH ARROW, BEARINGS AND THE COORDINATES REFER TO REFERENCE MAP A.
4. REFERENCE MAPS:
   A.U.S. HARBOR LINES, NEW HAVEN HARBOR, CONNECTICUT
   BY: THE U.S. ARMY CORPS OF ENGINEERS
   DATED 1851
   B.UNITED ILLUMINATING CO.
   BY: CHARLES A. CHAY
   DATED MARCH 1851
   C.ENGLISH STATION
   BY: GORDON BLIDE'S
   REVISED JUNE 1, 2020
5. BENCHMARKS, ELEVATIONS AND CONTOURS ARE BASED ON 1929 NATIONAL GEODETIC VERTICAL DATUM (NGVD 29).



GENERAL NOTES:

1. GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI WERE NOT LOCATED.
2. RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

LEGEND

- SED-1 □ SEDIMENT SAMPLE COLLECTED BY GEI
- PCB-L, SS-01 ▲ SURFACE SOIL SAMPLE COLLECTED BY GEI
- HA-1 ⊙ HAND AUGER SOIL SAMPLE COLLECTED BY GEI
- CS-1 ▲ CONCRETE CHIP SAMPLE COLLECTED BY GEI
- SS-A ● SURFACE SOIL SAMPLE COLLECTED BY AEI
- CS1 ▲ CONFIRMATION SOIL SAMPLE COLLECTED BY AEI
- TB-A ⊙ TEST BORING INSTALLED BY AEI
- TB-1 ○ TEST BORING INSTALLED BY GEI
- TB-11/MW-11 ✦ GROUND WATER MONITORING WELL INSTALLED BY AEI
- MW-1 ⊙ GROUND WATER MONITORING WELL INSTALLED BY OTHERS
- GP-4 ✦ GEOPROBE GROUND WATER MONITORING WELL INSTALLED BY OTHERS

RED SAMPLE POINTS REPRESENT SAMPLES NOT LOCATED BY SURVEYOR AND HAVE BEEN LOCATED USING FIELD MEASUREMENTS OR INFORMATION PROVIDED BY GEI.

GROUND WATER MONITORING WELLS MW-1, MW-2, MW-6 AND MW-20 INSTALLED BY GEI ARE NOT PRESENT.

KEY TO ANALYTICAL RESULTS

0.2-0.8'	— SAMPLE DEPTH BELOW GRADE IN FEET
As 30 ppm	— CONSTITUENT/CONCENTRATION IN ppm

- ppm PARTS PER MILLION
- As ○ ARSENIC
- Pb ○ LEAD
- PCBs ○ POLYCHLORINATED BIPHENYLS
- Be ○ BERYLLIUM
- ETPH/TPH EXTRACTABLE TOTAL PETROLEUM HYDROCARBONS/ TOTAL PETROLEUM HYDROCARBONS
- PAHs ○ POLYAROMATIC HYDROCARBONS

NOTES:

1. ONLY CONCENTRATIONS ABOVE OR ANALYTES THAT EXCEED REMEDIATION STANDARD REGULATIONS (RSRs) INDUSTRIAL/COMMERCIAL (I/C) DIRECT EXPOSURE CRITERIA (DEC) ARE SHOWN.
2. A COLORED CIRCLE AROUND SAMPLE LOCATION INDICATES EXCEEDANCE OF THE I/C DEC OF THE ASSOCIATED ANALYTE.

BASE MAP TAKEN FROM:
GENERAL LOCATION SURVEY
PROPERTY OF
QUINNIPIAC ENERGY, LLC
510 GRAND AVENUE
NEW HAVEN, CONNECTICUT
SCALE: 1"=40' JANUARY 4, 2002

GODFREY-HOFFMAN ASSOCIATES, LLC
PROFESSIONAL LAND SURVEYORS, ENGINEERS & DESIGNERS
2811 DIXWELL AVENUE - SUITE #301 HAMDEN, CONNECTICUT 06518 PH: 203-248-4217 FAX: 203-248-4381
www.godfreyhoffman.com
PROJECT: 01-162 SHEET 1 OF 1

0 10 25 50 75 100
Scale in Feet

PLATE 3-2b	SOIL SAMPLE ANALYTICAL SUMMARY (SOUTHERN PORTION OF SITE): EXCEEDANCES OF INDUSTRIAL/COMMERCIAL DIRECT EXPOSURE CRITERIA
DATE 1/17/03	PREPARED FOR QUINNIPIAC ENERGY LLC ENGLISH STATION, NEW HAVEN, CT
SITE ID. –	

Advanced Environmental Interface, Inc.
8 Old Indian Trail
Middlefield, CT 06455

PROJECT No.	DRAWING No.
AEI-00T-030	00T-03C.2
DRAWN BY J.J.S.	CHECKED BY T.N.W.
SIZE D	SCALE AS SHOWN

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	11-16-MISC-121	NS	Concrete	1	1	1.1	*First floor*	19 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-123	NS	Wood	1	1	1.1	*First floor*	19 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-124	NS	Wood	1	1	1.1	*Mezzanine*	19 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-125	NS	Wood	1	1	1.1	*Mezzanine*	19 Nov 1999	ND < 1.0	2	GEI
A	1CO-01	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-02	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	0.57	—	—
A	1CO-03	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-04	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	0.98	—	—
A	1CO-05	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-05 **D**	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	5	—
A	1CO-06	½ inch	Concrete	1	1	1.1	*Loading dock*	16 Jun 2004	0.52	—	—
A	1CO-07	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-08	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-09	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-10	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-11	½ inch	Concrete	1	1	1.1	*First floor*	16 Jun 2004	ND < 0.50	—	—
A	1CO-200	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-201	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.51	—	—
A	1CO-202	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-203	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-204	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-205	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.35	—	—
A	1CO-206	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-207	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.39	—	—
A	1CO-208	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-209	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.50	—	—
A	1CO-210	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-211	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-212	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-213	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-214	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-215	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-216	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-217	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.30	—	—
A	1CO-218	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.86	—	—
A	1CO-219	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.51	—	—
A	1CO-219 **D**	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.62	5	—
A	1CO-219 **EB**	NA	Water	1	1	1.1	*First floor*	01 Sep 2006	ND < 0.50	—	—
A	1CO-220	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	1.00	—	—
A	1CO-221	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	**1.4**	—	—
A	1CO-222	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	0.54	—	—
A	1CO-223	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	**2.0**	—	—
A	1CO-224	½ inch	Concrete	1	1	1.1	*Office roof*	01 Sep 2006	ND < 0.30	—	—
A	1CO-225	½ inch	Concrete	1	1	1.1	*First floor*	01 Sep 2006	**43**	E	—
A	1CO-226	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.71	—	—
A	1CO-227	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.91	—	—
A	1CO-228	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.4**	—	—
A	1CO-229	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.7**	—	—
A	1CO-230	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.5**	—	—
A	1CO-231	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.44	—	—
A	1CO-232	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.40	—	—
A	1CO-233	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.4**	—	—
A	1CO-234	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.04**	—	—
A	1CO-235	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.79	—	—
A	1CO-236	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.3**	—	—
A	1CO-237	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.45	—	—
A	1CO-238	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.6**	—	—
A	1CO-239	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.2**	—	—
A	1CO-240	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.1**	—	—
A	1CO-241	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.7**	—	—
A	1CO-242	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.42	—	—
A	1CO-243	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.3**	—	—
A	1CO-244	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**3.7**	—	—
A	1CO-245	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.85**	—	—
A	1CO-245 **D**	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**1.0**	5	—

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1CO-245 **EB**	NA	Water	1	1	1.1	*First floor*	28 Sep 2006	ND < 0.50	—	—
A	1CO-246	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	0.34	—	—
A	1CO-247	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.37	—	—
A	1CO-248	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.48	—	—
A	1CO-249	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**8.3**	E	—
A	1CO-250	½ inch	Concrete	1	1	1.1	*First floor*	28 Sep 2006	**2.9**	—	—
A	1CO-251	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.49	—	—
A	1CO-252	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.38	—	—
A	1CO-253	½ inch	Concrete	1	1	1.1	*Loading dock*	28 Sep 2006	0.62	—	—
A	1CO-254	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.98	—	—
A	1CO-255	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.96	—	—
A	1CO-256	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.0**	—	—
A	1CO-257	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.80	—	—
A	1CO-258	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.60	—	—
A	1CO-259	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1CO-260	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.95	—	—
A	1CO-261	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.4**	—	—
A	1CO-262	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**1.29**	—	—
A	1CO-263	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.7**	—	—
A	1CO-264	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.30	—	—
A	1CO-265	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.31	—	—
A	1CO-265 **D**	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.30	5	—
A	1CO-265 **EB**	NA	Water	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.50	—	—
A	1CO-266	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**1.8**	—	—
A	1CO-267	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.49	—	—
A	1CO-268	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	**2.8**	—	—
A	1CO-269	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1CO-270	½ inch	Concrete	1	1	1.1	*First floor*	25 Oct 2006	0.31	—	—
A	1CO-271	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	**2.0**	—	—
A	1CO-272	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.33	—	—
A	1CO-273	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	**1.8**	—	—
A	1CO-274	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.30	—	—
A	1CO-275	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.89	—	—
A	1CO-276	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.58	—	—
A	1CO-277	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.51	—	—
A	1CO-277 **D**	½ inch	Concrete	1	1	1.1	*First floor*	13 Nov 2006	0.40	5	—
A	1CO-277 **EB**	NA	Water	1	1	1.1	*First floor*	13 Nov 2006	ND < 0.50	—	—
A	1CO-**EB**01	NA	Water	1	1	1.1	*First floor*	16 Jun 2004	ND < 12	9	—
A	1HX-046	NA	Hexane	1	1	1.1	*Stairs*	25 Oct 2006	ND < 5.0	—	—
A	1HX-048	NA	Hexane	1	1	1.1	*Stairs*	25 Oct 2006	ND < 5.0	—	—
A	1XX-026	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	**1.42**	—	—
A	1XX-027	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-028	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-029	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-030	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	**1.64**	—	—
A	1XX-031	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	0.83	—	—
A	1XX-032	½ inch	Wood	1	1	1.1	*First floor*	25 Oct 2006	ND < 0.30	—	—
A	1XX-033	½ inch	Wood	1	1	1.1	*First floor*	13 Nov 2006	ND < 0.60	—	—
A	1CO-608	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-609	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.41	—	—
A	1CO-610	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-611	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.83	—	—
A	1CO-612	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.43	—	—
A	1CO-613	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-614	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-615	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.69	—	—
A	1CO-616	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-617	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-618	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-619	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-620	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.76	—	—
A	1CO-621	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.94	—	—
A	1CO-622	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.37	—	—
A	1CO-623	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.72	—	—
A	1CO-624	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.34	—	—
A	1CO-625	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-626	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-627	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	LD	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1CO-627	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	LD	—
A	1CO-628	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.55	—	—
A	1CO-629	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-630	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-631	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-632	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.85	—	—
A	1CO-633	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-634	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-635	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-636	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-637	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.37	—	—
A	1CO-638	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-639	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-640	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-641	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-642	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-643	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-644	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.32	—	—
A	1CO-645	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-646	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.48**	—	—
A	1CO-647	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.6**	LD	—
A	1CO-647	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.6**	LD	—
A	1CO-648	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.40**	—	—
A	1CO-649	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.07**	—	—
A	1CO-650	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.32	—	—
A	1CO-651	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.37**	—	—
A	1CO-652	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.23**	—	—
A	1CO-653	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.42**	—	—
A	1CO-654	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	1.00	—	—
A	1CO-655	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.81	—	—
A	1CO-656	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-657	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.74	—	—
A	1CO-658	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-659	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-660	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.89	—	—
A	1CO-661	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.80	—	—
A	1CO-662	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-663	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-664	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.81	—	—
A	1CO-665	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.43	—	—
A	1CO-666	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.51**	—	—
A	1CO-667	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.50**	LD	—
A	1CO-667	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.41**	LD	—
A	1CO-668	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-669	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**2.1**	—	—
A	1CO-670	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	0.46	—	—
A	1CO-671	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.08**	—	—
A	1CO-672	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.23**	—	—
A	1CO-673	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	1CO-674	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.47**	—	—
A	1CO-675	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	**1.26**	—	—
A	1CO-676	½ inch	Concrete	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.30	—	—
A	BW-606	NA	Water	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.50	**EB**	—
A	BW-607	NA	Water	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.50	**EB**	—
A	BW-608	NA	Water	1	1	1.1	*First floor*	20 Feb 2008	ND < 0.50	**EB**	—
A	1CO-677	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-678	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-679	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-680	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.17**	—	—
A	1CO-681	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**4.5**	—	—
A	1CO-682	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**6.1**	—	—
A	1CO-683	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.98	—	—
A	1CO-684	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.39	—	—
A	1CO-685	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.57	—	—
A	1CO-686	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-687	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	LD	—
A	1CO-687	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	LD	—
A	1CO-688	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.93	—	—

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1CO-689	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.76**	—	—
A	1CO-690	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**2.3**	—	—
A	1CO-691	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**4.4**	—	—
A	1CO-692	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.70	—	—
A	1CO-693	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-694	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-695	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-696	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.1**	—	—
A	1CO-697	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**16,000**	S	—
A	1CO-698	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**3.2**	—	—
A	1CO-699	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	**1.2**	—	—
A	1CO-700	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-701	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1CO-702	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.36	—	—
A	1CO-703	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.36	LD	—
A	1CO-703	½ inch	Concrete	1	1	1.1	*First floor*	25 Feb 2008	0.38	LD	—
A	BW-609	NA	Water	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	**EB**	—
A	BW-610	NA	Water	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	**EB**	—
A	1XX-606	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1XX-607	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.30	—	—
A	1XX-608	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-609	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-610	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-611	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-612	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-613	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-614	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-615	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	LD	—
A	1XX-615	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	LD	—
A	1XX-616	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-617	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-618	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-619	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-620	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-621	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-622	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-623	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	1XX-624	½ inch	Wood	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	—	—
A	BW-611	NA	Water	1	1	1.1	*First floor*	25 Feb 2008	ND < 0.50	**EB**	—
A	1HX-600	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-601	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-602	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-603	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-604	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-605	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-606	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-607	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-608	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-609	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-610	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-611	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-612	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-613	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-614	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-615	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-616	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-617	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-618	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-619	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-620	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-621	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-622	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-623	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-624	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-625	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-626	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	2.3	—	—
A	1HX-627	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	7.9	—	—
A	1HX-628	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	1HX-629	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-630	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-631	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-632	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-633	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-634	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-635	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-636	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-637	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-638	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-639	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-640	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-641	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-642	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	—	—
A	1HX-643	NA	Hexane	1	1	1.1	*Girder*	29 Feb 2008	ND < 5.0	**EB**	—
A	11-16-MISC-114	NS	Concrete	1	1	1.2	*Annex III*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-115	NS	Concrete	1	1	1.2	*Annex III*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-116	NS	Concrete	1	1	1.2	*Annex III*	18 Nov 1999	ND < 1.0	2	GEI
A	1CO-12	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-13	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-14	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-15	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	1CO-16	½ inch	Concrete	1	1	1.2	*Annex III*	16 Jun 2004	ND < 0.50	—	—
A	A-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	A-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	A-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	A-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	B-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**17.4**	—	—
A	B-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**45**	—	—
A	B-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**2.4**	—	—
A	B-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	C-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**1.3**	—	—
A	C-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	**1.5**	—	—
A	C-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.98	—	—
A	C-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	CS-5	(Chip)	Concrete	1	1	1.2	*Annex III*	11 Jun 1998	**15**	2	GEI
A	D-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.94	—	—
A	D-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.77	—	—
A	D-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	D-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	E-1 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.69	—	—
A	E-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.98	—	—
A	E-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.51	—	—
A	E-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	Equip. Blank	NA	Water	1	1	1.2	*Annex III*	26 Aug 2002	ND < 10	—	—
A	F-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 0.50	—	—
A	F-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	F-4 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	Field Blank	NA	Water	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	G-2 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	G-3 [Annex III]	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	H-1	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	H-2	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	H-3	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	I-1	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	0.50	—	—
A	I-2	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	**1.6**	—	—
A	I-3	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	**1.1**	—	—
A	I-3a	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	0.65	5	—
A	I-4	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-1	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-2	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-3	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	J-4	½ inch	Concrete	1	1	1.2	*Annex III*	09 May 2002	ND < 0.50	—	—
A	K-1.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	K-2.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	**1.4**	—	—
A	K-3.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	K-3.5 **Dup**	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	5	—
A	L-1.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	L-2.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—
A	L-3.5	½ inch	Concrete	1	1	1.2	*Annex III*	26 Aug 2002	ND < 0.50	—	—

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	SE-1	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	0.80	—	—
A	SF-1	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	SF-3	½ inch	Concrete	1	1	1.2	*Annex III*	18 Jul 2001	ND < 1.0	3	—
A	11-16-MISC-117	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-118	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-119	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	ND < 1.0	2	GEI
A	11-16-MISC-120	NS	Concrete	1	1	1.3	*Basement*	18 Nov 1999	1.0	2	GEI
A	11-16-MISC-122	NS	Concrete	1	1	1.3	*Basement*	19 Nov 1999	ND < 1.0	2	GEI
A	SS-N	0.0–1.0	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-O	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-P	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-Q	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-R	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-S	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	SS-T	0.0–0.5	Soil	1	1	1.3	*Basement*	02 May 2001	ND < 0.50	—	—
A	11-16-MISC-113	NA	Oil	1	1	1.4	*Crane*	18 Nov 1999	**4.0**	1	GEI
A	1HX-030	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-031	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-032	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-033	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-034	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-035	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-035 **EB**	NA	Water	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-036	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-037	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-038	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-039	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-040	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-041	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-042	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-043	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-044	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-045	NA	Hexane	1	1	1.4	*Crane*	07 Sep 2006	ND < 5.0	—	—
A	1HX-047	NA	Hexane	1	1	1.4	*Crane*	25 Oct 2006	ND < 5.0	—	—
A	1XX-010	NA	Paint	1	1	1.4	*Crane*	01 Sep 2006	**9.5**	19	—
A	1XX-011	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**18.2**	19, E	—
A	1XX-012	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**17.6**	19, E	—
A	1XX-013	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**19.3**	19, E	—
A	1XX-014	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**13.1**	19, E	—
A	1XX-015	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**20.4**	19, E	—
A	1XX-015 **EB**	NA	Water	1	1	1.4	*Crane*	07 Sep 2006	ND < 0.50	—	—
A	1XX-016	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**21**	19, E	—
A	1XX-017	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**21**	19, E	—
A	1XX-018	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**13.4**	19, E	—
A	1XX-019	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**12.5**	19, E	—
A	1XX-019 **D**	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**15.3**	5, 19, E	—
A	1XX-020	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**8.5**	19, E	—
A	1XX-021	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**10.4**	19, E	—
A	1XX-022	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**21**	19, E	—
A	1XX-023	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**22**	19, E	—
A	1XX-024	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**20**	19, E	—
A	1XX-025	NA	Paint	1	1	1.4	*Crane*	07 Sep 2006	**4.5**	19, E	—
A	CR-CS01	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS02	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS03	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS04	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS05	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS06	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS07	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS08	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS09	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS10	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS11	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS12	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS13	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS14	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS15	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS16	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—

English Station
PCB Analytical Results
AOC-1

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	CR-CS17	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS18	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS18B	NA	Hexane	1	1	1.4	*Crane*	19 Apr 2002	ND < 5.0	—	—
A	CR-CS19	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	**25**	—	—
A	CR-CS19B	NA	Hexane	1	1	1.4	*Crane*	19 Apr 2002	ND < 5.0	—	—
A	CR-CS20	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS21	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS22	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS23	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS24	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS25	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS26	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS27	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS28	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS29	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS30	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS31	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS32	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS33	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS34	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS35	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS36	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS37	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS38	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS39	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS40	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS41	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS42	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS43	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS44	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS45	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS46	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	CR-CS47	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	Field Blank 1	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	Field Blank 2	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	Field Blank 3	NA	Hexane	1	1	1.4	*Crane*	21 Mar 2002	ND < 5.0	—	—
A	NEM	NA	Oil	1	1	1.4	*Crane*	18 Jul 2001	**6.6**	—	—
A	RS-CS1	NA	Oil	1	1	1.4	*Crane*	21 Mar 2002	ND < 2.0	—	—
A	SEM	NA	Oil	1	1	1.4	*Crane*	18 Jul 2001	**6.6**	—	—

English Station
PCB Analytical Results
AOC-2

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	AOC2-CS2	0–2	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS2	2–4	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS2	5–7	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	0.0–0.25	Asphalt	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	0.25–2.0	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	2–4	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	AOC2-CS6	5–7	Soil	2	6	6.1	—	12 Mar 2002	ND < 0.50	—	—
A	MW-02	13–17	Soil	2	6	6.1	—	02 Jun 1998	ND < 1.0	6	GEI
A	TB-01	7–8	Soil	2	6	6.1	—	02 Jun 1998	ND < 1.0	6	GEI

English Station
PCB Analytical Results
AOC-3

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
A	TB-08A	1–3	Soil	3	6	6.1	—	04 Jun 1998	ND < 1.0	6	GEI
A	TB-08B	15–17	Soil	3	6	6.1	—	04 Jun 1998	ND < 1.0	6	GEI
A	TB-08B	9–11	Soil	3	6	6.1	—	04 Jun 1998	ND < 1.0	6	GEI
A	TB-VVVV	0.0–0.3	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-VVVV	0.5–2.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-VVVV	2.5–4.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-WWWW	2.2–2.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—
A	TB-WWWW	2.5–4.5	Soil	3	6	6.1	—	05 Apr 2002	ND < 0.50	—	—

English Station
PCB Analytical Results
AOC-5

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	3GP-256	0–0.25	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	0.25–1.25	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	1.25–3.5	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	3.5–5	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
—	3GP-256	5–8	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	0.0–0.25	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	0.25–1.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	1.0–3.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	3.0–5.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-257	5.0–7.0	Soil	5	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-311	0.0–0.3	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	0.3–1.3	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	1.3–1.6	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	1.6–2.5	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-311	2.5–4.0	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-311	4.0–6.0	Soil	5	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3HA-191	0.5–0.6	Soil	5	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-192	0.1–0.2	Soil	5	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	0.0–0.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	0.3–1.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	1.3–2.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	2.3–4.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-092	4.3–6.3	Soil	5	3	3.2	—	09 Sep 2004	1.5	4	09-28-2004	ND < 0.5	—	—
A	3TB-093	0.0–0.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-093	0.5–0.8	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-093	0.8–1.8	Soil	5	3	3.2	—	09 Sep 2004	0.81	7	—	NT	1	—
A	3TB-093	2.3–4.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-093	4.3–6.3	Soil	5	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	0.0–0.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	0.3–1.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	1.3–2.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-203	2.3–4.3	Soil	5	3	3.2	—	18 Nov 2004	2.1	4	12-23-2004	ND < 0.5	—	—
A	3TB-203	4.3–6.3	Soil	5	3	3.2	—	18 Nov 2004	**17**	3, 4	12-23-2004	ND < 0.5	—	—
A	3TB-204	0.0–0.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	0.3–1.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	1.3–2.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	2.3–3.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	3.3–4.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204	4.3–6.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-204 **D**	4.3–6.3	Soil	5	3	3.2	—	18 Nov 2004	ND < 0.50	5	—	—	—	—
A	3TB-204 **EB**	4.3–6.3	Water	5	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	GP-05	12	Soil	5	3	3.2	*Remediation*	12 Dec 1997	ND < 1.0	16	—	—	—	UI
—	GP-06A	0–1	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	1–2	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	2–3	Soil	5	3	3.2	—	29 Dec 1997	1.6	16	—	—	—	UI
—	GP-06A	3–4	Soil	5	3	3.2	—	29 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-06A	4–5	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	5–6	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	6–7	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	7–8	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-06A	8–9	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-16	0–4	Soil	5	3	3.2	—	29 Dec 1997	1.7	16	—	—	—	UI
—	GP-16	4–8	Soil	5	3	3.2	—	29 Dec 1997	3.8	16	—	—	—	UI
—	GP-16	8–12	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-16	12–16	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-16	16–20	Soil	5	3	3.2	—	29 Dec 1997	ND	16	—	—	—	UI
—	GP-17	8–12	Soil	5	3	3.2	*Remediation*	29 Dec 1997	ND	16	—	—	—	UI
—	GP-17	12–13	Soil	5	3	3.2	*Remediation*	29 Dec 1997	ND	16	—	—	—	UI
—	GP-19	8–12	Soil	5	3	3.2	*Remediation*	30 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-19	12–13	Soil	5	3	3.2	*Remediation*	30 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-20	0–4	Soil	5	3	3.2	—	30 Dec 1997	< 1.0	16	—	—	—	UI
—	GP-20	4–8	Soil	5	3	3.2	—	30 Dec 1997	5	16	—	—	—	UI
—	GP-20	8–12	Soil	5	3	3.2	—	30 Dec 1997	ND	16	—	—	—	UI
—	MW-1	54–58	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI
—	MW-4	59–61	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-1	8–10	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	10–12	Soil	5	3	3.2	*Remediation*	07 Jan 1998	1.1	16	—	—	—	UI
—	MW-1	12–14	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	14–16	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	19–21	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	24–26	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	29–31	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	34–36	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	39–41	Soil	5	3	3.2	*Remediation*	07 Jan 1998	ND	16	—	—	—	UI
—	MW-1	44–46	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI
—	MW-1	49–51	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI
—	MW-1	64–66	Soil	5	3	3.2	*Remediation*	08 Jan 1998	ND	16	—	—	—	UI

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	MW-2	8–10	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	10–12	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	12–14	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	14–16	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	19–21	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	24–26	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	29–31	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	34–36	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	39–41	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	44–46	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	49–51	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	54–56	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	59–61	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	64–66	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-2	69–71	Soil	5	3	3.2	*Remediation*	09 Jan 1998	ND	16	—	—	—	UI
—	MW-3	8–10	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	10–12	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	12–14	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	14–16	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	19–21	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	24–26	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	29–31	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	34–36	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	39–41	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	44–46	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	49–51	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	54–56	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	59–61	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	64–66	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-3	69–71	Soil	5	3	3.2	*Remediation*	12 Jan 1998	ND	16	—	—	—	UI
—	MW-4	8–10	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	10–12	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	12–14	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	14–16	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	19–21	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	24–26	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	29–31	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	34–36	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	39–41	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	44–46	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	49–51	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	54–56	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	64–66	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	MW-4	69–71	Soil	5	3	3.2	*Remediation*	13 Jan 1998	ND	16	—	—	—	UI
—	A11	0.5	Soil	5	3	3.2	*Remediation*	03 Jun 1998	1.8	16	—	—	—	UI
—	A12	0.5	Soil	5	3	3.2	*Remediation*	02 Jun 1998	8.5	16	—	—	—	UI
—	A13	3.18	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B11	5.68	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2.1	16	—	—	—	UI
—	B11	4.54	Soil	5	3	3.2	*Remediation*	26 Jun 1998	ND	16	—	—	—	UI
—	B12	6.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	2.3	16	—	—	—	UI
—	B12	8.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B12	10.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B12	12.38	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B13	7.75	Soil	5	3	3.2	*Remediation*	02 Jun 1998	3.6	16	—	—	—	UI
—	B13	9.75	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B13	11.75	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	B14	11.21	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	C11	3.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2.2	16	—	—	—	UI
—	C11	5.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	6	16	—	—	—	UI
—	C11	7.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	4.4	16	—	—	—	UI
—	C11	9.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	C11	11.67	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	C14	12.04	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D10	5.55	Soil	5	3	3.2	*Remediation*	14 Jul 1998	8.5	16	—	—	—	UI
—	D11	1.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	3.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	5.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	7.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	3.2	16	—	—	—	UI
—	D11	9.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D11	11.73	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	D12	6.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D12	8.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D12	10.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	4.6	16	—	—	—	UI
—	D12	12.13	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D13	8.84	Soil	5	3	3.2	*Remediation*	02 Jun 1998	4.1	16	—	—	—	UI
—	D13	10.84	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	D13	12.34	Soil	5	3	3.2	*Remediation*	02 Jun 1998	3.1	16	—	—	—	UI

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	D14	12.23	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	E10	9.3	Soil	5	3	3.2	*Remediation*	14 Jul 1998	4.3	16	—	—	—	UI
—	E11	8.88	Soil	5	3	3.2	*Remediation*	26 Jun 1998	ND	16	—	—	—	UI
—	E12	7.61	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	E12	9.61	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	E12	11.61	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.3	16	—	—	—	UI
—	E13	9.08	Soil	5	3	3.2	*Remediation*	02 Jun 1998	2.5	16	—	—	—	UI
—	E13	11.08	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.6	16	—	—	—	UI
—	E14	11.86	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	F10	9.22	Soil	5	3	3.2	*Remediation*	14 Jul 1998	2.7	16	—	—	—	UI
—	F11	10.02	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	F11	12.02	Soil	5	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	F11	8.91	Soil	5	3	3.2	*Remediation*	26 Jun 1998	ND	16	—	—	—	UI
—	F12	8.55	Soil	5	3	3.2	*Remediation*	03 Jun 1998	8.8	16	—	—	—	UI
—	F12	10.55	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2.6	16	—	—	—	UI
—	F12	12.05	Soil	5	3	3.2	*Remediation*	03 Jun 1998	2	16	—	—	—	UI
—	F13	8.62	Soil	5	3	3.2	*Remediation*	02 Jun 1998	2.2	16	—	—	—	UI
—	F13	10.62	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.4	16	—	—	—	UI
—	F13	12.12	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	F14	5.23	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.7	16	—	—	—	UI
—	G13	10.77	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.2	16	—	—	—	UI
—	G13	12.27	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	G13	9.72	Soil	5	3	3.2	*Remediation*	22 Jun 1998	1.6	16	—	—	—	UI
—	G14	8.56	Soil	5	3	3.2	*Remediation*	02 Jun 1998	3.8	16	—	—	—	UI
—	G14	10.56	Soil	5	3	3.2	*Remediation*	02 Jun 1998	ND	16	—	—	—	UI
—	G14	12.06	Soil	5	3	3.2	*Remediation*	02 Jun 1998	1.9	16	—	—	—	UI
—	GP-20A	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-20A	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-20A	4–6	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-20A	6–8	Soil	5	3	3.2	—	22 Apr 1999	8.2	16	—	—	—	UI
—	GP-20A	8–10	Soil	5	3	3.2	—	22 Apr 1999	1.1	16	—	—	—	UI
—	GP-20A	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-30	4–6	Soil	5	3	3.2	—	22 Apr 1999	3.8	16	—	NT	—	UI
A	GP-30	6–8	Soil	5	3	3.2	—	22 Apr 1999	5.4	16	—	NT	—	UI
A	GP-30	8–10	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	4–6	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	6–8	Soil	5	3	3.2	—	22 Apr 1999	7.1	16	—	—	—	UI
—	GP-31	8–10	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-31	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-32	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-32	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-32	4–6	Soil	5	3	3.2	—	22 Apr 1999	1.2	16	—	—	—	UI
—	GP-32	6–8	Soil	5	3	3.2	—	22 Apr 1999	8.7	16	—	—	—	UI
—	GP-32	8–10	Soil	5	3	3.2	—	22 Apr 1999	2.6	16	—	—	—	UI
—	GP-32	10–12	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	10–11	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	4–6	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	6–8	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-33	8–10	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-35	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
A	GP-35	2–4	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-36	0–2	Soil	5	3	3.2	—	22 Apr 1999	ND	16	—	—	—	UI
—	GP-36	2–4	Soil	5	3	3.2	—	22 Apr 1999	1.5	16	—	—	—	UI
—	GP-38	0–2	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-38	2–4	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-38	4–6	Soil	5	3	3.2	—	23 Apr 1999	2.5	16	—	—	—	UI
—	GP-38	6–8	Soil	5	3	3.2	—	23 Apr 1999	6.3	16	—	—	—	UI
—	GP-39	0–2	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-39	2–4	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-39	4–6	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
—	GP-39	6–8	Soil	5	3	3.2	—	23 Apr 1999	2.6	16	—	—	—	UI
A	GP-41	0–2	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	10–12	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	2–4	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	4–6	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	6–8	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-41	8–10	Soil	5	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	MW-50	0–2	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-50	10–12	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-50	2–4	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	MW-50	4–6	Soil	5	3	3.2	—	12 Oct 1999	1.4	16	—	NT	—	UI
A	MW-50	8–10	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	0–2	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	10–12	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	2–4	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	4–6	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	MW-51	6–8	Soil	5	3	3.2	—	12 Oct 1999	1.7	16	—	NT	—	UI
A	MW-51	8–10	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	0–2	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	2–4	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	4–6	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	6–8	Soil	5	3	3.2	—	12 Oct 1999	2.6	16	—	—	—	UI
—	MW-53	8–10	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	MW-53	10–12	Soil	5	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
A	TB-S	0–1	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-S	10–12	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-S	2.0–3.3	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-S	5–7	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	0–2	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	10–12	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	2–4	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-T	5–7	Soil	5	3	3.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	3HA-628	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-633	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	10	E, S	—	—	—	—
A	3HA-634	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	4.5	S	—	—	—	—
A	3HA-636	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-639	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-640	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	1.9	FD	—	—	—	—
A	3HA-641	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	2.1	FD, LD	—	—	—	—
A	3HA-641	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	2.0	FD, LD	—	—	—	—
A	3HA-643	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-644	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	0.30	—	—	—	—	—
A	3HA-645	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-646	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-647	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	0.45	—	—	Not recv'd	—	—
A	3HA-648	1–1.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-649	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	0.32	—	—	—	—	—
A	3HA-650	6–6.25	Soil	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	BW-600	NA	Water	5	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.50	**EB**	—	—	—	—
A	3SW-600	Surface	Water	5	3	3.2	*@ Track A*	04 Dec 2007	***1.6***	—	—	—	—	—
A	3HA-703	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	1.7	—	—	—	—	—
A	3HA-704	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	—	—	—	—	—
B	3HA-705	2–2.25	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.30	—	—	—	—	—
B	3HA-706	2–2.25	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	0.57	—	08-Jan-08	ND < 0.5	—	—
B	3HA-707	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	—	—	—	—	—
B	3HA-708	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	FD	—	—	—	—
B	3HA-709	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	FD, LD	—	—	—	—
B	3HA-709	7.5–7.75	Soil	5	3	3.2	*@ Track A*	11 Dec 2007	ND < 0.40	FD, LD	—	—	—	—

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	3CO-066	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-066 **D**	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3, 5	—	—	—
—	3CO-067	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-068	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-069	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-070	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-071	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-072	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-073	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-074	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
—	3CO-075	½ inch	Concrete	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 5.0	3	—	—	—
A	3CO-178	½ inch	Concrete	6	3	3.1	*CP#3*	16 Dec 2004	ND < 0.50	—	—	—	—
A	3CO-179	½ inch	Concrete	6	3	3.1	*CP#3*	16 Dec 2004	ND < 0.50	—	—	—	—
—	3CO-180	½ inch	Concrete	6	3	3.1	*CP#2*	16 Dec 2004	ND < 0.50	—	—	—	—
—	3CO-181	½ inch	Concrete	6	3	3.1	*CP#2*	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	0.0–0.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	0.3–1.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	1.3–3.0	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	3–5	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-243	5–7	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	0.0–0.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	0.3–1.3	Soil	6	3	3.1	—	16 Dec 2004	6.6	4	01-06-2005	ND < 0.50	—
—	3GP-244	1.3–3.0	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	3–5	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244	5–7	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3GP-244 **D**	0.3–1.3	Soil	6	3	3.1	—	16 Dec 2004	ND < 0.50	5	—	—	—
—	3GP-244 **EB**	0.3–1.3	Water	6	3	3.1	—	16 Dec 2004	ND < 0.50	—	—	—	—
—	3HA-104	0.0–0.5	Soil	6	3	3.1	—	25 Oct 2004	ND < 0.50	—	—	—	—
—	3HA-104	0.5–1.0	Soil	6	3	3.1	—	25 Oct 2004	ND < 0.50	—	—	—	—
—	3HA-104	1.0–1.5	Soil	6	3	3.1	—	25 Oct 2004	ND < 1.5	3	—	—	—
—	3HA-104	1.5–2.0	Soil	6	3	3.1	—	25 Oct 2004	ND < 0.50	—	—	—	—
—	3HA-133	0.0–0.25	Soil	6	3	3.1	—	08 Nov 2004	1.7	4	12-01-2004	ND < 0.50	—
—	3HA-133	0.25–0.5	Soil	6	3	3.1	—	08 Nov 2004	2.2	4	12-01-2004	ND < 0.50	—
—	3HA-133	0.5–1.5	Soil	6	3	3.1	—	08 Nov 2004	2	4	12-01-2004	ND < 0.50	—
—	3HA-134	0.0–0.25	Soil	6	3	3.1	—	08 Nov 2004	2.6	4	12-01-2004	ND < 0.50	—
—	3HA-134	0.25–0.5	Soil	6	3	3.1	—	08 Nov 2004	3.8	4	12-01-2004	ND < 0.50	—
—	3HA-134	0.5–1.5	Soil	6	3	3.1	—	08 Nov 2004	3.3	4	12-01-2004	ND < 0.50	—
—	3TB-099	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	3.3	4	09-29-2004	ND < 0.50	—
—	3TB-099	1.0–1.3	Soil	6	3	3.1	—	10 Sep 2004	**25**	3, 7	NA	NA	—
—	3TB-099	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 1.0	3	—	—	—
—	3TB-099	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-099	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-105	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-105	2.0–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 1.0	3	—	—	—
—	3TB-105	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-105	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	0.79	7	NA	NA	—
—	3TB-106	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	0.65	7	NA	NA	—
—	3TB-106	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-106	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	1.6	4	09-29-2004	ND < 0.50	—
—	3TB-107	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107	2.3–4.3 **D**	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	5	—	—	—
—	3TB-107	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-107 **EB**	2.3–4.3	Water	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	1.7	4	09-29-2004	ND < 0.50	—
—	3TB-108	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	2.3–2.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	2.6–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-108	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	1.3–1.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-109	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	0.3–1.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	3TB-110	1.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-110	8.3–10.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	0.3–2.0	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	0.3–2.0 **D**	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	5	—	—	—
—	3TB-111	2.0–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-111 **EB**	0.3–2.0	Water	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	0.3–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	2.3–2.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	2.6–3.6	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	4.3–6.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-112	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-113	0.0–0.3	Soil	6	3	3.1	—	10 Sep 2004	**36**	3, 7, 13	NA	NA	—
—	3TB-113	0.3–2.0	Soil	6	3	3.1	—	10 Sep 2004	1.3	4, 13	09-29-2004	ND < 0.50	—
—	3TB-113	2.0–2.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-113	2.3–4.3	Soil	6	3	3.1	—	10 Sep 2004	2.1	4, 13	09-29-2004	ND < 0.50	—
—	3TB-113	6.3–8.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-113	8.3–10.3	Soil	6	3	3.1	—	10 Sep 2004	ND < 0.50	—	—	—	—
—	3TB-181	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-181	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-181	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-181	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-181	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-182	0.0–0.3	Soil	6	3	3.1	—	17 Nov 2004	1.96	4	12-20-2004	ND < 0.50	—
—	3TB-182	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	0.56	4	12-20-2004	ND < 0.50	—
—	3TB-182	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-182	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-182	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	5.03	4, 15	12-20-2004	ND < 0.50	—
—	3TB-183	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	3.3	4	12-20-2004	ND < 0.50	—
—	3TB-183	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-183 **D**	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	5	—	—	—
—	3TB-183 **EB**	1.3–2.3	Water	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-184	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-184	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	3.2	4	12-14-2004	ND < 0.50	—
—	3TB-184	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	**13**	4	12-14-2004	ND < 0.50	—
—	3TB-184	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-184	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-185	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-185	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-185	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	8.7	4	12-14-2004	ND < 0.50	—
—	3TB-185	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-185	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	0.72	—	—	—	—
—	3TB-186	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-186	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1.5	4	12-14-2004	ND < 0.50	—
—	3TB-186	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-186	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-186	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-187	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1.3	4	12-14-2004	ND < 0.50	—
—	3TB-187	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-187 **D**	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	0.76	4, 5	12-14-2004	ND < 0.50	—
—	3TB-187 **EB**	1.3–2.3	Water	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-188	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-188	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1	4	12-14-2004	ND < 0.50	—
—	3TB-188	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-188	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-188	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-189	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-189	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	3	4	12-14-2004	ND < 0.50	—
—	3TB-189	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-189	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-189	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-190	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	ND < 0.50	15	—	—	—
—	3TB-190	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	**20**	3, 4	12-14-2004	ND < 0.50	—

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	3TB-190	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-190	2.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 1.0	3	—	—	—
—	3TB-190	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	0.0–0.3	Stone	6	3	3.1	—	17 Nov 2004	1.1	3, 15	—	—	—
—	3TB-193	0.3–1.3	Soil	6	3	3.1	—	17 Nov 2004	1.9	3, 4	12-15-2004	ND < 0.50	—
—	3TB-193	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	2.3–3.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	3.3–4.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193	4.3–6.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	3TB-193 **D**	1.3–2.3	Soil	6	3	3.1	—	17 Nov 2004	ND < 0.50	5	—	—	—
—	3TB-193 **EB**	1.3–2.3	Water	6	3	3.1	—	17 Nov 2004	ND < 0.50	—	—	—	—
—	A-1 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	A-2 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	0.73	—	—	—	—
—	A-3 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	0.54	—	—	—	—
—	A-4 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**1.7**	—	—	—	—
—	A-5 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**17**	—	—	—	—
—	A-6 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**55**	—	—	—	—
—	A-7 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.1**	—	—	—	—
—	AOC6-CS05	0–2	Soil	6	3	3.1	—	30 Jan 2002	ND < 0.50	—	—	—	—
—	AOC6-CS06	0–2	Soil	6	3	3.1	—	30 Jan 2002	ND < 0.50	—	—	—	—
—	AOC6-CS07	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS08	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	2	—	—	—	—
—	AOC6-CS09	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS10	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS11	1.0–1.3	Soil	6	3	3.1	—	08 May 2002	0.68	—	—	—	—
—	AOC6-CS12	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	1.4	—	—	—	—
—	AOC6-CS13	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	4.8	—	—	—	—
—	AOC6-CS13a	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	ND < 0.50	—	—	—	—
—	AOC6-CS14	1.3–1.6	Soil	6	3	3.1	—	08 May 2002	4.4	—	—	—	—
—	AOC6-CS15	2.0–2.3	Soil	6	3	3.1	—	08 May 2002	1.6	—	—	—	—
—	AOC6-CS16	2.3–2.6	Soil	6	3	3.1	—	08 May 2002	1.1	—	—	—	—
—	AOC6-CS17	2.3–2.6	Soil	6	3	3.1	—	08 May 2002	2.2	—	—	—	—
—	B-1 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	B-2 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	B-3 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	B-4 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**1.2**	—	—	—	—
—	B-5 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	0.92	—	—	—	—
—	B-6 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**240**	—	—	—	—
—	B-7 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**40**	—	—	—	—
—	B-8 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**3.5**	—	—	—	—
—	C-1 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-2 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-3 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-4 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	ND < 0.50	—	—	—	—
—	C-5 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**12.2**	—	—	—	—
—	C-6 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**94**	—	—	—	—
—	C-7 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**25**	—	—	—	—
—	C-8 [Cap 1]	½ inch	Concrete	6	3	3.1	*CP#1*	30 Jan 2002	**1.8**	—	—	—	—
—	Cap2-A	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
—	Cap2-B	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
—	Cap2-C	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
—	Cap2-D	½ inch	Concrete	6	3	3.1	*CP#2*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-A	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-B	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-C	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
A	Cap3-D	½ inch	Concrete	6	3	3.1	*CP#3*	30 Jan 2002	ND < 0.50	—	—	—	—
—	CS-1	(Chip)	Concrete	6	3	3.1	*CP#1*	11 Jun 1998	**3**	6	—	—	GEI
—	CS-2	(Chip)	Concrete	6	3	3.1	*CP#1*	11 Jun 1998	**10**	6	—	—	GEI
—	CS-3	(Scraping)	Concrete	6	3	3.1	*CP#2*	11 Jun 1998	ND < 0.50	6	—	—	GEI
A	CS-4	(Scraping)	Concrete	6	3	3.1	*CP#3*	11 Jun 1998	ND < 0.50	6	—	—	GEI
—	D-1 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**1.8**	—	—	—	—
—	D-2 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	0.52	—	—	—	—
—	D-3 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.3**	—	—	—	—
—	D-4 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.9**	—	—	—	—
—	D-5 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**8.2**	—	—	—	—
—	D-6 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**7.7**	—	—	—	—
—	D-7 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**10**	—	—	—	—
—	D-8 [Cap 1]	½ inch	Asphalt	6	3	3.1	*CP#1*	30 Jan 2002	**4.1**	—	—	—	—
—	**EB**-07	NA	Water	6	3	3.1	*Cable wall*	26 Aug 2004	ND < 12	9	—	—	—
—	TB-XXX	0.0–0.3	Soil	6	3	3.1	—	08 May 2002	NA	4	05-13-2002	ND < 0.50	—
—	TB-XXX	0.3–1.3	Soil	6	3	3.1	—	08 May 2002	NA	4	05-13-2002	ND < 0.50	—
A	PCB-11	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
A	PCB-12	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI

English Station
PCB Analytical Results
AOC-6 (PCB Area 3.1)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	Who ?
—	PCB-13	0.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-14	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-15	0.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-16	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-18	1	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-18A	2	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-19	0.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	PCB-19A	2.5	Soil	6	3	3.1	—	11 Jun 1998	ND < 1.0	6	—	—	GEI
—	SS-03	0.0–0.3	Soil	6	3	3.1	—	30 Mar 2000	ND < 1.0	6	—	—	GEI
—	SS-G	0.5–1.0	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
—	SS-H	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	0.63	—	—	—	—
—	SS-I	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
—	SS-J	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
—	SS-K	0.2–0.8	Soil	6	3	3.1	—	02 May 2001	ND < 0.50	—	—	—	—
A	SS-PP	0.0–0.3	Soil	6	3	3.1	—	04 Apr 2002	ND < 0.50	—	—	—	—
A	SS-PP	1.0–1.3	Soil	6	3	3.1	—	04 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	0.0–0.3	Soil	6	3	3.1	—	02 Apr 2002	1.5	7	—	—	—
—	TB-XXX	0.3–1.3	Soil	6	3	3.1	—	02 Apr 2002	1.2	7	—	—	—
—	TB-XXX	10–12	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	15–16	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	16–17	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	2.3–4.3	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—
—	TB-XXX	4.3–6.3	Soil	6	3	3.1	—	02 Apr 2002	ND < 0.50	—	—	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5GP-015	0.0–0.3	Asphalt	7	5	5.3	—	16 Dec 2004	1	—	—	—	—	—
—	5GP-015	0.3–1.3	Soil	7	5	5.3	—	16 Dec 2004	0.91	4	01-04-2005	ND < 0.5	—	—
—	5GP-015	1.3–3.0	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-015	3–4	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	0.0–0.3	Asphalt	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	0.3–1.3	Soil	7	5	5.3	—	16 Dec 2004	1.5	4	01-11-2005	ND < 0.5	—	—
—	5GP-016	1.3–3.0	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	3–5	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-016	5–7	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-024	0.0–0.3	Asphalt	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-024	0.3–1.3	Soil	7	5	5.3	—	16 Dec 2004	0.7	4	01-11-2005	ND < 0.5	—	—
—	5GP-024	1.3–2.3	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-024	2.3–4.0	Soil	7	5	5.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-017	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	**2.6**	3	—	—	—	—
—	5TB-017	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-017	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-017	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	2.3	3, 4	09-17-2004	ND < 0.5	—	—
—	5TB-018	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	ND < 2.0	3	—	—	—	—
—	5TB-018	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-018	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-018	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-019	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-019	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-019	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-019	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	**14**	3, 4	09-17-2004	ND < 0.5	—	—
—	5TB-020	0.0–0.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-020	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-020	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-020	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-021	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	**1.1**	3	—	—	—	—
—	5TB-021	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-021	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-021	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-022	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	**1.6**	3	—	—	—	—
—	5TB-022	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	0.63	7	NA	NA	1	—
—	5TB-022	0–5	Soil	7	5	5.3	—	03 Sep 2004	2	4	09-17-2004	ND < 0.5	—	—
—	5TB-022	1.3–2.3	Soil	7	5	5.3	—	03 Sep 2004	5.1	4	09-17-2004	ND < 0.5	—	—
—	5TB-023	0.0–0.3	Asphalt	7	5	5.3	—	03 Sep 2004	0.61	7	—	—	—	—
—	5TB-023	0.3–1.3	Soil	7	5	5.3	—	03 Sep 2004	5.4	4	09-17-2004	ND < 0.5	—	—
—	5TB-023	1.3–3.3	Soil	7	5	5.3	—	03 Sep 2004	4.9	4	09-27-2004	ND < 0.5	—	—
—	5TB-023	3.3–5.3	Soil	7	5	5.3	—	03 Sep 2004	7.9	4	09-27-2004	ND < 0.5	—	—
—	5TB-170	0.0–0.3	Stone	7	5	5.3	—	16 Nov 2004	1.1	15	—	—	—	—
—	5TB-170	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-170	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-170	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-170	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	0.0–0.3	Soil	7	5	5.3	—	16 Nov 2004	**43**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-171	0.3–0.8	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	0.8–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	2.3–3.3	Soil	7	5	5.3	—	16 Nov 2004	4.2	4	12-16-2004	ND < 0.5	—	—
—	5TB-171	3.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-171	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	4.1	4	12-16-2004	ND < 0.5	—	—
—	5TB-171 **D**	0.8–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-171 **EB**	0.8–2.3	Water	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-172	0.0–0.3	Asphalt	7	5	5.3	—	16 Nov 2004	**2**	3	—	—	—	—
—	5TB-172	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-172	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-172	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	3.8	4	12-16-2004	ND < 0.5	—	—
—	5TB-172	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	0.63	4	12-16-2004	ND < 0.5	—	—
—	5TB-173	0.0–0.3	Asphalt	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-173	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-173	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-173	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	**11**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-173	4.3–6.3	Soil	7	5	5.3	—	16 Nov 2004	**15**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-174	0.0–0.3	Soil	7	5	5.3	—	16 Nov 2004	0.58	4	12-16-2004	ND < 0.5	—	—
—	5TB-174	0.3–1.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-174	1.3–2.3	Soil	7	5	5.3	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-174	2.3–4.3	Soil	7	5	5.3	—	16 Nov 2004	1.1	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-221	0.0–0.3	Asphalt	7	5	5.3	—	19 Nov 2004	0.53	—	—	—	—	—
—	5TB-221	0.3–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	0.0–0.3	Asphalt	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	0.3–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	2.0–2.5	Soil	7	5	5.3	—	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-222	4.0–4.3	Soil	7	5	5.3	—	02 Dec 2004	0.69	4	12-22-2004	ND < 0.5	—	—
—	5TB-223	0.0–0.3	Soil	7	5	5.3	—	19 Nov 2004	3.6	4	12-22-2004	ND < 0.5	—	—
—	5TB-223	0.3–0.8	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-223	0.8–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-224	0.0–0.3	Asphalt	7	5	5.3	—	19 Nov 2004	**5.2**	—	—	—	—	—
—	5TB-224	0.3–0.8	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-224	0.8–1.3	Soil	7	5	5.3	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	MW-21	15–17	Soil	7	5	5.3	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-AAAAAA	0.0–0.3	Soil	7	5	5.3	—	22 Jul 2002	1.4	4	08-01-2002	ND < 0.5	—	—
—	TB-AAAAAA	0.3–2.3	Soil	7	5	5.3	—	22 Jul 2002	5.7	4	08-01-2002	ND < 0.5	—	—
—	TB-AAAAAA	10–12	Soil	7	5	5.3	—	22 Jul 2002	2.9	—	—	—	—	—
—	TB-AAAAAA	2.3–4.3	Soil	7	5	5.3	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	0.0–0.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	0.3–1.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	1.3–2.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	5–7	Soil	7	5	5.3	—	18 Jul 2002	9.7	—	—	—	—	—
—	TB-OOOOO	15–16	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	2.3–4.3	Soil	7	5	5.3	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-OOOOO	10–12	Soil	7	5	5.3	—	18 Jul 2002	0.71	—	—	—	—	—
—	5CO-019	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-019 **dup**	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	5	—	—	—	—
—	5CO-020	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-021	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-022	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-023	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-024	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-025	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-026	½ inch	Concrete	7	5	5.4	*P09*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-027	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-028	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	0.51	—	—	—	—	—
—	5CO-029	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	**3.9**	—	—	—	—	—
—	5CO-030	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-031	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	0.53	—	—	—	—	—
—	5CO-032	½ inch	Concrete	7	5	5.4	*Hatch*	04 Aug 2004	0.88	—	—	—	—	—
—	5CO-033	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-034	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-035	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-036	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-037	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	**3.2**	—	—	—	—	—
—	5CO-038	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	**3.8**	—	—	—	—	—
—	5CO-039	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-039 **dup**	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	5	—	—	—	—
—	5CO-040	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-112	½ inch	Concrete	7	5	5.4	*Hatch*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5CO-502	½ inch	Concrete	7	5	5.4	—	04 Aug 2004	ND < 0.50	—	—	—	—	—
—	5HA-235	0.0–0.3	Soil	7	5	5.4	—	14 Dec 2004	1.6	—	—	—	—	—
—	5HA-236	0.0–0.3	Soil	7	5	5.4	—	14 Dec 2004	0.55	—	—	—	—	—
—	5HA-236	2.0–2.5	Soil	7	5	5.4	—	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-025	3.3–5.3 **D**	Soil	7	5	5.4	—	03 Sep 2004	1.1	5, 7	NA	NA	1	—
—	5TB-025	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	**1.5**	7	—	—	—	—
—	5TB-025	0.3–1.3	Soil	7	5	5.4	—	03 Sep 2004	1.6	4	09-27-2004	ND < 0.5	—	—
—	5TB-025	1.3–3.3	Soil	7	5	5.4	—	03 Sep 2004	1.1	7	NA	NA	1	—
—	5TB-025	3.3–5.3	Soil	7	5	5.4	—	03 Sep 2004	1.1	4	09-27-2004	ND < 0.5	—	—
—	5TB-025 **EB**	3.3–5.3	Water	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-027	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	0.51	7	—	—	—	—
—	5TB-027	0.3–2.3	Soil	7	5	5.4	—	03 Sep 2004	**20**	3, 7	NA	NA	1	—
—	5TB-027	2.3–4.3	Soil	7	5	5.4	—	03 Sep 2004	**14**	3, 4	09-27-2004	ND < 0.5	—	—
—	5TB-027	4.3–6.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-029	0.0–0.3	Asphalt	7	5	5.4	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-029	0.3–1.3	Soil	7	5	5.4	—	16 Nov 2004	**63**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-029	4.0–4.5	Soil	7	5	5.4	—	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-029 **D**	2.0–2.5	Soil	7	5	5.4	—	02 Dec 2004	2.93	4, 5	12-22-2004	ND < 0.5	—	—
—	5TB-029 **EB**	2.0–2.5	Water	7	5	5.4	—	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-030	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	ND < 5.0	3	—	—	—	—
—	5TB-030	0.3–1.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-030	1.3–2.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-030	4.3–6.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	0.0–0.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	0.3–1.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	1.3–3.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-031	3.3–5.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-601	0.0–0.3	Asphalt	7	5	5.4	—	03 Sep 2004	0.88	7	—	—	—	—
—	5TB-601	0.3–2.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-601	2.3–4.3	Soil	7	5	5.4	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	AST-1	1–2	Soil	7	5	5.4	—	11 Jun 1998	2	6	—	—	—	GEI
—	**EB**-03	NA	Water	7	5	5.4	*P09*	03 Aug 2004	ND < 10	9	—	—	—	—
—	**EB**-04	NA	Water	7	5	5.4	—	04 Aug 2004	ND < 10	9	—	—	—	—
—	5SD-009	0.0–0.3	Sediment	7	5	5.4	*Pipe trench*	29 Oct 2004	ND < 2.0	3	—	—	—	—
—	5TB-029	2.0–2.5	Soil	7	5	5.4	—	02 Dec 2004	0.74	4	12-22-2004	ND < 0.5	—	—
—	TB-223	3.5–3.8	Soil	7	5	5.4	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-224	1.0–1.3	Soil	7	5	5.4	—	31 Mar 2000	5	6	—	—	—	GEI

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	TB-224	2–3	Soil	7	5	5.4	—	31 Mar 2000	7	6	—	—	—	GEI
—	TB-225	1.7–2.0	Soil	7	5	5.4	—	31 Mar 2000	**14**	6	—	—	—	GEI
—	TB-225	3.7–4.0	Soil	7	5	5.4	—	31 Mar 2000	4	6	—	—	—	GEI
—	TB-BBBBBB	0.0–0.3	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	0.3–2.3	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	10–12	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	2.3–4.3	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-BBBBBB	5–7	Soil	7	5	5.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	5AS-008	½ inch	Asphalt	7	5	5.5	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	5AS-009	½ inch	Asphalt	7	5	5.5	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	5AS-010	½ inch	Asphalt	7	5	5.5	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	5CO-111	½ inch	Concrete	7	5	5.5	—	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5CO-148	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-149	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-150	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-151	½ inch	Concrete	7	5	5.5	*P05*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5GP-253	0.0–0.3	Soil	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-253	0.3–1.3	Soil	7	5	5.5	—	16 Dec 2004	0.84	4	01-04-2005	ND < 0.5	—	—
—	5GP-253	1.3–3.0	Soil	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-253	3–5	Soil	7	5	5.5	—	16 Dec 2004	1.4	4	01-04-2005	ND < 0.5	—	—
—	5GP-253	5–7	Soil	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-253 **D**	1.3–3.0	Soil	7	5	5.5	—	16 Dec 2004	1.19	4, 5	01-04-2005	ND < 0.5	—	—
—	5GP-253 **EB**	1.3–3.0	Water	7	5	5.5	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5TB-032	0.0–0.3	Stone	7	5	5.5	—	03 Sep 2004	ND < 0.50	15	—	—	—	—
—	5TB-032	2.0–2.3	Soil	7	5	5.5	—	03 Sep 2004	**57**	3, 4	09-27-2004	ND < 0.5	—	—
—	5TB-032	2.3–4.3	Soil	7	5	5.5	—	03 Sep 2004	**14**	3, 4	09-27-2004	ND < 0.5	—	—
—	5TB-032	4.3–6.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-033	0.0–0.3	Stone	7	5	5.5	—	03 Sep 2004	0.76	4, 15	09-27-2004	ND < 0.5	—	—
—	5TB-033	1.3–2.3	Soil	7	5	5.5	—	03 Sep 2004	0.83	4	09-27-2004	ND < 0.5	—	—
—	5TB-033	4.3–5.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-033	5.3–6.3	Soil	7	5	5.5	—	03 Sep 2004	0.77	4	09-27-2004	ND < 0.5	—	—
—	5TB-034	0.0–0.3	Stone	7	5	5.5	—	03 Sep 2004	ND < 0.50	15	—	—	—	—
—	5TB-034	0.3–1.3	Soil	7	5	5.5	—	03 Sep 2004	0.89	7	NA	NA	1	—
—	5TB-034	2.3–3.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-034	3.3–4.3	Soil	7	5	5.5	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-034	4.3–6.3	Soil	7	5	5.5	—	03 Sep 2004	0.94	7	NA	NA	1	—
—	5TB-035	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-035	4.3–6.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-035	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-035	6.3–8.3 **D**	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-035 **EB**	6.3–8.3	Water	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	2.3–2.6	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	2.6–4.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-036	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 1.3	3	—	—	—	—
—	5TB-037	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	0.3–0.6	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	0.3–0.6 **D**	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-037	0.6–2.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	2.3–4.3	Soil	7	5	5.5	—	07 Sep 2004	3.4	4	09-27-2004	ND < 0.5	—	—
—	5TB-037	4.3–6.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-037 **EB**	0.3–0.6	Water	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	0.0–0.3	Stone	7	5	5.5	—	16 Nov 2004	ND < 0.50	15	—	—	—	—
—	5TB-164	0.3–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	1.3–2.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	2.3–3.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	3.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-164	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	0.0–0.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	0.3–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	1.3–2.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	2.3–3.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	3.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-165 **D**	2.3–3.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-165 **EB**	2.3–3.3	Water	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	0.0–0.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	0.3–0.8	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	0.8–2.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	2.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-166	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-167	0.0–0.3	Asphalt	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-167	0.3–0.8	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-167	0.8–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-168	0.0–0.3	Stone	7	5	5.5	—	16 Nov 2004	ND < 0.50	15	—	—	—	—
—	5TB-168	2.3–4.3	Soil	7	5	5.5	—	16 Nov 2004	3.3	4	12-16-2004	ND < 0.5	—	—

English Station
PCB Analytical Results
AOC-7

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-168	4.3–6.3	Soil	7	5	5.5	—	16 Nov 2004	**34**	3, 4	12-16-2004	ND < 0.5	—	—
—	5TB-169	0.0–0.3	Asphalt	7	5	5.5	—	16 Nov 2004	0.62	—	—	—	—	—
—	5TB-169	0.3–1.3	Soil	7	5	5.5	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-226	0.0–0.3	Soil	7	5	5.5	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-226	0.3–1.3	Soil	7	5	5.5	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-226	1.3–2.3	Soil	7	5	5.5	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-501	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-501	0.3–2.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	4.0–4.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	4.3–5.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	5.3–7.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	7.3–9.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-502	9.3–11.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	0.0–0.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	3.3–4.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	4.3–4.6	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	4.6–6.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-503	6.3–8.3	Soil	7	5	5.5	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	C1	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C2	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C3	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C4	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	C5	½ inch	Concrete	7	5	5.5	*GH4*	10 Apr 2003	ND < 0.50	18	—	—	—	—
—	GH4-S1	6.0–6.3	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-E1	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	1.0	—	—	—	—	—
—	GH4-E2	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	0.82	—	—	—	—	—
—	GH4-E3	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	0.74	—	—	—	—	—
—	GH4-N1	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	8.0	3	—	—	—	—
—	GH4-N2	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	5.5	—	—	—	—	—
—	GH4-S1	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	**11**	3	—	—	—	—
—	GH4-S1	8.0–8.3 E	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S1	8.0–8.3 W	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S1 **Dup.**	4.0–4.3	Soil	7	5	5.5	—	03 Apr 2003	7.4	3, 5	—	—	—	—
—	GH4-S2	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	1.0	—	—	—	—	—
—	GH4-S3	6.0–6.3	Soil	7	5	5.5	—	14 Apr 2003	5.1	—	—	—	—	—
—	GH4-S3	8.0–8.3	Soil	7	5	5.5	—	14 Apr 2003	7.0	—	—	—	—	—
—	GH4-S3	2.0–2.3	Soil	7	5	5.5	—	10 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S4	2.0–2.3	Soil	7	5	5.5	—	10 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S5	6.0–6.3	Soil	7	5	5.5	—	14 Apr 2003	4.1	—	—	—	—	—
—	GH4-S5	8.0–8.3	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S3	4.0–4.3	Soil	7	5	5.5	—	14 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S6	4.0–4.3	Soil	7	5	5.5	—	10 Apr 2003	ND < 0.50	—	—	—	—	—
—	GH4-S5	4.0–4.3	Soil	7	5	5.5	—	14 Apr 2003	0.52	—	—	—	—	—
—	SS-QQ	NA	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-CCCCCC	10–12	Soil	7	5	5.5	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-CCCCCC	5–7	Soil	7	5	5.5	—	22 Jul 2002	1.3	4	08-01-2002	ND < 0.5	—	—
—	TB-NNNNN	0.0–0.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	0.3–1.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	1.3–2.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	2.3–4.3	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-NNNNN	5–7	Soil	7	5	5.5	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	5CO-118	½ inch	Concrete	7	5	5.6	*Hatch*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5HA-237	0–2	Stone	7	5	5.6	*Bulkhead*	14 Dec 2004	ND < 0.50	15	—	—	—	—
—	5HA-238	1.0–1.3	Soil	7	5	5.6	*Bulkhead*	14 Dec 2004	1.8	—	—	—	—	—
—	5HA-238	1.3–1.8	Soil	7	5	5.6	*Bulkhead*	14 Dec 2004	1.2	—	—	—	—	—
—	5HA-238	1.8–2.3	Soil	7	5	5.6	*Bulkhead*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5SD-002	Surface	Sediment	7	5	5.6	*Pipe trench*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	0.3–1.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	1.3–3.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	3.3–5.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-039	5.3–7.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	2.3–3.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	3.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-040	6.3–7.8	Stone	7	5	5.6	—	07 Sep 2004	ND < 0.50	15	—	—	—	—
—	5TB-041	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-041	2.3–3.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-041	3.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-041	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-041	6.3–8.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-042	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042	0.3–2.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042	2.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042	2.3–4.3 **D**	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	5	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-042	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-042 **EB**	2.3–4.3	Water	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	0.0–0.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	0.3–1.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	1.3–2.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	2.3–4.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-043	4.3–6.3	Soil	7	5	5.6	—	07 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	0.0–0.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-044	0.3–1.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	1.3–2.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	2.3–4.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	4.3–6.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-044	6.3–8.3	Soil	7	5	5.6	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	A-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	A-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	B-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	C-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	D-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	D-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.8	—	—	—	—	—
—	D-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.59	—	—	—	—	—
—	D-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	D-5 [P08] **dup**	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	5	—	—	—	—
—	D-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.85	—	—	—	—	—
—	E-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	E-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	**EB**-1 [P08]	NA	Water	7	5	5.6	*P08*	27 Aug 2002	ND < 10	—	—	—	—	—
—	**EB**-2 [P08]	NA	Water	7	5	5.6	*P08*	27 Aug 2002	ND < 10	—	—	—	—	—
—	F-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	F-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	F-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.53	—	—	—	—	—
—	F-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	F-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-1 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-2 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-3 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-4 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	G-5 [P08]	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-1	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-2	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-3	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	0.53	—	—	—	—	—
—	H-4	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-5	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	H-5 **dup**	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	5	—	—	—	—
—	I-1	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-2	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-3	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-4	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	I-5	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	MW-17D	26–28	Soil	7	5	5.6	—	10 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	MW-17S	4–6	Soil	7	5	5.6	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	SS-04	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	3	6	—	—	—	GEI
—	SS-05	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	2	6	—	—	—	GEI
—	SS-06	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	1	6	—	—	—	GEI
—	SS-08	0.0–0.3	Soil	7	5	5.6	—	31 Mar 2000	1	6	—	—	—	GEI
—	SS-1D	0.5	Soil	7	5	5.6	—	19 Jun 1998	**14**	6	—	—	—	GEI
—	SS-1S	NS	Soil	7	5	5.6	—	19 Jun 1998	1	6	—	—	—	GEI
—	TB-21	0–2	Soil	7	5	5.6	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-219	3.0–3.3	Soil	7	5	5.6	*P08*	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-219	7.0–7.3	Soil	7	5	5.6	*P08*	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-220	1.5–1.8	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-220	3.5–3.8	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-220	5.0–5.3	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-221	5.0–5.3	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI

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PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	TB-222	1.7–2.0	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-222	5.9–6.2	Soil	7	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	TB-DDDDDD	0.0–0.3	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	0.3–2.3	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	10–12	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	2.3–4.3	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-DDDDDD	5–7	Soil	7	5	5.6	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	Z-1	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—
—	Z-2	½ inch	Concrete	7	5	5.6	*P08*	27 Aug 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5HA-049	0.7–1.0	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	0.88	4	11-01-2004	ND < 0.50	—	—
—	5HA-049	1.0–2.0	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-050	1.0–1.5	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	1.3	4	11-01-2004	ND < 0.50	—	—
—	5HA-050	1.5–2.3	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-051	1.5–1.8	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-051	1.8–2.3	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-052	1.5–1.8	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-052	1.8–2.3	Soil	8	5	5.6	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	SS-07	0.0–0.3	Soil	8	5	5.6	—	31 Mar 2000	ND < 1.0	6	—	—	—	GEI
—	SS-RR	0.3–0.5	Soil	8	5	5.6	—	19 Jul 2002	1.0	4	08-01-2002	ND < 0.50	—	—
—	TB-MMMMM	0.0–0.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	0.3–1.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	1.3–2.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	10–12	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	2.3–4.3	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-MMMMM	5–7	Soil	8	5	5.6	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	5PP-003	NA	Oil	8	5	5.7	*TK02*	04 Nov 2004	ND < 5.0	3	—	—	—	—
—	5PP-001	NA	Oil	8	5	5.7	*TK01*	04 Nov 2004	ND < 5.0	3	—	—	—	—
—	5AS-020	0.0–0.5	Asphalt	8	5	5.7	—	23 Nov 2004	**3.2**	3	—	—	—	—
—	5CO-110	½ inch	Concrete	8	5	5.7	*P25*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	5CO-114	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-115	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5CO-116	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	0.9	—	—	—	—	—
—	5CO-117	½ inch	Concrete	8	5	5.7	*Hatch*	23 Nov 2004	ND < 2.0	3	—	—	—	—
—	5CO-162	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-163	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-164	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-164 **D**	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	5	—	—	—	—
—	5CO-164 **EB**	NA	Water	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-165	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-166	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-167	½ inch	Concrete	8	5	5.7	*EN08*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-168	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-169	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-170	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-171	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-172	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-173	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-174	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-175	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-505	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-506	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 1.0	3	—	—	—	—
—	5CO-507	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 1.0	3	—	—	—	—
—	5CO-508	½ inch	Concrete	8	5	5.7	*EN09*	14 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-251	0.0–0.3	Asphalt	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-251	0.3–1.3	Soil	8	5	5.7	—	16 Dec 2004	2.2	—	—	—	—	—
—	5GP-251	1.3–3.0	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	4	01-04-2005	ND < 0.50	—	—
—	5GP-251	3–4	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	0.0–0.3	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	0.3–1.3	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	1.3–3.0	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-252	3–4	Soil	8	5	5.7	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5HA-053	2.0–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-053	2.3–2.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-054	1.7–2.0	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	10	4	11-01-2004	ND < 0.50	—	—
—	5HA-054	2.0–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-055	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	4.9	4	11-01-2004	0.67	—	—
—	5HA-055	1.8–2.5	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-056	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	2.9	4	11-01-2004	ND < 0.50	—	—
—	5HA-056	1.8–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-056 **D**	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	2.6	4, 5	11-01-2004	ND < 0.50	—	—
—	5HA-056 **EB**	1.8–2.3	Water	8	5	5.7	*Bulkhead*	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-057	1.5–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**32**	3, 4	11-01-2004	1.4	—	—
—	5HA-057	1.8–2.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	0.78	4	11-01-2004	ND < 0.50	—	—
—	5HA-058	1.0–1.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**190**	3, 4	11-01-2004	**16**	2	—
—	5HA-058	1.3–1.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**1,800**	3, 4, 14	11-01-2004	**22**	2	—
—	5HA-059	0.5–0.8	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	5.2	4	11-01-2004	ND < 0.50	—	—
—	5HA-059	0.8–1.3	Soil	8	5	5.7	*Bulkhead*	21 Oct 2004	**620**	3, 4, 14	11-01-2004	ND < 0.50	—	—
—	5HA-119	0.3–0.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	0.51	4	11-22-2004	ND < 0.50	—	—
—	5HA-119	0.5–1.0	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	0.57	4	11-22-2004	ND < 0.50	—	—
—	5HA-119	1.0–1.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-119	1.5–2.0	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	5HA-120	0.3–0.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	6.6	4	11-22-2004	ND < 0.50	—	—
—	5HA-120	0.5–1.0	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	1.4	4	11-22-2004	ND < 0.50	—	—
—	5HA-120	1.0–1.5	Soil	8	5	5.7	*Bulkhead*	29 Oct 2004	2.3	4	11-22-2004	ND < 0.50	—	—
—	5HA-144	0.0–0.25	Soil	8	5	5.7	*Bulkhead*	09 Nov 2004	**13,000**	3, 4, 12, 14	12-10-2004	**160**	2	—
—	5HA-144	0.5–0.75	Soil	8	5	5.7	*Bulkhead*	09 Nov 2004	**7,000**	3, 4, 12, 14	12-10-2004	1.0	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5HA-144	0.75–1.5	Soil	8	5	5.7	*Bulkhead*	09 Nov 2004	**360**	3, 4, 14	12-10-2004	0.62	—	—
—	5HA-232	0.0–0.25	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	**310**	3, 4, 14	12-22-2004	ND < 0.50	—	—
—	5HA-232	0.25–1.25	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	8.3	4	12-22-2004	ND < 0.50	—	—
—	5HA-233	0.25–0.5	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	0.99	4	12-22-2004	ND < 0.50	—	—
—	5HA-233	0.5–1.5	Soil	8	5	5.7	*Bulkhead*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	5SD-003	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	01 Sep 2004	**37**	3	—	—	—	—
—	5SD-004	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	01 Sep 2004	**130**	3	—	—	—	—
—	5SD-005	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	01 Sep 2004	**4.1**	3	—	—	—	—
—	5SD-008	0.0–0.3	Sediment	8	5	5.7	*Pipe trench*	29 Oct 2004	**3.3**	4	11-22-2004	ND < 0.50	—	—
—	5HX-024	NA	Hexane	8	5	5.7	*Foam house*	23 Nov 2004	ND < 5.0	3	—	—	—	—
—	5XX-004	NA	Misc. liquid	8	5	5.7	*Foam house*	23 Nov 2004	ND < 4.0	3	—	—	—	—
—	5TB-060	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	0.3–1.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	1.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	1.3–2.3 **D**	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-060	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-060 **EB**	1.3–2.3	Water	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-061	0.3–1.3	Soil	8	5	5.7	—	08 Sep 2004	0.67	7	NA	NA	1	—
—	5TB-061	1.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-061	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-062	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-062	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-063	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	**6.3**	3	—	—	—	—
—	5TB-063	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	0.6	7	NA	NA	1	—
—	5TB-063	2.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-063	4.3–5.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-063	5.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-063	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-064	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-064	4.3–5.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-064	5.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	0.0–0.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	2.3–3.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-065	3.3–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	ND < 0.80	3	—	—	—	—
—	5TB-066	0.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	0.3–2.3 **D**	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	5	—	—	—	—
—	5TB-066	2.3–2.6	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	2.6–4.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066	6.3–8.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-066 **EB**	0.3–2.3	Water	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-067	0.0–0.3	Asphalt	8	5	5.7	—	08 Sep 2004	1	7	—	—	—	—
—	5TB-067	0.3–1.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-067	1.3–2.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-067	4.3–6.3	Soil	8	5	5.7	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	1.3–2.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	2.0–4.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-153	4.0–6.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	0.0–0.3	Asphalt	8	5	5.7	—	15 Nov 2004	0.74	—	—	—	—	—
—	5TB-154	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-154	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	0.0–0.3	Asphalt	8	5	5.7	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-155	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	1.3–2.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	2.0–4.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-155	4.0–6.0	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-156	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-157	0.0–0.3	Asphalt	8	5	5.7	—	15 Nov 2004	**1.9**	3	—	—	—	—
—	5TB-157	0.3–1.8	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-157	1.8–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-8

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-157	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	0.61	—	—	—	—	—
—	5TB-157	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-157 **D**	0.3–1.8	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-157 **EB**	0.3–1.8	Water	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	1.2	—	—	—	—	—
—	5TB-158	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-158	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	0.0–0.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	0.3–1.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	1.3–2.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	2.3–4.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-159	4.3–6.3	Soil	8	5	5.7	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	**1.5**	3	—	—	—	—
—	5TB-160	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-160	5–7	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161	4.3–6.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-161 **D**	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-161 **EB**	2.3–4.3	Water	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-162	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	0.53	4	12-16-2004	ND < 0.50	—	—
—	5TB-162	4.3–6.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	0.0–0.3	Asphalt	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	0.3–1.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	1.3–2.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	2.3–4.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-163	4.3–6.3	Soil	8	5	5.7	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	0.0–0.3	Asphalt	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	0.3–1.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	1.3–2.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	2.3–4.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227	4.3–6.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-227 **D**	2.3–4.3	Soil	8	5	5.7	—	19 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-227 **EB**	2.3–4.3	Water	8	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5XX-003	0.0–0.3	Misc. solid	8	5	5.7	*Foam house*	19 Nov 2004	**2.4**	3	—	—	—	—
—	5SW-002	Surface	Water	8	5	5.7	*EN08*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	CB-5	Surface	Sediment	8	5	5.7	*CB5*	18 Jul 2002	0.52	—	—	—	—	—
—	**EB**-16	NA	Water	8	5	5.7	*P25*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	MW-16	6–8	Soil	8	5	5.7	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	5SD-006	0.0–0.3	Sediment	8	5	5.7	*Sump3*	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	SS-SS	0.3–0.5	Soil	8	5	5.7	—	19 Jul 2002	3.2	4	08-01-2002	ND < 0.50	—	—
—	TB-24	6–8	Soil	8	5	5.7	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-25	2–4	Soil	8	5	5.7	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-EEEEEE	0.0–0.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-EEEEEE	0.3–2.3	Soil	8	5	5.7	—	22 Jul 2002	**42**	4	08-01-2002	1.8	—	—
—	TB-EEEEEE	10–12	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-EEEEEE	2.3–4.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-EEEEEE	5–7	Soil	8	5	5.7	—	22 Jul 2002	2.6	4	08-01-2002	ND < 0.50	—	—
—	TB-FFFFFF	0.0–0.3	Soil	8	5	5.7	—	22 Jul 2002	7.5	4	08-01-2002	ND < 0.50	—	—
—	TB-FFFFFF	0.3–2.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-FFFFFF	10–12	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-FFFFFF	2.3–4.3	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-FFFFFF	5–7	Soil	8	5	5.7	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	0.0–0.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	0.3–1.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	1.3–2.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	15–17	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	2.3–4.3	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-LLLLL	5–7	Soil	8	5	5.7	—	18 Jul 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	G12	7.74	Soil	9	3	3.2	*Remediation*	03 Jun 1998	1.6	16	—	—	—	UI
—	G12	9.74	Soil	9	3	3.2	*Remediation*	03 Jun 1998	ND	16	—	—	—	UI
—	3CO-182	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3CO-183	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3CO-184	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3CO-185	½ inch	Concrete	6	3	3.3	*P22*	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3AS-021	½ inch	Asphalt	9	3	3.3	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	3AS-022	½ inch	Asphalt	9	3	3.3	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	3AS-040	½ inch	Asphalt	9	3	3.3	*P22*	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	3AS-041	½ inch	Asphalt	9	3	3.3	*P22*	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	3CO-041	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-042	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-043	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-044	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-045	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-046	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-047	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-048	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-049	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-050	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-051	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-052	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-053	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-054	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-055	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-056	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-056 **D**	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	5	—	—	—	—
—	3CO-057	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-058	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-059	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-060	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 1.0	3	—	—	—	—
—	3CO-061	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-062	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-063	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-064	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-076	½ inch	Concrete	9	3	3.3	*P21*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-076 **D**	½ inch	Concrete	9	3	3.3	*P21*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	3CO-077	½ inch	Concrete	9	3	3.3	*P20*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	3CO-077 **D**	½ inch	Concrete	9	3	3.3	*P20*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	3CO-503	½ inch	Concrete	9	3	3.3	*EN03*	25 Aug 2004	ND < 1.0	3	—	—	—	—
—	3GP-254	0.0–0.3	Stone	9	3	3.3	—	16 Dec 2004	ND < 0.50	15	—	—	—	—
—	3GP-254	0.3–1.0	Soil	9	3	3.3	—	16 Dec 2004	4.1	4	01-11-2005	ND < 0.5	—	—
—	3GP-254	1–2	Soil	9	3	3.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	0.0–0.5	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	0.5–1.0	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	1.0–1.5	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-114	1.5–2.0	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-115	0.0–0.5	Soil	9	3	3.3	—	25 Oct 2004	8.8	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-115	0.5–1.0	Soil	9	3	3.3	—	25 Oct 2004	**11.3**	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-115	1.0–1.5	Soil	9	3	3.3	—	25 Oct 2004	5.9	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-115	1.5–2.0	Soil	9	3	3.3	—	25 Oct 2004	3.3	4	11-10-2004	ND < 0.5	—	—
—	3HA-116	0.0–0.3	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-116	0.3–0.8	Soil	9	3	3.3	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-231	0.25–0.5	Soil	9	3	3.3	—	23 Nov 2004	0.75	4	12-22-2004	ND < 0.5	—	—
—	3HA-231	0.5–1.5	Soil	9	3	3.3	—	23 Nov 2004	4.4	4	12-22-2004	ND < 0.5	—	—
—	3HA-231 **D**	0.25–0.5	Soil	9	3	3.3	—	23 Nov 2004	1	4, 5	12-22-2004	ND < 0.5	—	—
—	3HA-231 **EB**	0.25–0.5	Water	9	3	3.3	—	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HX-001	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-002	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 40	9	—	—	—	—
—	3HX-003	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-004	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-005	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-006	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	3HX-006 **D**	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	5	—	—	—	—
—	3SD-001	0.0–0.3	Sediment	9	3	3.3	*EN03*	24 Aug 2004	**2.6**	—	—	—	—	—
—	PCB-05	0.5	Sediment	9	3	3.3	*EN03*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	GP-01	12	Soil	9	3	3.3	—	12 Dec 1997	1.4	16	—	—	—	UI
—	GP-02	12	Soil	9	3	3.3	—	12 Dec 1997	5	16	—	—	—	UI
—	GP-03	12	Soil	9	3	3.3	—	12 Dec 1997	ND < 1.0	16	—	—	—	UI
—	GP-04	12	Soil	9	3	3.3	—	12 Dec 1997	1.9	16	—	—	—	UI
—	GP-09	0–1	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	1–2	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	2–3	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	3–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	4–5	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	5–6	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	6–7	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	GP-09	7–8	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	8–9	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	9–10	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	10–11	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	11–12	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	12–13	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	13–14	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	14–15	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-09	18–20	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	0–1	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	1–2	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	2–3	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	3–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	4–5	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	5–6	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	6–7	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	7–8	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	8–9	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	9–10	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	10–11	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-10	11–12	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	0–1	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	1–2	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	2–3	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	3–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	4–5	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	5–6	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	6–7	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	7–8	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	8–9	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-11	9–10	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	0–4	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	4–8	Soil	9	3	3.3	—	19 Dec 1997	2.7	16	—	—	—	UI
—	GP-15	8–12	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	12–16	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	16–20	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	20–25	Soil	9	3	3.3	—	19 Dec 1997	1.4	16	—	—	—	UI
—	GP-15	24–28	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	28–32	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	GP-15	32–36	Soil	9	3	3.3	—	19 Dec 1997	ND	16	—	—	—	UI
—	3SW-001	Surface	Water	9	3	3.3	*EN03*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	**EB**-05	NA	Water	9	3	3.3	*EN03*	25 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-08	NA	Water	9	3	3.3	*P21*	27 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-09	NA	Water	9	3	3.3	*P20*	27 Aug 2004	ND < 12	9	—	—	—	—
—	Field Blank 1	NA	Hexane	9	3	3.3	*EN03*	26 Aug 2004	ND < 5.0	—	—	—	—	—
—	G11	9.35	Soil	9	3	3.3	*Remediation*	17 Jul 1998	ND	16	—	—	—	UI
—	PCB-06	NS	Sediment	9	3	3.3	*EN02*	11 Jun 1998	**4**	6	—	—	—	GEI
—	TB-BBB	3–5	Soil	9	3	3.3	—	13 Feb 2002	**15**	4	02-27-2002	0.74	—	—
—	TB-BBB	5–7	Soil	9	3	3.3	—	13 Feb 2002	**15**	4	02-27-2002	0.72	—	—
—	TB-BBB	10–13	Soil	9	3	3.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-BBB	1–3	Soil	9	3	3.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-1	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-2	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-3	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-4	NA	Hexane	9	3	3.3	*EN02*	06 Feb 2002	ND < 5.0	—	—	—	—	—
—	TXFP1-A1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-A2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-A3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-A4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.5**	—	—	—	—	—
—	TXFP1-A5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.2**	—	—	—	—	—
—	TXFP1-B1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.83	—	—	—	—	—
—	TXFP1-B2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.69	—	—	—	—	—
—	TXFP1-B3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-B4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.61	—	—	—	—	—
—	TXFP1-B5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.58	—	—	—	—	—
—	TXFP1-C1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-C2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.85	—	—	—	—	—
—	TXFP1-C3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.4**	—	—	—	—	—
—	TXFP1-C4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**2.2**	—	—	—	—	—
—	TXFP1-C5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-D1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-D2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**4.0**	—	—	—	—	—
—	TXFP1-D3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**2.2**	—	—	—	—	—
—	TXFP1-D4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**2.1**	—	—	—	—	—
—	TXFP1-E1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-E2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-E3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.9**	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	TXFP1-E4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.8**	—	—	—	—	—
—	TXFP1-E5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.92	—	—	—	—	—
—	TXFP1-F1	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	**1.1**	—	—	—	—	—
—	TXFP1-F2	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.71	—	—	—	—	—
—	TXFP1-F3	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	0.69	—	—	—	—	—
—	TXFP1-F4	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	TXFP1-F5	½ inch	Concrete	9	3	3.3	*EN02*	05 Feb 2002	ND < 0.50	—	—	—	—	—
—	3PP-011	NA	Oil	9	3	3.3	*EN02*	20 Jun 2007	ND	20	—	—	—	—
—	4AS-018	½ inch	Asphalt	9	4	4.1	—	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	4AS-019	½ inch	Asphalt	9	4	4.1	—	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	4AS-042	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4AS-043	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-044	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-045	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-046	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-047	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-048	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-049	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4AS-050	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	1	3	—	—	—	—
—	4AS-051	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	**1.2**	3	—	—	—	—
—	4AS-052	½ inch	Asphalt	9	4	4.1	—	16 Dec 2004	ND < 1.0	3	—	—	—	—
—	4CO-078	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-079	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-080	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-081	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-081 **D**	½ inch	Concrete	9	4	4.1	*EN04*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	4CO-126	½ inch	Concrete	9	4	4.1	*@ 4.2*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-127	½ inch	Concrete	9	4	4.1	*@ 4.2*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-128	½ inch	Concrete	9	4	4.1	*@ 4.2*	23 Nov 2004	0.53	—	—	—	—	—
—	4GP-245	0.0–0.3	Asphalt	9	4	4.1	—	16 Dec 2004	**2.9**	4	01-06-2005	ND < 0.5	—	—
—	4GP-245	0.3–1.3	Soil	9	4	4.1	—	16 Dec 2004	2.8	4	01-06-2005	ND < 0.5	—	—
—	4GP-245	1.3–3.0	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-245	3–4	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-245	4–6	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-245	6–7	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-246	0.0–0.3	Soil	9	4	4.1	—	16 Dec 2004	**320**	3, 4, 14	01-06-2005	**6.7**	—	—
—	4GP-246	0.3–2.0	Soil	9	4	4.1	—	16 Dec 2004	9.1	—	—	—	—	—
—	4GP-246	2–4	Soil	9	4	4.1	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-246	4–6	Soil	9	4	4.1	—	16 Dec 2004	**700**	3, 4	01-06-2005	**5.5**	—	—
—	4GP-246	6–8	Soil	9	4	4.1	—	16 Dec 2004	**20**	3, 4	01-06-2005	2.5	—	—
—	4HA-084	1.3–1.6	Soil	9	4	4.1	—	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-084	1.6–2.1	Soil	9	4	4.1	—	21 Oct 2004	0.73	4	11-01-2004	ND < 0.5	—	—
—	4HA-085	1.0–1.5	Soil	9	4	4.1	—	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-085	1.5–2.0	Soil	9	4	4.1	—	21 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-086	0.7–1.0	Soil	9	4	4.1	—	22 Oct 2004	1.7	4	11-09-2004	ND < 0.5	—	—
—	4HA-086	1.0–1.5	Soil	9	4	4.1	—	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-086	1.5–2.0	Soil	9	4	4.1	—	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-087	1.0–1.3	Soil	9	4	4.1	—	22 Oct 2004	2	4	11-09-2004	ND < 0.5	—	—
—	4HA-087	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	0.99	4	11-09-2004	ND < 0.5	—	—
—	4HA-087	1.8–2.3	Soil	9	4	4.1	—	22 Oct 2004	1.4	4	11-09-2004	ND < 0.5	—	—
—	4HA-088	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**16**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-088	0.8–1.3	Soil	9	4	4.1	—	22 Oct 2004	1.2	4	11-09-2004	ND < 0.5	—	—
—	4HA-088	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-089	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**64**	3, 4	11-09-2004	1.3	—	—
—	4HA-089	0.8–1.3	Soil	9	4	4.1	—	22 Oct 2004	0.89	4	11-09-2004	ND < 0.5	—	—
—	4HA-089	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	1.6	4	11-09-2004	ND < 0.5	—	—
—	4HA-089	1.8–2.3	Soil	9	4	4.1	—	22 Oct 2004	**37**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-090	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**13**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-090	0.8–1.3	Soil	9	4	4.1	—	22 Oct 2004	**29**	3, 4	11-09-2004	0.59	—	—
—	4HA-090	1.3–1.8	Soil	9	4	4.1	—	22 Oct 2004	**24**	3, 4	11-09-2004	ND < 0.5	—	—
—	4HA-090 **D**	0.5–0.8	Soil	9	4	4.1	—	22 Oct 2004	**15**	3, 4, 5	11-09-2004	ND < 0.5	—	—
—	4HA-090 **EB**	0.5–0.8	Water	9	4	4.1	—	22 Oct 2004	0.81	—	—	—	—	—
—	4HA-121	0.0–0.25	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-121	0.5–0.8	Soil	9	4	4.1	—	04 Nov 2004	1.2	4	11-24-2004	ND < 0.5	—	—
—	4HA-121	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-122	0.5–0.8	Soil	9	4	4.1	—	04 Nov 2004	1.3	4	11-24-2004	ND < 0.5	—	—
—	4HA-122	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-123	0.0–0.25	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-123	0.5–0.8	Soil	9	4	4.1	—	04 Nov 2004	1.2	4	11-24-2004	ND < 0.5	—	—
—	4HA-123	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-123 **D**	0.8–1.8	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	5	—	—	—	—
—	4HA-123 **EB**	0.8–1.8	Water	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-124	0.3–0.6	Soil	9	4	4.1	—	04 Nov 2004	**86**	3, 4	11-24-2004	0.89	—	—
—	4HA-124	0.6–1.4	Soil	9	4	4.1	—	04 Nov 2004	**17**	3, 4	11-24-2004	0.51	—	—
—	4HA-125	0.0–0.25	Soil	9	4	4.1	—	04 Nov 2004	1.4	4	11-24-2004	ND < 0.5	—	—
—	4HA-125	0.4–0.7	Soil	9	4	4.1	—	04 Nov 2004	5.6	4	11-24-2004	ND < 0.5	—	—
—	4HA-125	0.7–1.7	Soil	9	4	4.1	—	04 Nov 2004	**18**	3, 4	11-24-2004	ND < 0.5	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4HA-126	0.4–0.7	Soil	9	4	4.1	—	04 Nov 2004	1.2	4	11-24-2004	ND < 0.5	—	—
—	4HA-126	0.7–1.7	Soil	9	4	4.1	—	04 Nov 2004	1.4	4	11-24-2004	ND < 0.5	—	—
—	4HA-127	0.0–0.2	Soil	9	4	4.1	—	04 Nov 2004	2.6	4	11-24-2004	ND < 0.5	—	—
—	4HA-127	0.2–0.5	Soil	9	4	4.1	—	04 Nov 2004	3	4	11-24-2004	ND < 0.5	—	—
—	4HA-127	0.5–1.5	Soil	9	4	4.1	—	04 Nov 2004	ND < 0.50	—	—	—	—	—
—	4HA-128	0.25–0.5	Soil	9	4	4.1	—	04 Nov 2004	**33**	3, 4	11-24-2004	ND < 0.5	—	—
—	4HA-128	0.5–1.0	Soil	9	4	4.1	—	04 Nov 2004	1.4	4	11-24-2004	ND < 0.5	—	—
—	4HA-129	0.0–0.2	Soil	9	4	4.1	—	04 Nov 2004	**44**	3, 4	11-24-2004	ND < 0.5	—	—
—	4HA-129	0.3–0.6	Soil	9	4	4.1	—	04 Nov 2004	**54**	3, 4	11-24-2004	2.4	—	—
—	4HA-129	0.6–1.6	Soil	9	4	4.1	—	04 Nov 2004	0.78	4	11-24-2004	ND < 0.5	—	—
—	4HA-145	0.0–0.25	Asphalt	9	4	4.1	—	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	4HA-145	0.75–1.0	Soil	9	4	4.1	—	09 Nov 2004	**28**	3, 4	12-10-2004	ND < 0.5	—	—
—	4HA-145	1.0–2.0	Soil	9	4	4.1	—	09 Nov 2004	**13**	3	—	—	—	—
—	4HA-505	1.0–1.3	Soil	9	4	4.1	*@ 4.2 S*	21 Oct 2004	**67**	3, 4	11-01-2004	1.7	—	—
—	4HA-505	1.3–1.8	Soil	9	4	4.1	*@ 4.2 S*	21 Oct 2004	2.3	4	11-01-2004	ND < 0.5	—	—
—	4HA-512	0.0–0.3	Soil	9	4	4.1	*@ 4.2 S*	01 Nov 2004	**9,200**	4, 11, 14	11-15-2004	**20**	2	—
—	4HA-512	0.5–0.8	Soil	9	4	4.1	*@ 4.2 S*	29 Oct 2004	**30**	3, 4	11-22-2004	ND < 0.5	—	—
—	4HA-512 **D**	0.5–0.8	Soil	9	4	4.1	*@ 4.2 S*	29 Oct 2004	**14**	3, 4, 5	11-22-2004	0.54	—	—
—	4HA-512 **EB**	0.5–0.8	Water	9	4	4.1	*@ 4.2 S*	29 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-513	0.0–0.25	Soil	9	4	4.1	*@ 4.2 W*	04 Nov 2004	2	4	11-24-2004	ND < 0.5	—	—
—	4HA-513	0.25–1.25	Soil	9	4	4.1	*@ 4.2 W*	04 Nov 2004	3.4	4	11-24-2004	ND < 0.5	—	—
—	4SD-010	0.0–0.3	Sludge	9	4	4.1	*Septic West*	18 Nov 2004	ND < 14	3	—	—	—	—
—	4TB-091	0.0–0.3	Soil	9	4	4.1	—	09 Sep 2004	2.2	4	09-28-2004	ND < 0.5	—	—
—	4TB-091	0.3–1.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-091	1.3–2.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-091	2.3–4.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-091	4.3–6.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-208	0.0–0.3	Stone	9	4	4.1	—	18 Nov 2004	1.1	15	—	—	—	—
—	4TB-208	0.3–2.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-208	4.3–6.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	3	—	—	—	—
—	4TB-209	0.0–0.3	Soil	9	4	4.1	—	18 Nov 2004	4.6	4	12-23-2004	ND < 0.5	—	—
—	4TB-209	0.3–1.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-209	1.3–2.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-209	2.3–4.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-210	0.0–0.3	Asphalt	9	4	4.1	—	18 Nov 2004	0.9	—	—	—	—	—
—	4TB-210	1.0–3.0	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-210	3.0–5.0	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-210 **D**	3.0–5.0	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-210 **EB**	3.0–5.0	Water	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-211	0.0–0.3	Soil	9	4	4.1	—	18 Nov 2004	1.3	4	12-23-2004	ND < 0.5	—	—
—	4TB-211	0.3–1.3	Soil	9	4	4.1	—	18 Nov 2004	3.3	4	12-23-2004	ND < 0.5	—	—
—	4TB-211	1.3–2.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-211	2.3–4.3	Soil	9	4	4.1	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-212	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	0.82	4	12-24-2004	ND < 0.5	—	—
—	4TB-212	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	3.7	4	12-24-2004	ND < 0.5	—	—
—	4TB-212	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-212	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-212	4.3–6.3	Soil	9	4	4.1	—	19 Nov 2004	0.53	4	12-24-2004	ND < 0.5	—	—
—	4TB-213	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	2.3	4	12-24-2004	ND < 0.5	—	—
—	4TB-213	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-213	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-213	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-213	4.3–6.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-214	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	1.3	4	12-24-2004	ND < 0.5	—	—
—	4TB-214	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-214	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-214	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	0.67	4	12-24-2004	ND < 0.5	—	—
—	4TB-215	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-215 **D**	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-215 **EB**	0.3–1.3	Water	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-216	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	0.68	4	12-24-2004	ND < 0.5	—	—
—	4TB-216	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-216	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-216	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-217	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	0.0–0.3	Asphalt	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	1.0–2.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	2.0–3.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	3.0–5.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-218	5.0–7.0	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	0.0–0.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4TB-219	0.3–1.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	1.3–2.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	2.3–4.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-219	4.3–6.3	Soil	9	4	4.1	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-504	0.0–0.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-504	0.3–1.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-504	1.3–2.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-504	2.3–4.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-504	2.3–4.3 **D**	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	5	—	—	—	—
—	4TB-504	4.3–6.3	Soil	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-504 **EB**	2.3–4.3	Water	9	4	4.1	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4XX-002	1.0–1.5	Sediment	9	4	4.1	*Catch basin*	17 Nov 2004	**3.3**	4	12-15-2004	ND < 0.5	—	—
—	**EB**-10	NA	Water	9	4	4.1	*EN04*	27 Aug 2004	ND < 12	9	—	—	—	—
—	MW-13	13–15	Soil	9	4	4.1	—	01 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-03	0.0–0.3	Soil	9	4	4.1	*EN04*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-04	0.0–0.3	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-07	0.5	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-08	0.8	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-09	0.8	Soil	9	4	4.1	*Gen. pad*	11 Jun 1998	1	6	—	—	—	GEI
—	PCB-10	0.5	Soil	9	4	4.1	—	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-33	0.0–0.3	Soil	9	4	4.1	—	07 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-34	0.0–0.3	Soil	9	4	4.1	—	07 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-35	0.0–0.3	Soil	9	4	4.1	—	07 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-CCC	0–2	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-CCC	10–13	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-CCC	2.0–2.5	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-CCC	5–7	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-DDD	0–2	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-DDD	5–7	Soil	9	4	4.1	—	18 Jul 2002	0.56	4	08-01-2002	ND < 0.5	—	—
—	TB-FFF	0–2	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	10–12	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	2–4	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	5–7	Soil	9	4	4.1	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-FFF	5–7	Soil	9	4	4.1	—	18 Jul 2002	ND < 0.50	—	—	—	—	—
—	TXFP2-1	½ inch	Concrete	9	4	4.1	*EN04*	06 Feb 2002	**8.1**	—	—	—	—	—
—	TXFP2-2	½ inch	Concrete	9	4	4.1	*EN04*	06 Feb 2002	ND < 0.50	—	—	—	—	—
—	4AS-002	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-003	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	**2.7**	3	—	—	—	—
—	4AS-004	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-005	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-006	½ inch	Asphalt	6	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4AS-017	½ inch	Asphalt	6	4	4.3	—	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	4AS-017 **D**	½ inch	Asphalt	6	4	4.3	—	09 Nov 2004	ND < 0.50	5	—	—	—	—
—	4AS-017 **EB**	NA	Water	6	4	4.3	—	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-095	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-096	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-097	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-098	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-099	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-100	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-101	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-102	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-103	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-104	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-105	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-106	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-107	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-107 **D**	½ inch	Concrete	6	4	4.3	*EN06*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	4CO-108	½ inch	Concrete	6	4	4.3	—	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	4HA-506	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-507	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	0.61	4	11-09-2004	ND < 0.5	—	—
—	4HA-508	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	**22**	3, 4	11-09-2004	0.85	—	—
—	4HA-508	1.0–1.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	**170**	3, 4	11-09-2004	0.80	—	—
—	4HA-509	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HA-510	0.0–0.3	Soil	6	4	4.3	*EN06*	22 Oct 2004	ND < 0.50	—	—	—	—	—
—	4HX-014	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-015	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 10	3	—	—	—	—
—	4HX-016	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-017	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-018	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-019	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-020	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-021	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-021 **D**	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	5	—	—	—	—
—	4HX-022	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-023	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 10	3	—	—	—	—
—	CS-6	(Scraping)	Concrete	6	4	4.3	*EN06*	19 Jun 1998	ND < 1.0	6	—	—	—	GEI

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	**EB**-13	NA	Water	6	4	4.3	*EN06*	27 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-15	NA	Hexane	6	4	4.3	*EN06*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	PCB-02	1.5	Soil	6	4	4.3	*EN06*	11 Jun 1998	**2,300**	6, 14	—	—	—	GEI
—	PCB-20	0.7	Soil	6	4	4.3	*EN06*	18 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-21	0.5	Soil	6	4	4.3	*EN06*	18 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	4AS-007	½ inch	Asphalt	9	4	4.3	—	01 Sep 2004	ND < 2.0	3	—	—	—	—
—	4CO-092	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-093	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-094	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	—	—	—	—	—
—	4CO-094 **D**	½ inch	Concrete	9	4	4.3	*EN05*	27 Aug 2004	ND < 0.50	5	—	—	—	—
—	4CO-113	½ inch	Concrete	9	4	4.3	*P13A*	09 Nov 2004	**1.6**	3	—	—	—	—
—	4CO-119	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-120	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	0.51	—	—	—	—	—
—	4CO-121	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-122	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-123	½ inch	Concrete	9	4	4.3	*P13B*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-124	½ inch	Concrete	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-124 **D**	½ inch	Concrete	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	5	—	—	—	—
—	4CO-124 **EB**	NA	Water	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-125	½ inch	Concrete	9	4	4.3	*P15*	23 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-132	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-133	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-134	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-135	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-136	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-137	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-138	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-139	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-139 **D**	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	5	—	—	—	—
—	4CO-139 **EB**	NA	Water	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-140	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-141	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-142	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-143	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-144	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-145	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4CO-146	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	0.91	—	—	—	—	—
—	4CO-147	½ inch	Concrete	9	4	4.3	*P13A*	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	4GP-247	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	2.8	4	01-06-2005	ND < 0.5	—	—
—	4GP-247	0.0–0.3	Asphalt	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-247	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-247	3–4	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-248	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	**32**	3, 4	01-06-2005	ND < 0.5	—	—
—	4GP-248	0.0–0.3	Stone	9	4	4.3	—	16 Dec 2004	ND < 0.50	15	—	—	—	—
—	4GP-248	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-248 **D**	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	**84**	3, 4, 5	01-06-2005	ND < 0.5	—	—
—	4GP-248 **EB**	0.3–1.3	Water	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	0.0–0.3	Asphalt	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-249	3–4	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-250	0.0–0.3	Soil	9	4	4.3	—	16 Dec 2004	0.61	4	01-04-2005	ND < 0.5	—	—
—	4GP-250	0.3–1.3	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-250	1.3–3.0	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4GP-250	3–4	Soil	9	4	4.3	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	4HA-511	0.0–0.3	Soil	9	4	4.3	*EN05*	29 Oct 2004	**130**	3, 4	11-22-2004	1.9	—	—
—	4HA-511	0.3–0.8	Soil	9	4	4.3	*EN05*	29 Oct 2004	**1,100**	3, 4, 14	11-22-2004	**20**	2	—
—	4HX-008	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 10	3	—	—	—	—
—	4HX-009	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	7.9	—	—	—	—	—
—	4HX-010	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 10	3	—	—	—	—
—	4HX-011	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	**120**	3	—	—	—	—
—	4HX-012	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-013	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	4HX-013 **D**	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	5	—	—	—	—
—	4TB-068	0.0–0.3	Soil	9	4	4.3	—	08 Sep 2004	2.6	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-068	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	1.5	4	09-28-2004	ND < 0.5	—	—
—	4TB-068	1.3–1.6	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-068	1.6–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-068	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-068	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 1.3	3	—	—	—	—
—	4TB-069	0.0–0.3	Soil	9	4	4.3	—	08 Sep 2004	5.4	4	09-28-2004	ND < 0.5	—	—
—	4TB-069	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	0.82	4	09-28-2004	ND < 0.5	—	—
—	4TB-069	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-069	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**1.6**	3	—	—	—	—
—	4TB-070	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	2.1	3, 7	NA	NA	1	—
—	4TB-070	0.3–1.3 **D**	Soil	9	4	4.3	—	08 Sep 2004	3.2	3, 5, 7	NA	NA	1	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4TB-070	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-070 **EB**	0.3–1.3	Water	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-071	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**4.1**	3	—	—	—	—
—	4TB-071	0.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	4.3	3, 7	NA	NA	1	—
—	4TB-071	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-071	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**2.1**	3	—	—	—	—
—	4TB-072	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-072	4.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-073	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**1.9**	3	—	—	—	—
—	4TB-073	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	1.3	7	NA	NA	1	—
—	4TB-073	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-073	2.3–4.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 1.0	3	—	—	—	—
—	4TB-074	0.0–0.3	Asphalt	9	4	4.3	—	08 Sep 2004	**1.6**	3	—	—	—	—
—	4TB-074	0.3–1.3	Soil	9	4	4.3	—	08 Sep 2004	1.4	7	NA	NA	1	—
—	4TB-074	1.3–2.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-074	4.3–5.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-074	5.3–6.3	Soil	9	4	4.3	—	08 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-075	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	2.3	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-075	0.3–1.3 **D**	Soil	9	4	4.3	—	09 Sep 2004	2.5	3, 5, 7	NA	NA	1	—
—	4TB-075	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	2.4	7	NA	NA	1	—
—	4TB-075	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	5.7	7	NA	NA	1	—
—	4TB-075	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-075	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-075 **EB**	0.3–1.3	Water	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-076	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	0.95	3	—	—	—	—
—	4TB-076	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	2.3	4	09-28-2004	ND < 0.5	—	—
—	4TB-076	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	**11**	3, 7	NA	NA	1	—
—	4TB-076	4.0–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-076	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-077	1.0–1.3	Soil	9	4	4.3	—	09 Sep 2004	2.4	7	NA	NA	1	—
—	4TB-077	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	**12**	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-077	6.3–8.3	Soil	9	4	4.3	—	09 Sep 2004	2	4	09-28-2004	ND < 0.5	—	—
—	4TB-077	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-078	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	0.91	3	—	—	—	—
—	4TB-078	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	**42**	3, 4	09-28-2004	0.60	—	—
—	4TB-078	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	4.3	4	09-28-2004	ND < 0.5	—	—
—	4TB-078	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-078	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-079	0.3–0.6	Soil	9	4	4.3	—	09 Sep 2004	1.2	3, 7	NA	NA	1	—
—	4TB-079	0.6–2.3	Soil	9	4	4.3	—	09 Sep 2004	5.5	4	09-28-2004	ND < 0.5	—	—
—	4TB-079	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	5	4	09-28-2004	ND < 0.5	—	—
—	4TB-079	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-079	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-080	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	1.3–2.3 **D**	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	5	—	—	—	—
—	4TB-080	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-080 **EB**	1.3–2.3	Water	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-081	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-081	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-082	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	**14**	3, 7	NA	NA	1	—
—	4TB-082	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	0.92	3, 7	NA	NA	1	—
—	4TB-082	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	ND < 0.80	3	—	—	—	—
—	4TB-082	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-082	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	0.0–0.3	Asphalt	9	4	4.3	—	09 Sep 2004	**1.4**	3, 4	09-28-2004	ND < 0.5	—	—
—	4TB-083	0.3–1.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	1.3–2.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	2.3–4.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-083	4.3–6.3	Soil	9	4	4.3	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
—	4TB-146	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	2	4	12-13-2004	ND < 0.5	—	—
—	4TB-146	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	2.9	4	12-13-2004	ND < 0.5	—	—
—	4TB-146	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-146	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-146	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-147	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-9 (PCB Areas 3.2, 3.3, 4.1, 4.3, 6.3)

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	4TB-147	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	2.3–3.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	3.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-147	5.0–5.4	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-148	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	1.4	4	12-13-2004	ND < 0.5	—	—
—	4TB-148	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	0.91	4	12-13-2004	ND < 0.5	—	—
—	4TB-148	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-148	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-148	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-148 **D**	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-148 **EB**	1.3–2.3	Water	9	4	4.3	—	15 Nov 2004	ND < 2.5	3	—	—	—	—
—	4TB-149	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-149	0.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-149	2.3–3.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-149	3.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-149	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-150	0.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	1.1	4	12-13-2004	ND < 0.5	—	—
—	4TB-150	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	ND < 1.0	3	—	—	—	—
—	4TB-150	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-150	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	0.0–0.3	Asphalt	9	4	4.3	—	15 Nov 2004	**2.5**	3	—	—	—	—
—	4TB-151	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-151	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-152	0.0–0.3	Soil	9	4	4.3	—	15 Nov 2004	1.4	4	12-13-2004	ND < 0.5	—	—
—	4TB-152	0.3–1.3	Soil	9	4	4.3	—	15 Nov 2004	1.7	4	12-13-2004	ND < 0.5	—	—
—	4TB-152	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	0.5	4	12-13-2004	ND < 0.5	—	—
—	4TB-152	1.3–2.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-152	4.3–6.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	4TB-152 **D**	2.3–4.3	Soil	9	4	4.3	—	15 Nov 2004	ND < 0.50	5	—	—	—	—
—	4TB-152 **EB**	2.3–4.3	Water	9	4	4.3	—	15 Nov 2004	ND < 0.50	—	—	—	—	—
—	**EB**-12	NA	Water	9	4	4.3	*EN05*	27 Aug 2004	ND < 12	9	—	—	—	—
—	**EB**-14	NA	Hexane	9	4	4.3	*EN05*	30 Aug 2004	ND < 5.0	—	—	—	—	—
—	HA-01	1	Soil	9	4	4.3	*EN05*	30 Mar 2000	**29**	6	—	—	—	GEI
—	MW-14D	26–28	Soil	9	4	4.3	—	11 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	MW-14S	1–3	Soil	9	4	4.3	—	01 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	PCB-01	1	Soil	9	4	4.3	*EN05*	11 Jun 1998	**440**	6, 14	—	—	—	GEI
—	PCB-31	0.0–0.3	Soil	9	4	4.3	*EN05*	07 Jul 1998	**94**	6	—	—	—	GEI
—	PCB-32	0.0–0.3	Soil	9	4	4.3	*EN05*	07 Jul 1998	**53**	6	—	—	—	GEI
—	TB-115	5–7	Soil	9	4	4.3	—	01 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-116	5–7	Soil	9	4	4.3	—	01 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-214	3.0–3.3	Soil	9	4	4.3	—	30 Mar 2000	2	6	—	—	—	GEI
—	TB-215	2.0–2.2	Soil	9	4	4.3	—	30 Mar 2000	4	6	—	—	—	GEI
—	MW-12	2–4	Soil	9	6	6.3	—	01 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	TB-AAA	0–2	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-AAA	10–12	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-AAA	2–4	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-AAA	5–7	Soil	9	6	6.3	—	13 Feb 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-10

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	Who ?
—	4CO-082	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	ND < 0.50	—	—
—	4CO-083	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**3.9**	—	—
—	4CO-084	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**94**	3	—
—	4CO-085	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**17**	3	—
—	4CO-086	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**2.4**	—	—
—	4CO-087	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	0.53	—	—
—	4CO-088	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**1.9**	—	—
—	4CO-089	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**4.4**	—	—
—	4CO-090	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**5.1**	—	—
—	4CO-091	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**3.8**	—	—
—	4CO-091 **D**	½ inch	Concrete	10	4	4.2	*Room 5*	27 Aug 2004	**3.1**	5	—
—	4CO-156	½ inch	Concrete	10	4	4.2	*Room 4*	02 Dec 2004	**33**	3	—
—	4CO-157	½ inch	Concrete	10	4	4.2	*Room 3*	02 Dec 2004	**36,000**	3, 11	—
—	4CO-158	½ inch	Concrete	10	4	4.2	*Room 3*	02 Dec 2004	**2.9**	—	—
—	4CO-159	½ inch	Concrete	10	4	4.2	*Room 2*	02 Dec 2004	**20**	3	—
—	4CO-160	½ inch	Concrete	10	4	4.2	*Room 1*	02 Dec 2004	**3.1**	—	—
—	4CO-161	½ inch	Concrete	10	4	4.2	*Room 1*	02 Dec 2004	**4,900**	3	—
—	4XX-001	NA	Misc. solid	10	4	4.2	*Room 4*	29 Oct 2004	ND < 0.50	—	—
—	**EB**-11	NA	Water	10	4	4.2	*Room 5*	27 Aug 2004	ND < 12	9	—
—	Sump-1	0.0–0.3	Sediment	10	4	4.2	*Sump1*	18 Jul 2002	**4.4**	—	—
—	4CO-152	½ inch	Concrete	10	4	4.4	*Pump house*	02 Dec 2004	1	—	—
—	4CO-153	½ inch	Concrete	10	4	4.4	*Shower*	02 Dec 2004	**1.9**	—	—
—	4CO-154	½ inch	Concrete	10	4	4.4	*Bathroom*	02 Dec 2004	**2.4**	—	—
—	4CO-155	½ inch	Concrete	10	4	4.4	*Storage*	02 Dec 2004	**1.86**	—	—
—	4CO-186	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	0.65	—	—
—	4CO-187	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4CO-187 **D**	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	5	—
—	4CO-187 **EB**	NA	Water	10	4	4.4	*Sword. Room*	16 Dec 2004	ND < 0.50	—	—
—	4CO-188	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	0.51	—	—
—	4CO-189	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4CO-190	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	0.53	—	—
—	4CO-191	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4CO-509	½ inch	Concrete	10	4	4.4	—	16 Dec 2004	ND < 0.50	—	—
—	4XX-005	NA	Misc. solid	10	4	4.4	*Floor tile*	16 Dec 2004	ND < 1.0	3	—
—	4XX-006	NA	Misc. solid	10	4	4.4	*Floor tile*	16 Dec 2004	ND < 1.0	3	—
—	7XX-007	NA	Sludge	10	7	NS	*Pump house*	16 Dec 2004	ND < 20	3	—
—	7XX-008	Surface	Oil	10	7	NS	*Enclosure*	17 Dec 2004	ND < 4.0	—	—
—	7CO-192	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**4.8**	—	—
—	7CO-193	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**4.8**	—	—
—	7CO-194	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**53**	3	—
—	7CO-195	½ inch	Concrete	10	7	NS	*Pump house*	16 Dec 2004	**1.4**	3	—
—	7SD-011	0.0–0.3	Sediment	10	7	NS	*Pump house*	16 Dec 2004	ND	3, 8	—
—	7SD-012	0.0–0.3	Sediment	10	7	NS	*Pump house*	16 Dec 2004	**9.5**	3, 8	—
—	7PP-007	NA	Oil	10	7	NS	55-gal drum	01 Nov 2004	ND < 2.0	—	—

English Station
PCB Analytical Results
AOC-11

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-228	0.0–0.3	Asphalt	11	5	5.7	—	19 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-228	0.3–1.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-228	1.3–2.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-228	4.3–6.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	0.0–0.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	0.6	4	12-22-2004	ND < 0.50	—	—
—	5TB-229	0.3–1.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	1.3–2.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	2.3–4.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-229	4.3–6.3	Soil	11	5	5.7	*Bulkhead*	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	0.0–0.3	Asphalt	11	5	5.7	—	19 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-230	0.3–1.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	1.3–2.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	2.3–3.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	3.3–4.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-230	4.3–6.3	Soil	11	5	5.7	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	6CO-109	½ inch	Concrete	11	5	5.7	*P11*	01 Sep 2004	ND < 0.50	—	—	—	—	—
—	6CO-109 **D**	½ inch	Concrete	11	5	5.7	*P11*	01 Sep 2004	ND < 0.50	5	—	—	—	—
—	MW-20	11–13	Soil	11	6	6.2	—	27 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-200	5–7	Soil	11	6	6.2	—	02 Jul 1998	ND < 1.0	6	—	—	—	GEI
—	TB-MMM	0.3–1.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-MMM	2–4	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	0.3–2.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	2.3–4.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	4.3–6.3	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-OO	0–2	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	0.0–0.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	0.3–1.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	1.3–2.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	15–17	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	2.3–4.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	20–22	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-RRRRR	5–7	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	0.0–0.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	0.3–1.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	1.3–2.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	2.3–4.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-SSSSS	5–7	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	0.0–0.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	0.3–1.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	1.3–2.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	2.3–4.3	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-TTTTT	5–7	Soil	11	6	6.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	0.0–0.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	0.3–1.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	1.3–2.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	2.3–4.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-UUUUU	5–7	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VV	2–4	Soil	11	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-VV	4–6	Soil	11	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-VV	5.0–5.5	Soil	11	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	0.0–0.3	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	0.3–1.8	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	2.0–3.5	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-VVVVV	5.0–6.5	Soil	11	6	6.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	0.0–0.3	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	0.3–2.3	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	10–12	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-GGGGGG	2.3–4.3	Soil	11	6	6.4	—	22 Jul 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	2HA-117	0.0–0.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.75	4	11-10-2004	ND < 0.5	—	—
—	2HA-117	0.5–1.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-117	1.0–1.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-117	1.5–2.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.6	4	11-10-2004	ND < 0.5	—	—
—	2HA-118	0.0–0.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.75	4	11-10-2004	ND < 0.5	—	—
—	2HA-118	0.5–1.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-118	1.0–1.5	Soil	12W	2	2.1	*Track A*	25 Oct 2004	0.64	4	11-10-2004	ND < 0.5	—	—
—	2HA-118	1.5–2.0	Soil	12W	2	2.1	*Track A*	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	2HA-137	0.0–0.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-137	0.25–1.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-138	0.0–0.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-138	0.25–1.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	2HA-138 **D**	0.25–1.25	Soil	12W	2	2.1	*Track A*	08 Nov 2004	ND < 0.50	5	—	—	—	—
A	2HA-139	0.0–0.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	2HA-139	0.25–1.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	2HA-140	0.0–0.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	2HA-140	0.25–1.25	Soil	12W	2	2.1	*Track C*	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	SS-FF	0.0–0.3	Soil	12W	2	2.1	*Track A*	03 Apr 2002	0.8	4	04-17-2002	ND < 0.5	—	—
—	SS-GG	0.0–0.3	Soil	12W	2	2.1	*Track A*	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	SS-GG	1.0–1.5	Soil	12W	2	2.1	*Track A*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-HH	0.0–0.3	Soil	12W	2	2.1	*Track A*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-II	0.0–0.3	Soil	12W	2	2.1	*Track B*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-JJ	0.0–0.3	Soil	12W	2	2.1	*Track E*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-KK	0.0–0.3	Soil	12W	2	2.1	*Track C*	03 Apr 2002	0.83	4	04-17-2002	ND < 0.5	—	—
A	SS-LL	0.0–0.3	Soil	12W	2	2.1	*Track E*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-MM	0.0–0.3	Soil	12W	2	2.1	*Track D*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-NN	0.0–0.3	Soil	12W	2	2.1	*Track C*	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-OO	0.0–0.3	Soil	12W	2	2.1	*Track E*	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-X	0.0–0.6	Soil	12W	2	2.1	*Track B*	14 May 2001	ND < 0.50	—	—	—	—	—
A	SS-Y	0.0–0.6	Soil	12W	2	2.1	*Track C*	14 May 2001	ND < 0.50	—	—	—	—	—
A	SS-Z	0.0–0.6	Soil	12W	2	2.1	*Track D*	14 May 2001	ND < 0.50	—	—	—	—	—
A	2AS-053	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-054	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-055	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-056	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-056 **D**	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	0.34	5	—	—	—	—
A	2AS-056 **EB**	½ inch	Water	12W	2	2.2	—	27 Feb 2007	ND < 0.50	—	—	—	—	—
A	2AS-057	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-058	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	0.41	—	—	—	—	—
A	2AS-059	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2AS-060	½ inch	Asphalt	12W	2	2.2	—	27 Feb 2007	ND < 0.30	—	—	—	—	—
A	2CO-129	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2CO-130	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2CO-131	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2CO-177	½ inch	Concrete	12W	2	2.2	*CB2*	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2CO-504	½ inch	Concrete	12W	2	2.2	*P24*	30 Nov 2004	ND < 0.50	—	—	—	—	—
A	2GP-272	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.2	E	—	—	—	—
A	2GP-272	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	1.3–1.8	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	1.8–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-272	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-272	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-272	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-273	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	E	—	—	—	—
A	2GP-273	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-273	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-273	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-274	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	**3.8**	E	—	—	—	—
A	2GP-274	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-274	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-274	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-274	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.50	—	—	—	—	—
A	2GP-274 **D**	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	5, E	—	—	—	—
A	2GP-274 **D**	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	5	—	—	—	—
A	2GP-274 **EB**	0.0–0.5	Water	12W	2	2.2	—	13 Feb 2007	ND < 0.50	—	—	—	—	—
A	2GP-274 **EB**	NA	Water	12W	2	2.2	—	25 Jan 2007	ND < 0.50	L	—	—	—	—
A	2GP-275	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	**2.6**	E	—	—	—	—
A	2GP-275	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-275	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-275	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—

English Station
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2GP-275	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-275	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-275	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-275	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-276	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	E	—	—	—	—
A	2GP-276	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	1.3–2.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	2.0–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	2.5–3.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-276	3.0–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-276	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-276	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.50	—	—	—	—	—
A	2GP-277	0.0–0.5	Asphalt	12W	2	2.2	—	13 Feb 2007	ND < 1.1	E	—	—	—	—
A	2GP-277	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	1.3–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	2.5–2.8	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	2.8–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-277	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-277	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-277 **D**	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	5	—	—	—	—
A	2GP-277 **EB**	NA	Water	12W	2	2.2	—	25 Jan 2007	ND < 0.50	—	—	—	—	—
A	2GP-278	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	1.3–2.2	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	2.2–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-278	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-278	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-278	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-279	1.3–2.2	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-279	2.2–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	4.0–5.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-279	5.5–7.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-280	1.3–2.2	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-280	2.2–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-280	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-280 **D**	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	5	—	—	—	—
A	2GP-280 **EB**	NA	Water	12W	2	2.2	—	25 Jan 2007	ND < 0.50	L	—	—	—	—
A	2GP-281	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-281	0.3–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-281	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-281	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-281	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-282	0.0–0.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	0.3–1.3	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	1.3–1.6	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	1.6–2.5	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-282	2.5–4.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.30	—	—	—	—	—
A	2GP-282	4.0–6.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2GP-282	6.0–8.0	Soil	12W	2	2.2	—	25 Jan 2007	ND < 0.40	—	—	—	—	—
A	2HA-241	0.0–0.3	Asphalt	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2HA-241	0.3–0.6	Soil	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2HA-242	0.0–0.3	Asphalt	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2HA-242	0.3–0.5	Soil	12W	2	2.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	2TB-206	0.0–0.3	Soil	12W	2	2.2	—	18 Nov 2004	**3**	4	12-23-2004	ND < 0.5	—	—
A	2TB-206	0.3–2.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-206	4.3–6.3	Soil	12W	2	2.2	—	18 Nov 2004	**1.44**	4	12-23-2004	ND < 0.5	—	—
A	2TB-207	0.0–0.3	Asphalt	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-207	0.3–1.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-207	1.3–2.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-207	2.3–4.3	Soil	12W	2	2.2	—	18 Nov 2004	0.55	4	12-23-2004	ND < 0.5	—	—
A	2TB-207	4.3–6.3	Soil	12W	2	2.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	2TB-256	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-256	0.25–0.50	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-256	0.50–1.00	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-256	1.00–2.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-256	2.25–3.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-256	3.25–4.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-256	6.25–8.25	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-257	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-257	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2TB-257	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-257	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-257	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-257 **D**	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	5	—	—	—	—
A	2TB-257 **EB**	2.5–4.5	Water	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	2TB-258	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-258	0.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-258	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-258	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-259	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-259	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-259	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-259	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-259	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-260	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-260	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-260	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	0.3	—	—	—	—	—
A	2TB-260	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-260	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.70	—	—	—	—	—
A	2TB-261	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-261	0.5–1.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-261	1.5–3.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-261	3.5–5.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-262	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	0.49	—	—	—	—	—
A	2TB-262	0.5–1.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-262	1.0–2.5	Soil	12W	2	2.2	—	23 Feb 2006	0.41	—	—	—	—	—
A	2TB-262	2.5–3.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-262	3.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 1.0	15	—	—	—	—
A	2TB-262 **D**	1.0–2.5	Soil	12W	2	2.2	—	23 Feb 2006	0.44	5	—	—	—	—
A	2TB-262 **EB**	1.0–2.5	Water	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	2TB-263	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	0.45	—	—	—	—	—
A	2TB-263	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-263	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-263	2.5–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-263	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	2TB-264	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-264	0.5–1.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-264	1.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-264	2.5–4.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-264	4.0–4.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-264	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.40	—	—	—	—	—
A	2TB-265	0.0–0.25	Asphalt	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-265	0.5–2.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.30	—	—	—	—	—
A	2TB-265	1.5–4.0	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.60	—	—	—	—	—
A	2TB-265	4.5–6.5	Soil	12W	2	2.2	—	23 Feb 2006	ND < 0.50	—	—	—	—	—
A	CB-2	0.0–0.3	Sediment	12W	2	2.2	*CB2*	10 May 2001	**3.8**	—	—	—	—	—
A	CB-3	0.0–0.3	Sediment	12W	2	2.2	*CB3*	10 May 2001	ND < 0.50	—	—	—	—	—
A	MW-07	7–9	Soil	12W	2	2.2	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	MW-22	7–9	Soil	12W	2	2.2	—	09 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	SS-BB	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-BB	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-CC	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-CC	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-D2	0.0–0.5	Soil	12W	2	2.2	*Surge basin*	02 May 2001	ND < 0.50	—	—	—	—	—
A	SS-DD	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-DD	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-EE	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	SS-EE	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-09	3–7	Soil	12W	2	2.2	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-10	11–13	Soil	12W	2	2.2	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-C	2–4	Soil	12W	2	2.2	—	10 May 2001	ND < 0.50	—	—	—	—	—
A	TB-CCCC	0.0–0.3	Asphalt	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	10–12	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	2.5–2.8	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	2.8–3.8	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCC	4.5–6.0	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-D	2–4	Soil	12W	2	2.2	—	11 May 2001	ND < 0.50	—	—	—	—	—
A	TB-DDDD	0.0–0.3	Asphalt	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	1.3–1.6	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	1.6–2.6	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	15–17	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDD	3.3–4.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	1.5–1.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	1.8–2.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	10–12	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEE	3.8–5.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—

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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	TB-F	0–2	Soil	12W	2	2.2	—	11 May 2001	ND < 0.50	—	—	—	—	—
A	TB-GGGG	0.0–0.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGG	1–2	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGG	2.3–4.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	0.0–0.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	1.3–2.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	2.3–4.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHH	5–6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	1.5–1.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	1.8–2.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	3.5–5.0	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJ	5.0–5.5	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	1.0–1.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	1.3–2.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKK	5–6	Soil	12W	2	2.2	—	02 Apr 2002	ND < 0.50	5	—	—	—	—
A	TB-KKKK	5–6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	0.0–0.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	0.3–0.6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	0.6–1.6	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	3.3–4.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-LLLL	4.3–6.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	0.5–0.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	0.8–1.8	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MMMM	4.5–6.5	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	0.0–0.3	Asphalt	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	1.0–1.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	1.3–2.3	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-NNNN	4–5	Soil	12W	2	2.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOOO	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOOO	2.0–2.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOOO	4–5	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	0.3–0.6	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	0.9–1.0	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPPP	2.3–4.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQQQ	0.0–0.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQQQ	0.3–2.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQQQ	2.3–4.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-R	5–7	Soil	12W	2	2.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-RRRR	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-RRRR	1.0–1.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-RRRR	3.3–3.9	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-RRRR	3.9–4.0	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSSS	0.0–0.3	Asphalt	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSSS	2.2–2.5	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSSS	2.5–4.5	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTTT	0.0–0.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTTT	1.0–1.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTTT	2.3–4.3	Soil	12W	2	2.2	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	0.0–0.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	0.3–1.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	10–12	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	15–16	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	2.3–4.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZ	4.3–6.3	Soil	12W	2	2.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	2HA-651	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-652	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-653	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-654	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-655	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-656	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-657	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-658	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-659	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-660	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-661	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2HA-662	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2HA-662	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2HA-663	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-664	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-665	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-666	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-667	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.50	—	—	—	—	—
A	2HA-668	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2HA-669	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-670	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-671	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-672	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-673	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-674	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-675	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-676	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-677	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-678	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-679	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-680	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	2HA-681	1–1.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	2HA-682	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2HA-683	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2HA-683	6–6.25	Soil	12W	2	2.2	*@ Track C*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2BW-601	NA	Water	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.50	**EB**	—	—	—	—
A	2AS-600	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	LD	—	—	—	—
A	2AS-600	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.30	LD	—	—	—	—
A	2AS-601	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-602	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	0.82	—	—	—	—	—
A	2AS-603	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-604	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-605	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-606	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	0.31	—	—	—	—	—
A	2AS-607	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-608	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-609	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-610	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	**1.1**	—	—	—	—	—
A	2AS-611	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	**6.9**	E, S	—	—	—	—
A	2AS-612	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	29 Nov 2007	**3.5**	—	—	—	—	—
A	2AS-613	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-614	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-615	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-616	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-617	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-618	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	0.33	—	—	—	—	—
A	2AS-619	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2AS-620	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
A	2AS-620	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.30	FD, LD	—	—	—	—
A	2AS-621	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-622	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-623	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	—	—	—	—	—
A	2AS-624	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	0.48	—	—	—	—	—
A	2AS-625	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2AS-626	~1 inch	Asphalt	12W	2	2.2	*@ Track C*	29 Nov 2007	ND < 0.40	FD	—	—	—	—
A	2SD-600	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**3.6**	—	—	—	—	—
A	2SD-601	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.80	—	—	—	—	—
A	2SD-602	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 1.0	—	—	—	—	—
A	2SD-603	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**2.6**	FD	—	—	—	—
A	2SD-604	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**1.7**	FD, LD	—	—	—	—
A	2SD-604	0–4 inches	Sediment	12W	2	2.2	*Tunnel*	04 Dec 2007	**1.63**	FD, LD	—	—	—	—
A	2CO-600	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.50	—	—	—	—	—
A	2CO-601	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2CO-602	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2CO-603	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.40	—	—	—	—	—
A	2CO-604	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.40	—	—	—	—	—
A	2CO-605	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.40	—	—	—	—	—
A	2CO-606	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2CO-607	½ inch	Concrete	12W	2	2.2	*Tunnel*	04 Dec 2007	ND < 0.30	—	—	—	—	—
A	2SW-602	Surface	Water	12W	2	2.2	*Frac tank*	07 Dec 2007	***1.39***	—	—	—	—	—
A	2SW-601	Surface	Water	12W	2	2.2	*@ Track C*	04 Dec 2007	ND < 0.50	—	—	—	—	—
A	2BW-602	NA	Water	12W	2	2.2	*@ Track C*	04 Dec 2007	ND < 0.50	**EB**	—	—	—	—
A	2AS-627	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	0.42	LD	—	—	—	—
A	2AS-627	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	0.39	LD	—	—	—	—
A	2AS-628	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-629	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	0.34	—	—	—	—	—
A	2AS-630	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	**1.03**	—	—	—	—	—
A	2AS-631	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	**1.5**	—	—	—	—	—
A	2AS-632	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	11 Dec 2007	**2.7**	—	—	—	—	—
A	2BW-605	NA	Water	12W	2	2.2	*@ Track B*	11 Dec 2007	ND < 0.50	**EB**	—	—	—	—
A	2AS-633	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.63	—	—	—	—	—
A	2AS-634	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.71	—	—	—	—	—
A	2AS-635	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	**1.1**	—	—	—	—	—
A	2AS-636	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.59	—	—	—	—	—
A	2AS-637	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.78	—	—	—	—	—
A	2AS-638	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	2AS-639	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-640	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-641	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.60	—	—	—	—	—
A	2AS-642	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	0.81	—	—	—	—	—
A	2AS-643	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	—	—	—	—	—
A	2AS-644	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	FD	—	—	—	—
A	2AS-645	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	FD, LD	—	—	—	—
A	2AS-645	~1 inch	Asphalt	12W	2	2.2	*@ Track B*	21 Dec 2007	ND < 0.30	FD, LD	—	—	—	—
A	3GP-234	0.0–0.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	0.3–1.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	1.3–3.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	3.3–4.0	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	4–6	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234	6–8	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-234 **D**	0.3–1.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	5	—	—	—	—
A	3GP-234 **EB**	0.3–1.3	Water	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-239	0.0–0.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-239	0.3–1.5	Soil	12W	3	3.2	—	16 Dec 2004	2.4	4	01-06-2005	ND < 0.5	—	—
A	3GP-239	1.5–3.0	Soil	12W	3	3.2	—	16 Dec 2004	1.1	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	0.0–0.3	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-240	0.3–1.3	Soil	12W	3	3.2	—	16 Dec 2004	1.2	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	1.3–3.0	Soil	12W	3	3.2	—	16 Dec 2004	4.6	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	3–5	Soil	12W	3	3.2	—	16 Dec 2004	0.87	4	01-06-2005	ND < 0.5	—	—
A	3GP-240	5–7	Soil	12W	3	3.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	3GP-258	0.0–0.25	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	0.25–1.25	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	1.25–2.25	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	2.25–4.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-258	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-259	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-259	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	2.3–4.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	4.3–6.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-259	6.3–8.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-259 **D**	4.3–6.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-259 **EB**	NA	Water	12W	3	3.2	—	11 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-260	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	0.65	4	02-13-2007	ND < 0.5	—	—
A	3GP-260	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-260	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.60	—	—	—	—	—
A	3GP-261	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-261	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	0.44	4	02-13-2007	ND < 0.5	—	—
A	3GP-262	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-262	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-262	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	5.8	7, E	—	NT	7	—
A	3GP-262	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	1.3	7	—	NT	7	—
A	3GP-262	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	0.6	4	02-13-2007	ND < 0.5	—	—
A	3GP-262	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-263	0.3–1.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263	1.3–2.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-263	2.3–4.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-263	4.0–6.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263	6.0–8.0	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-263 **D**	0.0–0.3	Soil	12W	3	3.2	—	11 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-263 **EB**	NA	Water	12W	3	3.2	—	11 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-264	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	1.3–2.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	2.3–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-264	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-264	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-265	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-265	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	1.1	7	—	NT	7	—
A	3GP-265	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	9.6	7, E, S	—	NT	7	—
A	3GP-265	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-265	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-265	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	0.42	4	02-13-2007	ND < 0.5	—	—
A	3GP-265	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-266	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-266	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-266	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	0.52	4	02-13-2007	ND < 0.5	—	—
A	3GP-266	2.5–4.0	Soil	12W	3	3.2	—	12 Jan 2007	0.75	4	02-13-2007	ND < 0.5	—	—
A	3GP-266	4.3–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-266	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-266 **D**	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-267	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-267	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	3.8	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-267	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	5.6	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-267	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	0.48	7	—	NT	7	—
A	3GP-267	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-267	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-267	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-267 **EB**	NA	Water	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-268	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-268	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-268	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	0.74	4	02-13-2007	ND < 0.5	—	—
A	3GP-268	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-268 **D**	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	5	—	—	—	—
A	3GP-268 **EB**	NA	Water	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-269	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-269	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-269	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-269	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-270	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-270	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	3.2	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-270	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	2.5	4	02-13-2007	ND < 0.5	—	—
A	3GP-270	2.5–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-270	4.0–4.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-270	4.3–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-270	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-271	0.0–0.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-271	0.3–1.3	Soil	12W	3	3.2	—	12 Jan 2007	2.9	4, E	02-13-2007	ND < 0.5	—	—
A	3GP-271	1.3–2.5	Soil	12W	3	3.2	—	12 Jan 2007	2.2	4	02-13-2007	ND < 0.5	—	—
A	3GP-271	2.5–2.8	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-271	2.8–4.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-271	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-271	6.0–8.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-271 **D**	4.0–6.0	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	5	—	—	—	—
A	3GP-271 **EB**	NA	Water	12W	3	3.2	—	12 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-283	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-283	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-283	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-283 **D**	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-283 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-284	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-284	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-284	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-285	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-285	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-285	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-286	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	0.32	7	—	NT	7	—
A	3GP-286	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-286	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-286	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-286	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-286	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-286 **D**	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	0.58	4, 5	02-13-2007	ND < 0.5	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-286 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-287	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-287	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-287	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-288	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-288	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-288	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-288	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-289	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	0.47	7	—	NT	7	—
A	3GP-289	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	5.7	7, E	—	NT	7	—
A	3GP-289	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	4.4	7, E	—	NT	7	—
A	3GP-289	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-289 **D**	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	0.54	5, 7	—	NT	7	—
A	3GP-289 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-290	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-290	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-290	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	1.6	7	—	NT	7	—
A	3GP-290	2.5–3.7	Soil	12W	3	3.2	—	29 Jan 2007	7.2	7, E	—	NT	7	—
A	3GP-290	3.7–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-290	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-290	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-291	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-291	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-291	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	0.87	7	—	NT	7	—
A	3GP-291	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	1.2	7	—	NT	7	—
A	3GP-291	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-291	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-292	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-292	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-292 **D**	2.5–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-292 **EB**	NA	Water	12W	3	3.2	—	29 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-293	0.0–0.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	0.3–1.3	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	1.3–2.5	Soil	12W	3	3.2	—	29 Jan 2007	3.1	7, E	—	NT	7	—
A	3GP-293	2.5–2.8	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	2.8–4.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-293	4.0–6.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-293	6.0–8.0	Soil	12W	3	3.2	—	29 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-294	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-294	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	3.2	7, E	—	NT	7	—
A	3GP-294	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	1.9	7	—	NT	7	—
A	3GP-294	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-294	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-294	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-294	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-295	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	1	7	—	NT	7	—
A	3GP-295	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	0.41	7	—	NT	7	—
A	3GP-295	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	1.6	7	—	NT	7	—
A	3GP-295	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-295	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-295	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-295	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-295 **D**	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-295 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-296	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	1	7	—	NT	7	—
A	3GP-296	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	1.4	7	—	NT	7	—
A	3GP-296	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	0.95	7	—	NT	7	—
A	3GP-296	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	2.3	7	—	NT	7	—
A	3GP-296	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-296	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-296	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-297	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-297	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	4.7	7	—	NT	7	—
A	3GP-297	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	4.2	7	—	NT	7	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-297	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-297	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-297	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-297	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-298	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-298	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-298	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-298 **D**	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-298 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-299	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-299	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	0.3	7	—	NT	7	—
A	3GP-299	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-299	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	0.42	7	—	—	7	—
A	3GP-299	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-299	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-299	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-300	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-300	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-300	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	0.79	7	—	NT	7	—
A	3GP-300	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-300	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	2.6	7, E	—	NT	7	—
A	3GP-301	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	4.8	7, E	—	NT	7	—
A	3GP-301	2.5–3.7	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	3.7–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-301	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-301	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-301 **D**	2.5–3.7	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-301 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-302	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-302	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-302	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	3.4	7	—	NT	7	—
A	3GP-302	2.5–3.7	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-302	3.7–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-302	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-302	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-303	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	7	—	NT	7	—
A	3GP-303	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	0.86	—	—	—	—	—
A	3GP-303	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-303	2.5–2.8	Soil	12W	3	3.2	—	30 Jan 2007	1.4	7	—	NT	7	—
A	3GP-303	2.8–4.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-303	4.0–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-303	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-304	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-304	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-304	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	0.35	7	—	NT	7	—
A	3GP-304	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-304 **D**	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-305	0.0–0.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	0.3–1.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	1.3–2.5	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	2.5–4.0	Soil	12W	3	3.2	—	30 Jan 2007	0.49	4	02-19-2007	ND < 0.5	—	—
A	3GP-305	4.0–4.3	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-305	4.3–6.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-305	6.0–8.0	Soil	12W	3	3.2	—	30 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-305 **EB**	NA	Water	12W	3	3.2	—	30 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-306	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-306	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	3	4, E	02-19-2007	0.16	—	—
A	3GP-306	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	1.1	4	02-19-2007	ND < 0.5	—	—
A	3GP-306	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	0.64	7	—	NT	7	—
A	3GP-306	4.0–4.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-306	4.3–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-306	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-307	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	1.5	4	02-19-2007	0.18	—	—
A	3GP-307	2.5–3.7	Soil	12W	3	3.2	—	31 Jan 2007	1.3	4	02-19-2007	ND < 0.5	—	—
A	3GP-307	3.7–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-307	4.0–5.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3GP-307	5.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-307 **D**	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	5	—	—	—	—
A	3GP-307 **EB**	NA	Water	12W	3	3.2	—	31 Jan 2007	ND < 0.50	L	—	—	—	—
A	3GP-308	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-308	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	0.93	4	02-19-2007	ND < 0.5	—	—
A	3GP-308	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-308	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-308	4.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-308	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	0.66	7	—	NT	7	—
A	3GP-309	4.0–4.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	4.3–5.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-309	5.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-309	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-309 **D**	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	5	—	—	—	—
A	3GP-309 **EB**	NA	Water	12W	3	3.2	—	31 Jan 2007	ND < 0.50	—	—	—	—	—
A	3GP-310	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	2.5–2.8	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	2.8–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-310	4.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-310	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-312	0.0–0.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	0.3–1.3	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	1.3–2.5	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	2.5–4.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.30	—	—	—	—	—
A	3GP-312	4.0–6.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
A	3GP-312	6.0–8.0	Soil	12W	3	3.2	—	31 Jan 2007	ND < 0.40	—	—	—	—	—
—	3HA-100	0.5–1.0	Soil	12W	3	3.2	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-100	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-100 **D**	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	ND < 0.50	5	—	—	—	—
—	3HA-100 **EB**	1.0–1.5	Water	12W	3	3.2	—	25 Oct 2004	ND < 0.50	—	—	—	—	—
—	3HA-101	0.3–0.8	Soil	12W	3	3.2	—	25 Oct 2004	5.2	4	11-10-2004	ND < 0.5	—	—
—	3HA-101	0.8–1.3	Soil	12W	3	3.2	—	25 Oct 2004	6.9	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-101	1.3–1.8	Soil	12W	3	3.2	—	25 Oct 2004	3.1	4	11-10-2004	ND < 0.5	—	—
—	3HA-102	0.5–1.0	Soil	12W	3	3.2	—	25 Oct 2004	5.2	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-102	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	7.2	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-102	1.5–2.0	Soil	12W	3	3.2	—	25 Oct 2004	9.5	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-103	0.5–1.0	Soil	12W	3	3.2	—	25 Oct 2004	6.9	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-103	1.0–1.5	Soil	12W	3	3.2	—	25 Oct 2004	7.7	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-103	1.5–1.8	Soil	12W	3	3.2	—	25 Oct 2004	4.6	3, 4	11-10-2004	ND < 0.5	—	—
—	3HA-130	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-130	0.9–1.15	Soil	12W	3	3.2	—	08 Nov 2004	1	4	12-01-2004	ND < 0.5	—	—
—	3HA-130	1.5–2.15	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-131	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	0.51	4	12-01-2004	ND < 0.5	—	—
—	3HA-131	0.4–0.65	Soil	12W	3	3.2	—	08 Nov 2004	1.8	4	12-01-2004	ND < 0.5	—	—
—	3HA-131	0.65–1.15	Soil	12W	3	3.2	—	08 Nov 2004	0.81	4	12-01-2004	ND < 0.5	—	—
—	3HA-131 **D**	0.4–0.65	Soil	12W	3	3.2	—	08 Nov 2004	1.1	4, 5	12-01-2004	ND < 0.5	—	—
—	3HA-132	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-132	0.4–0.65	Soil	12W	3	3.2	—	08 Nov 2004	4.5	4	12-01-2004	ND < 0.5	—	—
—	3HA-132	0.65–1.65	Soil	12W	3	3.2	—	08 Nov 2004	4.3	4	12-01-2004	ND < 0.5	—	—
—	3HA-135	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	1.39	4	12-01-2004	ND < 0.5	—	—
—	3HA-135	0.25–0.5	Soil	12W	3	3.2	—	08 Nov 2004	1.45	4	12-01-2004	ND < 0.5	—	—
—	3HA-135	0.5–1.25	Soil	12W	3	3.2	—	08 Nov 2004	2.3	4	12-01-2004	ND < 0.5	—	—
—	3HA-136	0.0–0.25	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-136	0.7–0.95	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
—	3HA-136	0.95–1.95	Soil	12W	3	3.2	—	08 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-094	0.0–0.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-094	0.3–1.3	Soil	12W	3	3.2	—	09 Sep 2004	5	4	09-28-2004	ND < 0.5	—	—
A	3TB-094	1.3–2.3	Soil	12W	3	3.2	—	09 Sep 2004	5.7	4	09-28-2004	ND < 0.5	—	—
A	3TB-094	2.3–2.6	Soil	12W	3	3.2	—	09 Sep 2004	4.8	4	09-28-2004	ND < 0.5	—	—
A	3TB-094	2.6–4.3	Soil	12W	3	3.2	—	09 Sep 2004	**14**	3, 4	09-28-2004	ND < 0.5	—	—
A	3TB-094	3–4	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	—	—	—	—	—
A	3TB-094	4–5	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.40	—	—	—	—	—
A	3TB-094	6.0–6.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-094 **D**	2.3–2.6	Soil	12W	3	3.2	—	09 Sep 2004	2.1	4, 5	09-28-2004	ND < 0.5	—	—
A	3TB-094 **EB**	2.3–2.6	Water	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-095	0.0–0.3	Soil	12W	3	3.2	—	09 Sep 2004	0.52	4	09-28-2004	ND < 0.5	—	—
A	3TB-095	0.3–2.3	Soil	12W	3	3.2	—	09 Sep 2004	4.2	3, 7	—	NT	1	—
A	3TB-095	2.3–3.3	Soil	12W	3	3.2	—	09 Sep 2004	4.6	3, 7	—	NT	1	—
A	3TB-095	3.3–4.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-095	4.3–6.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	3TB-096	0.0–0.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-096	0.3–2.0	Soil	12W	3	3.2	—	09 Sep 2004	1.3	3, 7	NA	NA	1	—
A	3TB-096	2.0–2.3	Soil	12W	3	3.2	—	09 Sep 2004	3.3	3, 7	NA	NA	1	—
A	3TB-096	2.3–3.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 1.0	3	—	—	—	—
A	3TB-096	3.3–4.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
A	3TB-096	4.3–5.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 1.0	3	—	—	—	—
A	3TB-096	5.3–6.3	Soil	12W	3	3.2	—	09 Sep 2004	ND < 0.50	—	—	—	—	—
B	3TB-097	0.0–0.3	Soil	12W	3	3.2	—	10 Sep 2004	0.51	4	09-29-2004	ND < 0.5	—	—
B	3TB-097	0.3–0.6	Soil	12W	3	3.2	—	10 Sep 2004	5.9	7	—	NT	1	—
B	3TB-097	4.3–6.3	Soil	12W	3	3.2	—	10 Sep 2004	ND < 0.50	—	—	—	—	—
B	3TB-097	0.6–1.6	Soil	12W	3	3.2	—	10 Sep 2004	**22**	3, 7	—	NT	1	—
B	3TB-097	2.3–4.3	Soil	12W	3	3.2	—	10 Sep 2004	**41**	3, 7	—	NT	1	—
B	3TB-097	0.0–2.0	Soil	12W	3	3.2	—	25 Jan 2007	1.54	4	02-13-2007	ND < 0.5	—	—
B	3TB-097	2.0–4.0	Soil	12W	3	3.2	—	25 Jan 2007	**290**	4, E, S	02-13-2007	2.3	E	—
—	3TB-098	0.0–0.3	Soil	12W	3	3.2	—	10 Sep 2004	1.4	4	09-29-2004	ND < 0.5	—	—
—	3TB-098	0.3–1.3	Soil	12W	3	3.2	—	10 Sep 2004	ND < 0.50	—	—	—	—	—
—	3TB-098	1.3–1.6	Soil	12W	3	3.2	—	10 Sep 2004	1.9	7	NA	NA	1	—
—	3TB-098	1.3–1.6 **D**	Soil	12W	3	3.2	—	10 Sep 2004	1.6	5, 7	NA	NA	1	—
—	3TB-098	2.3–4.3	Soil	12W	3	3.2	—	10 Sep 2004	1	4	09-29-2004	ND < 0.5	—	—
—	3TB-098 **EB**	1.3–1.6	Water	12W	3	3.2	—	10 Sep 2004	ND < 0.50	—	—	—	—	—
—	3TB-194	0.0–0.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3TB-194	0.3–2.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3TB-194	2.3–4.3	Soil	12W	3	3.2	—	17 Nov 2004	0.9	4	12-15-2004	ND < 0.5	—	—
—	3TB-194	4.3–6.3	Soil	12W	3	3.2	—	17 Nov 2004	3.5	4	12-15-2004	ND < 0.5	—	—
—	3TB-195	0.0–0.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	3TB-195	0.3–1.3	Soil	12W	3	3.2	—	17 Nov 2004	4.8	4	12-15-2004	ND < 0.5	—	—
—	3TB-195	1.3–2.3	Soil	12W	3	3.2	—	17 Nov 2004	3.5	4	12-15-2004	ND < 0.5	—	—
—	3TB-195	2.3–4.3	Soil	12W	3	3.2	—	17 Nov 2004	**42**	3, 4	12-15-2004	ND < 0.5	—	—
—	3TB-195	4.3–6.3	Soil	12W	3	3.2	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-196	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-196	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	1.57	4	12-20-2004	ND < 0.5	—	—
A	3TB-196	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	3.2	4	12-20-2004	ND < 0.5	—	—
A	3TB-196	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-196	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-197	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-197	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	2.31	4	12-20-2004	ND < 0.5	—	—
A	3TB-197	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	1.6	4	12-20-2004	ND < 0.5	—	—
A	3TB-197	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 1.0	3	—	—	—	—
A	3TB-197	4.3–5.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 1.0	3	—	—	—	—
A	3TB-197	5.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-197 **D**	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 1.0	3, 5	—	—	—	—
A	3TB-197 **EB**	2.3–4.3	Water	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-198	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-198	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	7.4	4	12-20-2004	ND < 0.5	—	—
A	3TB-198	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-198	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	1.2	3, 4	12-20-2004	ND < 0.5	—	—
A	3TB-198	4.3–5.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-198	5.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-199	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	0.74	15	—	—	—	—
A	3TB-199	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	3.5	4	12-20-2004	ND < 0.5	—	—
A	3TB-199	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	0.58	4	12-20-2004	ND < 0.5	—	—
A	3TB-199	2.3–3.3	Soil	12W	3	3.2	—	18 Nov 2004	0.54	4	12-20-2004	ND < 0.5	—	—
A	3TB-199	4.0–5.0	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-199	5.0–6.0	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-200	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-200	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	2.81	4	12-20-2004	ND < 0.5	—	—
A	3TB-200	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	5.3	4	12-20-2004	ND < 0.5	—	—
A	3TB-200	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-200	4.3–5.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-200	5.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	1.2	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	0.0–0.3	Stone	12W	3	3.2	—	18 Nov 2004	ND < 0.50	15	—	—	—	—
A	3TB-201	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	4.4	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	8.1	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	2.3–3.3	Soil	12W	3	3.2	—	18 Nov 2004	6.8	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	3.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	0.53	4	12-20-2004	ND < 0.5	—	—
A	3TB-201	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-201 **D**	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	5.6	4, 5	12-20-2004	ND < 0.5	—	—
A	3TB-201 **EB**	0.3–1.3	Water	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	0.0–0.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	0.53	4	12-20-2004	ND < 0.5	—	—
A	3TB-202	2.3–4.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-202	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	0.95	4	12-20-2004	ND < 0.5	—	—
A	3TB-205	0.0–0.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-205	0.3–1.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-205	1.3–2.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—
A	3TB-205	4.3–6.3	Soil	12W	3	3.2	—	18 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
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A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	GP-07	8	Soil	12W	3	3.2	—	12 Dec 1997	ND	16	—	—	—	UI
—	GP-21	0–1	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	1–2	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	2–3	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	3–4	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	4–5	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	5–6	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	6–7	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	7–8	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	8–9	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	9–10	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	10–11	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-21	11–12	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	0–1	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	1–2	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	2–3	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	3–4	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-22	4–5	Soil	12W	3	3.2	—	22 Jan 1998	1.5	16	—	—	—	UI
—	GP-22	5–6	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-22	6–7	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-23	0–1	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-23	5–6	Soil	12W	3	3.2	—	22 Jan 1998	9.3	16	—	—	—	UI
—	GP-23	6	Soil	12W	3	3.2	—	22 Jan 1998	3.2	16	—	—	—	UI
—	GP-23	7	Soil	12W	3	3.2	—	22 Jan 1998	8.4	16	—	—	—	UI
—	GP-23	8	Soil	12W	3	3.2	—	22 Jan 1998	6.7	16	—	—	—	UI
—	GP-23	9	Soil	12W	3	3.2	—	22 Jan 1998	3.9	16	—	—	—	UI
—	GP-24	1	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	2	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	3	Soil	12W	3	3.2	—	22 Jan 1998	2	16	—	—	—	UI
—	GP-24	4	Soil	12W	3	3.2	—	22 Jan 1998	2.3	16	—	—	—	UI
—	GP-24	5	Soil	12W	3	3.2	—	22 Jan 1998	1.8	16	—	—	—	UI
—	GP-24	6	Soil	12W	3	3.2	—	22 Jan 1998	1	16	—	—	—	UI
—	GP-24	7	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	8	Soil	12W	3	3.2	—	22 Jan 1998	7.9	16	—	—	—	UI
—	GP-24	9	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	10	Soil	12W	3	3.2	—	22 Jan 1998	7.5	16	—	—	—	UI
—	GP-24	11	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	12	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	13	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	14	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	GP-24	15	Soil	12W	3	3.2	—	22 Jan 1998	< 1.0	16	—	—	—	UI
—	GP-24	16	Soil	12W	3	3.2	—	22 Jan 1998	ND	16	—	—	—	UI
—	TB-YYY	0.3–1.3	Soil	12W	3	3.2	—	08 May 2002	NA	4	05-13-2002	ND < 0.5	—	—
A	3GP-266	4.0–4.3	Soil	12W	3	3.2	—	12 Jan 2007	ND < 0.30	I	—	—	—	—
A	GP-40	0–2	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-40	2–4	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-40	4–6	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	GP-40	6–8	Soil	12W	3	3.2	—	23 Apr 1999	ND	16	—	—	—	UI
A	MW-06	5–9	Soil	12W	3	3.2	—	09 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	MW-52	4–6	Soil	12W	3	3.2	—	12 Oct 1999	ND	16	—	—	—	UI
—	SS-AA	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	4	04-17-2002	ND < 0.5	—	—
—	SS-AA	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	0.83	4	—	—	—	—
A	SS-D1	0.0–1.0	Soil	12W	3	3.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
A	TB-AAAA	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	15–17	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	2.5–3.0	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAA	4–6	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	10–12	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	15–17	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	2.3–4.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBB	4.3–6.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-IIII	0.0–0.3	Soil	12W	3	3.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-IIII	0.3–1.3	Soil	12W	3	3.2	—	04 Apr 2002	1.9	4	04-17-2002	ND < 0.5	—	—
A	TB-IIII	4.3–6.3	Soil	12W	3	3.2	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	0.0–0.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	0.3–1.3	Soil	12W	3	3.2	—	03 Apr 2002	9.4	7	—	—	—	—
—	TB-YYY	11–12	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	15–17	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	2.3–3.3	Soil	12W	3	3.2	—	03 Apr 2002	3.1	4	04-17-2002	ND < 0.5	—	—
—	TB-YYY	3.3–4.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-YYY	5.3–6.3	Soil	12W	3	3.2	—	03 Apr 2002	ND < 0.50	—	—	—	—	—
B	3HA-600	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.7	—	08-Jan-08	ND < 0.5	—	—
B	3HA-601	3–3.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-602	3–3.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
B	3HA-603	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	3.4	E, S	08-Jan-08	ND < 0.5	—	—
B	3HA-604	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-605	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	5.8	E, S	—	—	—	—
B	3HA-606	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.3	—	—	—	—	—
B	3HA-607	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.6	—	—	—	—	—
B	3HA-608	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	4.6	S	08-Jan-08	ND < 0.5	—	—
B	3HA-609	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	1.3	S	08-Jan-08	ND < 0.5	—	—
B	3HA-610	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-611	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	2.1	—	—	—	—	—
B	3HA-612	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-613	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	2.3	—	—	—	—	—
B	3HA-614	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	5.5	E	08-Jan-08	ND < 0.5	—	—
B	3HA-615	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.47	—	08-Jan-08	ND < 0.5	—	—
B	3HA-616	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-617	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-618	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
B	3HA-619	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	FD	—	—	—	—
B	3HA-620	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	FD, LD	—	—	—	—
B	3HA-620	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.49	FD, LD	—	—	—	—
A	3HA-621	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	4.4	E	08-Jan-08	ND < 0.5	—	—
B	3HA-622	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.63	—	08-Jan-08	ND < 0.5	—	—
A	3HA-623	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-624	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-625	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.83	—	—	—	—	—
A	3HA-626	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.48	—	—	—	—	—
A	3HA-627	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	6.2	E	08-Jan-08	ND < 0.5	LD	—
A	3HA-627	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	6.2	E	09-Jan-08	ND < 0.5	LD	—
A	3HA-629	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-630	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-631	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-632	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-635	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-637	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.40	—	—	—	—	—
A	3HA-638	6–6.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	ND < 0.30	—	—	—	—	—
A	3HA-642	1–1.25	Soil	12W	3	3.2	*@ Track A*	28 Nov 2007	0.31	—	09-Jan-08	ND < 0.5	—	—
A	6AS-001	½ inch	Asphalt	12N	6	6.1	*EN01*	26 Aug 2004	ND < 0.50	—	—	—	—	—
A	6AS-001 **D**	½ inch	Asphalt	12N	6	6.1	*EN01*	26 Aug 2004	ND < 0.50	5	—	—	—	—
A	6CO-065	½ inch	Concrete	12N	6	6.1	*EN01*	26 Aug 2004	ND < 0.50	—	—	—	—	—
A	6CO-176	½ inch	Concrete	12N	6	6.1	*CB1*	16 Dec 2004	ND < 0.50	—	—	—	—	—
A	6HX-007	NA	Hexane	12N	6	6.1	*EN01*	26 Aug 2004	ND < 10	10	—	—	—	—
A	6HX-007 **D**	NA	Hexane	12N	6	6.1	*EN01*	26 Aug 2004	ND < 10	5, 10	—	—	—	—
A	CB-1	0.0–0.8	Sediment	12N	6	6.1	*CB1*	10 May 2001	ND < 0.50	—	—	—	—	—
A	**EB**-06	NA	Water	12N	6	6.1	*EN01*	26 Aug 2004	ND < 12	9	—	—	—	—
A	Field Blank 2	NA	Hexane	12N	6	6.1	*EN01*	26 Aug 2004	ND < 5.0	—	—	—	—	—
A	MW-03	15–17	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-05	4–6	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-06	1–7	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-07	5	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-07A	7–9	Soil	12N	6	6.1	—	04 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	TB-AAAAA	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-AAAAA	0.5–2.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	0.5–2.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	2.5–4.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-BBBBB	4.5–5.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCCC	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCCC	2–4	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-CCCCC	4–5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDDD	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-DDDDD	0.5–0.8	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEEE	0.0–0.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEEE	0.3–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-EEEEE	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	0.0–0.3	Asphalt	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	0.5–0.8	Soil	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	2.5–3.5	Soil	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFF	3.5–4.5	Soil	12N	6	6.1	—	04 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFFF	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-FFFFF	0.5–0.8	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGGG	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-GGGGG	0.5–1.2	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHHH	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHHH	0.5–2.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-HHHHH	2.5–4.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-I	2–4	Soil	12N	6	6.1	—	14 May 2001	ND < 0.50	—	—	—	—	—
A	TB-IIIII	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-J	2–4	Soil	12N	6	6.1	—	14 May 2001	ND < 0.50	—	—	—	—	—
A	TB-JJJJJ	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJJ	0.3–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-JJJJJ	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	TB-KKKKK	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKKK	1–2	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-KKKKK	4–5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-L	2–4	Soil	12N	6	6.1	—	14 May 2001	ND < 0.50	—	—	—	—	—
A	TB-UUUU	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUUU	1.2–1.5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUUU	5–7	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWWW	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-XXXX	0.0–0.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-XXXX	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-XXXX	4.3–6.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	0.0–0.3	Asphalt	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	2.0–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	2.5–3.0	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	3–5	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-YYYY	5–7	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZZ	0.0–0.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZZ	0.3–2.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-ZZZZ	2.3–4.3	Soil	12N	6	6.1	—	05 Apr 2002	ND < 0.50	—	—	—	—	—
A	6PP-010	NA	Oil	12N	6	6.1	*EN01*	20 Jun 2007	45	S	—	—	—	—
—	6AS-011	½ inch	Asphalt	12E	6	6.2	*P23*	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	6AS-012	½ inch	Asphalt	12E	6	6.2	*P23*	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	6AS-013	½ inch	Asphalt	12E	6	6.2	*P23*	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	CB-4	0.0–0.5	Sediment	12E	6	6.2	*CB4*	25 Jul 2001	ND < 0.50	—	—	—	—	—
A	MW-04D	36–40	Soil	12E	6	6.2	—	10 Jun 1998	ND < 1.0	6	—	—	—	GEI
A	MW-05	2–4	Soil	12E	6	6.2	—	26 May 1998	ND < 1.0	6	—	—	—	GEI
A	MW-09A	0–2	Soil	12E	6	6.2	—	26 May 1998	ND < 1.0	6	—	—	—	GEI
—	MW-10	9–11	Soil	12E	6	6.2	—	09 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	SED-1	1	Sediment	12E	6	6.2	*CB4*	12 Jun 1998	ND < 1.0	6	—	—	—	GEI
—	6HA-255	NS	Soil	12E	6	6.2	—	17 Dec 2004	ND < 0.50	—	—	—	—	—
—	SS-L	0.2–0.8	Soil	12E	6	6.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
—	SS-M	0.0–0.2	Asphalt	12E	6	6.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
—	SS-M	0.2–0.8	Soil	12E	6	6.2	—	02 May 2001	ND < 0.50	—	—	—	—	—
—	TB-HHH	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-HHH	1.3–2.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-HHH	2.3–4.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-HHH	4.3–6.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-II	5–7	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-III	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	10–12	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	1–3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	3.5–4.5	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-III	5–7	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJ	2–4	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-JJ	2–4	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJJ	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJJ	1–3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-JJJ	5–7	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KK	0–2	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-KK	2–4	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	0.0–0.3	Asphalt	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	1–3	Soil	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	3–5	Soil	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-KKK	5–7	Soil	12E	6	6.2	*Ash bunker*	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-LLL	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-LLL	1–3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-LLL	5–7	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-MM	2–4	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-MMM	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-NNN	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	0.3–1.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	3.0–3.5	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-OOO	4–6	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	0.3–2.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	2.5–3.0	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	3.5–4.0	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-PPP	4.3–6.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-QQ	0–2	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
A	TB-QQ	10–12	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	0.0–0.3	Asphalt	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	0.3–2.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	2.3–4.3	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQ	4.3–5.0	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RR	2–4	Soil	12E	6	6.2	—	01 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	0.6–2.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-RRR	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	2.6–4.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-SSS	6.6–8.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-12

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
A	TB-TTT	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTT	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTT	0.6–2.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-TTT	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-U	1–3	Soil	12E	6	6.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
—	TB-UU	2–4	Soil	12E	6	6.2	—	08 Feb 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	15–17	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-UUU	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	0.3–0.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	2.0–2.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	2.6–4.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-VVV	4.6–6.6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-W	2–4	Soil	12E	6	6.2	—	15 May 2001	ND < 0.50	—	—	—	—	—
A	TB-WWW	0.0–0.3	Asphalt	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	0.3–2.0	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	20–22	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	2–4	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
A	TB-WWW	4–6	Soil	12E	6	6.2	—	02 Apr 2002	ND < 0.50	—	—	—	—	—
—	TB-Z	2–4	Soil	12E	6	6.2	—	15 May 2001	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-13

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5CO-001	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**87**	—	—	—	—	—
—	5CO-002	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**15**	—	—	—	—	—
—	5CO-003	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**520**	—	—	—	—	—
—	5CO-004	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**22**	—	—	—	—	—
—	5CO-005	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**750**	—	—	—	—	—
—	5CO-006	½ inch	Concrete	13	5	5.1	*P01A*	03 Aug 2004	**650**	—	—	—	—	—
—	5CO-007	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**5.2**	—	—	—	—	—
—	5CO-008	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**15**	—	—	—	—	—
—	5CO-009	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**25.6**	—	—	—	—	—
—	5CO-009 **dup**	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**25**	5	—	—	—	—
—	5CO-010	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**4.4**	—	—	—	—	—
—	5CO-011	½ inch	Concrete	13	5	5.1	*P01C*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-012	½ inch	Concrete	13	5	5.1	*P01C*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-501	½ inch	Concrete	13	5	5.1	*P01B*	03 Aug 2004	**8.7**	—	—	—	—	—
—	5TB-001	0.0–0.5	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-001	0.5–2.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-001	2.5–4.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	0.0–0.5	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	0.5–2.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	2.5–3.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-002	3.5–5.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	0.0–0.5	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	0.5–1.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	1.5–2.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-003	4.5–6.5	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-004	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**1.4**	7	—	—	—	—
—	5TB-004	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-004	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-004	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND	8	—	—	—	—
—	5TB-005	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	ND < 2.0	3	—	—	—	—
—	5TB-005	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	3	4	09-17-2004	ND < 0.50	—	—
—	5TB-005	0.3–1.3 **D**	Soil	13	5	5.1	—	02 Sep 2004	2.1	4, 5	09-17-2004	ND < 0.50	—	—
—	5TB-005	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-005	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-005 **EB**	0.3–1.3	Water	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-006	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**3.9**	7	—	—	—	—
—	5TB-006	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-006	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-006	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-007	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**6.6**	7	—	—	—	—
—	5TB-007	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-007	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-007	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-008	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**2.6**	7	—	—	—	—
—	5TB-008	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-008	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-008	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-009	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**4.1**	7	—	—	—	—
—	5TB-009	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-009	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-009	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-010	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**28**	3	—	—	—	—
—	5TB-010	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-010	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-010	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-011	0.0–0.3	Asphalt	13	5	5.1	—	02 Sep 2004	**7.6**	7	—	—	—	—
—	5TB-011	0.3–1.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-011	1.3–3.3	Soil	13	5	5.1	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-011	3.3–5.3	Soil	13	5	5.1	—	02 Sep 2004	1.5	4	09-17-2004	ND < 0.50	—	—
—	5TB-175	0.0–0.3	Asphalt	13	5	5.1	—	16 Nov 2004	0.74	—	—	—	—	—
—	5TB-175	0.3–1.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-175	1.3–2.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-175	2.3–4.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-175	4.3–6.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-175 **D**	1.3–2.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-175 **EB**	1.3–2.3	Water	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	0.0–0.3	Asphalt	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	0.3–1.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	1.3–2.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	2.3–4.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-176	4.3–6.3	Soil	13	5	5.1	—	16 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	4.3–5.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-177	5.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—

English Station
PCB Analytical Results
AOC-13

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5TB-178	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-178	4.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-179	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-179	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179	4.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-179 **D**	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-179 **EB**	0.3–1.3	Water	13	5	5.1	—	17 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-180	0.0–0.3	Asphalt	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	0.3–1.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	1.3–2.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	2.3–4.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	5TB-180	4.3–6.3	Soil	13	5	5.1	—	17 Nov 2004	ND < 1.0	3	—	—	—	—
—	**EB**-01	NA	Water	13	5	5.1	*P01A*	03 Aug 2004	ND < 10	9	—	—	—	—
—	TB-QQQQQ	0.0–0.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	0.3–1.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	1.3–2.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	10–12	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	2.3–4.3	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-QQQQQ	5–7	Soil	13	5	5.1	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-WWWWW	0.0–0.3	Soil	13	5	5.1	—	22 Jul 2002	1.0	4	08-01-2002	ND < 0.50	—	—
—	TB-WWWWW	0.3–2.3	Soil	13	5	5.1	—	22 Jul 2002	**53**	4	08-01-2002	ND < 0.50	—	—
—	TB-WWWWW	2.3–4.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-WWWWW	5–7	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	0.0–0.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	0.3–2.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	10–12	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	2.3–4.3	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-XXXXX	5–7	Soil	13	5	5.1	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	5AS-014	½ inch	Asphalt	13	5	5.2	*P04*	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	5AS-015	½ inch	Asphalt	13	5	5.2	*P04*	09 Nov 2004	ND < 1.0	3	—	—	—	—
—	5AS-016	3.0"–3.5"	Concrete	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-016	½ inch	Asphalt	13	5	5.2	*P04*	09 Nov 2004	**1.4**	3	—	—	—	—
—	5AS-023	½ inch	Asphalt	13	5	5.2	—	30 Nov 2004	0.53	—	—	—	—	—
—	5AS-024	½ inch	Asphalt	13	5	5.2	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5AS-025	½ inch	Asphalt	13	5	5.2	—	30 Nov 2004	ND < 0.50	—	—	—	—	—
—	5AS-026	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.57	—	—	—	—	—
—	5AS-027	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.9	—	—	—	—	—
—	5AS-027 **D**	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.6	5	—	—	—	—
—	5AS-027 **EB**	NA	Water	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-028	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.83	—	—	—	—	—
—	5AS-029	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	**1.9**	—	—	—	—	—
—	5AS-030	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	**4.1**	—	—	—	—	—
—	5AS-031	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	1	—	—	—	—	—
—	5AS-032	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.98	—	—	—	—	—
—	5AS-033	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.86	—	—	—	—	—
—	5AS-034	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.99	—	—	—	—	—
—	5AS-035	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	**1.1**	—	—	—	—	—
—	5AS-036	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-037	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.97	—	—	—	—	—
—	5AS-038	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	0.64	—	—	—	—	—
—	5AS-039	½ inch	Asphalt	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5AS-039	3.0"–3.5"	Concrete	13	5	5.2	*P04*	02 Dec 2004	ND < 0.50	—	—	—	—	—
—	5CO-013	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-014	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-015	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-016	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-017	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-018	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	—	—	—	—	—
—	5CO-018 **dup**	½ inch	Concrete	13	5	5.2	*P02*	03 Aug 2004	ND < 0.50	5	—	—	—	—
—	5GP-026	0.3–1.3	Soil	13	5	5.2	—	16 Dec 2004	2.7	4	01-11-2005	ND < 0.50	—	—
—	5GP-026	1.3–2.3	Soil	13	5	5.2	—	16 Dec 2004	1.3	4	01-11-2005	ND < 0.50	—	—
—	5GP-026	2.3–4.0	Soil	13	5	5.2	—	16 Dec 2004	2.1	4	01-11-2005	ND < 0.50	—	—
—	5GP-026	0.0–0.3	Asphalt	13	5	5.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-038	0.3–1.3	Soil	13	5	5.2	—	16 Dec 2004	6.7	4	01-11-2005	ND < 0.50	—	—
—	5GP-038	1.3–2.3	Soil	13	5	5.2	—	16 Dec 2004	6.9	4	01-11-2005	ND < 0.50	—	—
—	5GP-038	2.3–4.0	Soil	13	5	5.2	—	16 Dec 2004	3	4	01-11-2005	ND < 0.50	—	—
—	5GP-038	0.0–0.3	Asphalt	13	5	5.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5GP-038 **D**	0.3–1.3	Soil	13	5	5.2	—	16 Dec 2004	6.6	4, 5	01-11-2005	ND < 0.50	—	—
—	5GP-038 **EB**	0.3–1.3	Water	13	5	5.2	—	16 Dec 2004	ND < 0.50	—	—	—	—	—
—	5HA-141	0.0–0.25	Soil	13	5	5.2	—	09 Nov 2004	**13.6**	3, 4	12-10-2004	ND < 0.50	—	—
—	5HA-141	0.25–1.25	Soil	13	5	5.2	—	09 Nov 2004	6.9	4	12-10-2004	ND < 0.50	—	—
—	5HA-142	0.0–0.25	Soil	13	5	5.2	—	09 Nov 2004	0.68	4	12-10-2004	ND < 0.50	—	—

English Station
PCB Analytical Results
AOC-13

A or B	Sample Point	Depth (feet)	Sample Matrix	AOC	PCB Area	PCB Subarea	*Site Feature*	Sampling Date	Mass Analysis Result	Mass Analysis Notes	SPLP Analysis Date	SPLP Result µg/L	SPLP Notes	Who ?
—	5HA-142	0.25–1.0	Soil	13	5	5.2	—	09 Nov 2004	**14**	3, 4	12-10-2004	2.5	—	—
—	5HA-143	0.0–0.25	Soil	13	5	5.2	—	09 Nov 2004	ND < 0.50	—	—	—	—	—
—	Septic-East	0.0–0.3	Sludge	13	5	5.2	*Septic East*	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	5SD-007	0.0–0.3	Sediment	13	5	5.2	*Sump4*	04 Nov 2004	**1.8**	3, 4	11-24-2004	ND < 0.50	—	—
—	5TB-012	0.0–0.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-012	0.3–1.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-012	1.3–3.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-012	3.3–5.3	Soil	13	5	5.2	—	02 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	0.0–0.3	Asphalt	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	0.3–1.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	1.3–3.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013	1.3–3.3 **D**	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3, 5	—	—	—	—
—	5TB-013	3.3–5.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 1.0	3	—	—	—	—
—	5TB-013 **EB**	1.3–3.3	Water	13	5	5.2	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-014	0.0–0.3	Asphalt	13	5	5.2	—	03 Sep 2004	**2**	3	—	—	—	—
—	5TB-014	0.3–1.3	Soil	13	5	5.2	—	03 Sep 2004	**13**	3, 7	NA	NA	1	—
—	5TB-014	1.3–3.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-014	3.3–5.3	Soil	13	5	5.2	—	03 Sep 2004	ND < 0.50	—	—	—	—	—
—	5TB-220	0.0–0.3	Asphalt	13	5	5.2	—	19 Nov 2004	**1.5**	—	—	—	—	—
—	5TB-220	0.3–1.3	Soil	13	5	5.2	—	19 Nov 2004	5.5	4	12-24-2004	ND < 0.50	—	—
—	5TB-220	1.3–2.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-220	2.3–4.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-220	4.3–6.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-220 **D**	0.3–1.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	5	—	—	—	—
—	5TB-220 **EB**	0.3–1.3	Water	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-225	0.0–0.3	Asphalt	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-225	0.3–0.8	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	5TB-225	0.8–1.3	Soil	13	5	5.2	—	19 Nov 2004	ND < 0.50	—	—	—	—	—
—	**EB**-02	NA	Water	13	5	5.2	*P02*	03 Aug 2004	ND < 10	9	—	—	—	—
—	MW-18	14–16	Soil	13	5	5.2	—	29 May 1998	ND < 1.0	6	—	—	—	GEI
—	SED-2	0.5	Sediment	13	5	5.2	*Sump2*	12 Jun 1998	1	6	—	—	—	GEI
—	TB-18	12–14	Soil	13	5	5.2	—	28 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-18A	16–18	Soil	13	5	5.2	—	28 May 1998	ND < 1.0	6	—	—	—	GEI
—	TB-PPPPP	0.0–0.3	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	0.3–1.3	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	10–12	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	15–17	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	2.3–4.3	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	20–22	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	25–27	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-PPPPP	5–7	Soil	13	5	5.2	—	19 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-YYYYY	0.0–0.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-YYYYY	0.3–2.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-YYYYY	4–6	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	0.0–0.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	0.3–2.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	10–12	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	2.3–4.3	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—
—	TB-ZZZZZ	5–7	Soil	13	5	5.2	—	22 Jul 2002	ND < 0.50	—	—	—	—	—

APPENDIX C

SITE PHOTOGRAPHS

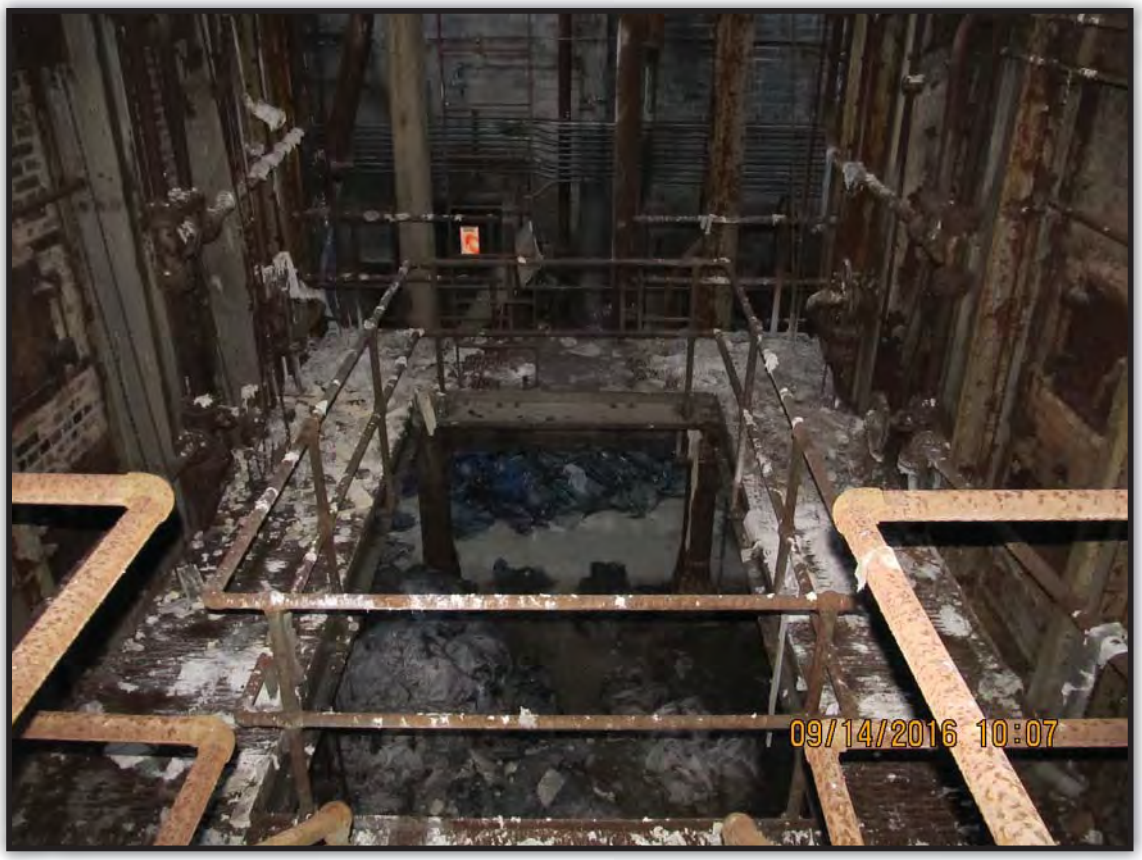

PHOTO 1. English Station - low pressure boiler area.

PHOTO 2. English Station - low pressure boiler area.

PHOTO 3. English Station - First Floor, west side of low pressure boiler

PHOTO 4. English Station - north end of low pressure boiler area.

PHOTO 5.
English Station - First Floor, east side, vicinity of Lighting Panel "OR."

PHOTO 6.
English Station - First Floor, west side of low pressure boiler area.

PHOTO 7.
English Station - Second Floor, Switch Cell Area.

PHOTO 8.
English Station - roof above northeast corner of high pressure boiler area.

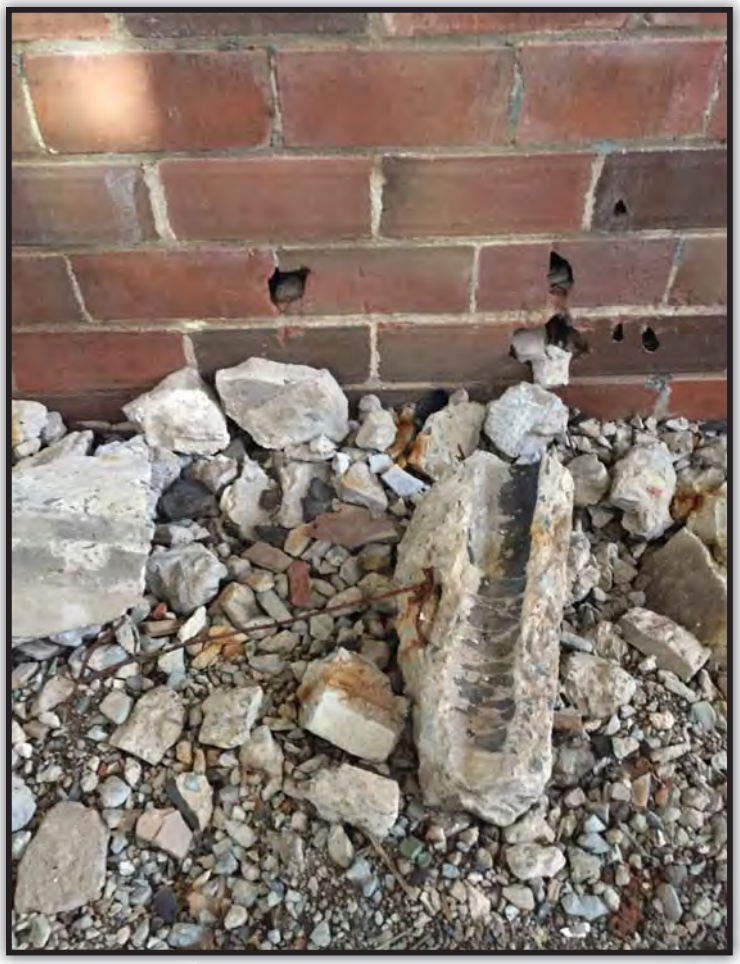

PHOTO 9.
English Station - Turbine Room,
f rst f oor, west side.

PHOTO 10.
English Station - Second
Floor, Switch Cell Area.

TRC
Results you can rely on

APPENDIX B

Soil Boring Logs (electronic)

Boring Log

Record: 700	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*09:41:00*
End Date	*2017-08-01*
End Time	*09:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-3*
Boring Number	*1*
Completion Depth	*6*
Boring Photo	
Notes	*Refusal at 6 feet. Attempted 3 different offsets. No recovery 5-6*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of medium, brown SAND; 0.5-5.0'fill consisting of medium, brown SAND, little gravel. Damp at 4.5-5.0*
Notes	*Sample 0-0.5 pcbs; 3.0-4.0 pcbs, etph, vocs, svocs, rsr 15; 4-5 same as 3-4*

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Boring Log

Record: 703	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*10:00:00*
End Date	*2017-08-01*
End Time	*10:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-3*
Boring Number	*2*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*47*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of medium, brown SAND; 0.5-5.0'fill consisting of medium, brown SAND, little gravel. Damp at 4.5-5.0*
Notes	*Sample 0-0.5 pcbs; 3.0-4.0 pcbs, etph, vocs, svocs, rsr 15; plus ms/msd for all but vocs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fill consisting of wet, brown, coarse SAND and gravel; 6-10 fill consisting of damp, grey-brown, dense SILT*
Notes	*7-8 pcb, etph, vocs, svocs, rsr 15*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*57*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of grey-brown, damp, dense, fine SILT, little gravel*

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Boring Log

Record: 706	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*10:25:00*
End Date	*2017-08-01*
End Time	*10:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-3*
Boring Number	*3*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*41*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of medium, brown SAND; 0.5-5.0'fill consisting of medium, brown SAND, little gravel. Damp at 4.5-5.0*
Notes	*Sample 0-0.5 pcbs; 3.0-4.0 pcbs, etph, vocs, svocs, rsr 15; plus dup 40*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10fill consisting of wet, brown, coarse SAND and gravel;*
Notes	*7-8 pcb, etph, vocs, svocs, rsr 15*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*57*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of grey-brown, saturated, dense, fine SAND, little gravel*
Notes	*Sample 11-12 pcbs, etph, voc, svoc, rsr*

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Boring Log

Record: 472	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*10:27:00*
End Date	*2017-07-27*
End Time	*10:27:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-1*
Boring Photo	
Notes	*1-3 pcbs* *3b etph*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-4 fco loose dry red brown stony MEDIUM FINE SAND* *4-5 fco medium dense moist brown MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco medium dense moist red brown MEDIUM FINE SAND* *6-10 fco medium dense wet black stony MEDIUM FINE SAND*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*60*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 wood (single piece)*

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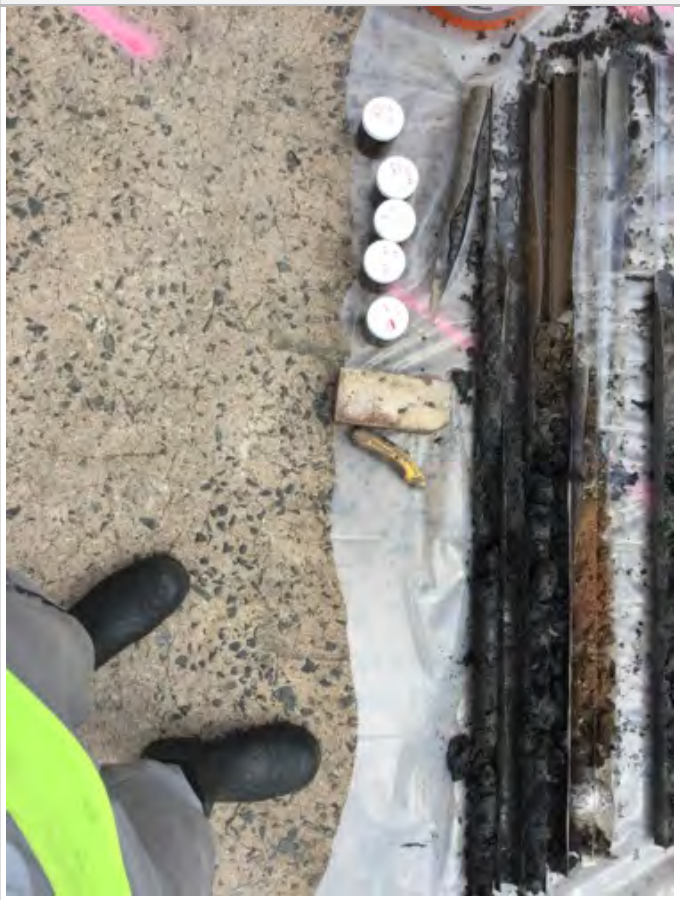
Boring Log

Record: 475	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*10:48:00*
End Date	*2017-07-27*
End Time	*10:48:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-2*
Boring Photo	
Notes	*1-3a pcbs* *3b metals etph with dup-29* *3b vocs , no dup* *3a moved down to 8-8.5 due to sheen on soil water, slight pid hit*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3.5 fco loose dry red brown stony MEDIUM SAND* *3.5-5 fco loose dry brown silty MEDIUM FINE SAND with some concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose wet brown silty MEDIUM FINE SAND* *6-10 fco medium dense wet black stony SILT with slight sheen*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet silty GRAVEL with slight sheen* *7.5-10 fco medium dense wet black SILT with some gravel and slight sheen*

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Boring Log

Record: 478	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*10:55:00*
End Date	*2017-07-27*
End Time	*10:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-3*
Boring Photo	
Notes	*1-3 pcbs* *3b etph pahs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3.5 fco loose dry red brown MEDIUM SAND* *3.5-5 fco loose dry brown gravelly MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0.3*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet brown gravelly FINE SAND* *6.5-10 fco loose wet black sandy SILT with slight sheen*

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Boring Log

Record: 547	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*10:38:00*
End Date	*2017-07-27*
End Time	*10:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*4*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND little Gravel. Damp at 5.0*
Notes	*Sample 0.5-1.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*38*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium to fine, wet, brown SAND and coarse gravel.*
Notes	*5.5-6.0 pcbs*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of wet, dark brown, medium SAND and gravel. Slight fuel oil odor no stain*
Notes	*Sample 12-12.5 pcbs; 12.5-13 etph, vocs*

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Boring Log

Record: 550	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*10:50:00*
End Date	*2017-07-27*
End Time	*11:09:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*5*
Completion Depth	*15*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND little Gravel some wood fragments at 4.5-5*
Notes	*Sample 0.5-1.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*38*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium to fine, wet, brown SAND and coarse gravel.*
Notes	*5.5-6.0 pcbs*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of saturated , dark brown, medium SAND and gravel. Slight fuel oil odor with little staining on water*
Notes	*Sample 12-12.5 pcbs; 12.5-13 etph, pah*

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Boring Log

Record: 481	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*11:14:00*
End Date	*2017-07-27*
End Time	*11:14:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-6*
Boring Photo	
Notes	*1-3 pcbs* *3b etph*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2.5 fco loose dry red brown MEDIUM FINE SAND* *2.5-5 fco loose dry brown silty MEDIUM FINE SAND with some yellow stone and granulated coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*9*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet brown gravelly FINE SANDwith little organic (wood)*

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Boring Log

Record: 541	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*10:10:00*
End Date	*2017-07-27*
End Time	*10:25:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*7*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt, 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5, little concrete at 4.5*
Notes	*Sample 0.5-1.0 pcbs, 2.5-3.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium to fine, wet, brown SAND and coarse gravel.*
Notes	*5.5-6 pcbs, 6-6.5'etph*

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Boring Log

Record: 544	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*10:25:00*
End Date	*2017-07-27*
End Time	*10:38:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*8*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*34*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium SAND, 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 5.0 l*
Notes	*Sample0-0.5 pcbs, 0.5-1.0 pcbs, 2.5-3.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium to fine, wet, brown SAND and coarse gravel.*
Notes	*5.5-6 pcbs, 6-6.5'etph, rsr 15*

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Boring Log

Record: 484	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*12:58:00*
End Date	*2017-07-27*
End Time	*12:58:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-9*
Boring Photo	
Notes	*1-3 pcbs* *3b etph pah voc* *Dup-30 on vocs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry brown silty MEDIUM FINE SAND with some granulated coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose wet brown silty GRAVEL* *6-10 fco loose wet black silty GRAVEL with sheen*

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Boring Log

Record: 487	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*13:24:00*
End Date	*2017-07-27*
End Time	*13:24:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-10*
Boring Photo	
Notes	*1-3 pcbs* *3b etph*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*12*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry brown silty MEDIUM FINE SAND with a lot of concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*12*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet brown silty GRAVEL*

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Boring Log

Record: 490	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*13:33:00*
End Date	*2017-07-27*
End Time	*13:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-11*
Boring Photo	
Notes	*1-3 pcbs* *3b etph*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*12*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry brown silty MEDIUM FINE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown silty GRAVEL with some cinderblock* *8-10 fco loose wet black SILT with wood 8-8.5*

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Boring Log

Record: 493	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*13:41:00*
End Date	*2017-07-27*
End Time	*13:41:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-12*
Boring Photo	
Notes	*1-3 pcbs* *3b etph metals*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry brown gravelly MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet brown MEDIUM FINE SAND with brick at 7.25-7.5* *7.5-10 fco medium dense black wet silt with a lot of cinderblock*

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Boring Log

Record: 499	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*14:09:00*
End Date	*2017-07-27*
End Time	*14:09:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-14*
Boring Photo	
Notes	*1-3 pcbs* *2b etph*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2.5 fco loose dry brown gravelly MEDIUM SAND* *2.5-5 fco loose brown red brown MEDIUM FINE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco loose wet brown silty MEDIUM FINE SAND* *7-10 fco medium dense black wet gravelly SILT*

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Boring Log

Record: 496	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*13:58:00*
End Date	*2017-07-27*
End Time	*13:58:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-15*
Boring Photo	
Notes	*1-3 pcbs* *2b etph pahs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry brown MEDIUM SAND with asphalt 0-0.5 and concrete 3-3.5*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet brown silty MEDIUM FINE SAND* *6.5-10 fco medium dense black wet SILT with concrete 9.5-10*

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Boring Log

Record: 595	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*11:54:00*
End Date	*2017-07-28*
End Time	*11:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-16*
Boring Photo	
Notes	*3 samples per plan*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry red brown silty MEDIUM FINE SAND* *With cement @1.25-1.5*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco medium dense wet red brown silty MEDIUM FINE SAND* *7-10 fco medium dense wet grey fine sandy SILT*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet black sandy GRAVEL* *11-15 fco loose wet black gravelly FINE SAND* *Reduced organic odor throughout*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*57*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-16 fco loose wet black sandy GRAVEL* *16-20 fco medium dense grey SILT* *reduced organic smell throughout interval*

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Boring Log

Record: 592	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*11:28:00*
End Date	*2017-07-28*
End Time	*11:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-17*
Boring Photo	
Notes	*Changed 17-1 sample interval with input from TRC in order to collect a sample that included matrix with petroleum odor* *17-3 ms-msd*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-2.5 fco loose dry brown MEDIUM FINE SAND* *3.5-5 fco medium dense moist brown silty MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium dense wet brown silty MEDIUM FINE SAND* *7-7.5 fco loose wet dark black MEDIUM FINE SAND with petroleum odor but no pid hit* *7.5-10 foo loose wet grey silty SAND* *Reduced organic smell throughout interval*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet black sandy GRAVEL* *11-15 fco loose wet black 1-1/2" MINUS BASALT STONE*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-16 fco loose wet black sandy GRAVEL* *16-18 fco loose wet black silty 1-1/2" MINUS CRUSHER RUN* *18-20 fco medium dense grey SILT* *reduced organic smell throughout interval*

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Boring Log

Record: 583	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*09:21:00*
End Date	*2017-07-28*
End Time	*09:21:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-18*
Boring Photo	
Notes	*Changed sample intervals due to unsampleable material (large stone) in consultation with TRC (Matt)* *18-1 etph pcbs 0-2* *18-2 etph pcbs vocs 10-11* *18-3 etph pcbs 15-16*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco loose dry light brown MEDIUM SAND* *1.5-4.5 fco loose dry red brown MEDIUM SAND* *4.5-5 fco medium dense moist brown silty MEDIUM SAND with some concrete stones*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco medium dense wet brown silty STONE*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet brown sandy GRAVEL* *11-15 fco 1-1/2" minus basalt crusher run*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*21*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-16 fco loose wet grey sandy GRAVEL with organic odor (like riverbed organic)* *16-20 fco 1-1/2" minus basalt crusher run*

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Boring Log

Record: 586	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*10:19:00*
End Date	*2017-07-28*
End Time	*10:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-19*
Boring Photo	
Notes	*Refusal at 14'10" due to a large piece of wood.* *Adjusted sampling intervals with consultation with TRC*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco loose dry brown MEDIUM SAND* *1.5-4.5 fco loose dry red brown MEDIUM FINE SAND* *4.5-5 fco medium dense moist brown silty MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco medium dense wet brown silty MEDIUM FINE SAND* *6.5-8 fco medium dense wet dark grey SILT* *8-10 fco loose wet dark brown sandy GRAVEL*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*15*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet dark grey COARSE SAND* *11-14 fco loose wet dark grey silty 1-1/2" MINUS STONE with reduced organic odor* *14-15 fco dense wet black wood (refusal14'10")*

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Boring Log

Record: 553	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*12:50:00*
End Date	*2017-07-27*
End Time	*13:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*20*
Completion Depth	*20*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*38*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND little Gravel, wet at 4*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fill consisting of medium to fine, wet, brown SAND; 8-10 fill consisting of dark brown, wet medium sand and gravel with oil sheen, little napl*
Notes	*8-8.5 pcbs, 8.5-9.5 etph*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-13 fill consisting of saturated , dark brown, medium GRAVEL, little sand. and gravel. Slight fuel oil odor with little staining on water; 13-15 fine, grey brown SILT little clay and organic.*
Notes	*Sample 13-13.5 pcbs; 13.5-15 etph;*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*60*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-20 fill consisting of fine grey SILT little clay*
Notes	*16-16.5 pcbs; 16.5-17 etph*

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Boring Log

Record: 559	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*14:19:00*
End Date	*2017-07-27*
End Time	*14:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*21*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, little brick. Damp at 4.5,*
Notes	*Sample 0.0-0.5 pcbs, 0.5-1.0 pcbs; 2-3.5 rsr, pcbs, etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*37*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium to fine, wet, brown SAND and coarse gravel*
Notes	*7-8 pcbs, etph*

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Boring Log

Record: 502	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*14:25:00*
End Date	*2017-07-27*
End Time	*14:26:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-23*
Boring Photo	
Notes	*1-3 pcbs* *2b 3b etph* *2b vocs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 concrete* *1-3 fco loose dry red brown MEDIUM FINE SAND* *3-5 fco loose brown MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose wet brown silty MEDIUM FINE SAND* *6-10 fco medium dense black wet gravelly SILT with slight sheen and some wood*

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Boring Log

Record: 505	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*14:28:00*
End Date	*2017-07-27*
End Time	*14:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-24*
Boring Photo	
Notes	*1-3 pcbs* *2b 3b etph*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 concrete* *1-4 fco loose dry red brown MEDIUM FINE SAND* *4-5 fco loose brown MEDIUM FINE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown silty MEDIUM FINE SAND* *8-10 fco medium dense black wet gravelly SILT with some wood*

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Boring Log

Record: 556	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*14:03:00*
End Date	*2017-07-27*
End Time	*14:13:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*25*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium sand; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5,*
Notes	*Sample 0.0-0.5 pcbs, 2.0-2.5 pcbs; 4.0-5.0 pcbs etph*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium to fine, wet, brown SAND with wood, little gravel*
Notes	*9-9.5 pcbs*

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Boring Log

Record: 589	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*10:43:00*
End Date	*2017-07-28*
End Time	*10:43:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-7*
Boring Number	*Ws-aoc7-so-26*
Boring Photo	
Notes	*No samples*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry brown MEDIUM SAND* *1-3.5 fco loose dry red brown MEDIUM FINE SAND* *3.5-5 fco medium dense moist dark grey silty MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium dense wet brown silty MEDIUM FINE SAND* *7-7.5 fco loose wet dark black MEDIUM FINE SAND with petroleum odor* *7.5-10 foo loose wet dark brown sandy GRAVEL*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*15*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet black sandy GRAVEL* *11-15 fco loose wet black 1-1/2" MINUS BASALT STONE*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-16 fco loose wet black sandy GRAVEL* *16-20 fco loose wet black silty 1-1/2" MINUS CRUSHER RUN*

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Boring Log

Record: 1189	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-31*
Start Time	*14:20:00*
End Date	*2017-07-31*
End Time	*14:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-8*
Boring Number	*1*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of moist brown sand with some gravel. Evidence of brick/fill.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*37*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of wet brown/gray coarse to fine sand and some gravel.*

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Boring Log

Record: 1192	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-07-31*
Start Time	*14:10:00*
End Date	*2017-07-31*
End Time	*14:25:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-8*
Boring Number	*2*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of moist brown sand with some gravel. Evidence of brick/fill.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*47*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of wet brown/gray coarse to fine sand and some gravel.*

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Boring Log

Record: 646	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*14:43:00*
End Date	*2017-07-31*
End Time	*14:43:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-8*
Boring Number	*Ws-aoc8-so-3*
Boring Photo	
Notes	*3-3 pcb dup -38* *3-1 pcb etph pah*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *1-2.5 fco loose dry red brown MEDIUM FINE SAND* *2.5-4 pulverized brick* *4-5 fco loose wet brown sandy GRAVEL*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-5.5 fco loose wet brown silty COARSE SAND* *5.5-10 fco medium dense moist grey CLAY with some shells*

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Boring Log

Record: 694	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-31*
Start Time	*14:50:00*
End Date	*2017-07-31*
End Time	*14:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-8*
Boring Number	*4*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and gravel; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5*
Notes	*Sample 0-0.5 pcbs; 0.5-1.0 pcbs; 2.0-2.5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of wet, medium, brown SAND, and gravel; 7.5-10 fill consisting of damp, grey-brown fine SILT, little sand.*
Notes	*Sample 5.0-6.0 pcbs, etph, pah*

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Boring Log

Record: 649	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*15:05:00*
End Date	*2017-07-31*
End Time	*15:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-8*
Boring Number	*Ws-aoc8-so-5*
Boring Photo	
Notes	*5-2 etph pahs pcbs vocs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *1-2 concrete* *2-3.5 fco loose dry red brown MEDIUM SAND* *3.5-5 fco loose wet brown COARSE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.5 fco loose wet brown silty GRAVEL* *8.5-10 fco medium dense moist grey CLAY with some shells*

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Boring Log

Record: 1195	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*12:00:00*
End Date	*2017-09-12*
End Time	*12:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-8*
Boring Number	*6*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*31*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of moist brown sand with some gravel. Evidence of brick/fill.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Fill consisting of wet brown/gray coarse to fine sand and some gravel.*

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Boring Log

Record: 562	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*09:25:00*
End Date	*2017-07-28*
End Time	*21:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*1*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, little brick. Damp at 4.5,*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*29*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated,medium red-brown SAND and coarse gravel*
Notes	*5.5-6 pcbs*

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Boring Log

Record: 565	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*09:34:00*
End Date	*2017-07-28*
End Time	*09:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*2*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, Damp at 4.5,*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, coarse brown SAND little gravel*
Notes	*5.5-6 pcbs*

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Boring Log

Record: 568	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*09:40:00*
End Date	*2017-07-28*
End Time	*09:50:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*3*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, Damp at 4.5,*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, coarse brown SAND and gravel*
Notes	*5.5-6.5 pbs, etph, pah*

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Boring Log

Record: 571	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*10:04:00*
End Date	*2017-07-28*
End Time	*10:07:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*4*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, Damp at 4.5,*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, coarse brown SAND little gravel*
Notes	*5.5-6 pcbs*

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Boring Log

Record: 574	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*10:09:00*
End Date	*2017-07-28*
End Time	*10:14:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*5*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, little brick; Damp at 4.5,*
Notes	*Sample 0.5-1.5 pcbs; etph, pah; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*20*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, coarse brown SAND little gravel*
Notes	*5.5-6 pcbs*

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Boring Log

Record: 1057	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*11:10:00*
End Date	*2017-09-12*
End Time	*11:17:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*6*
Completion Depth	*6*
Boring Photo	
Notes	*Sample:* *6-1: 0-0.5' PCBs* *6-2: 0.5-1.5' PCBs, ETPH, PAHs* *6-3: 2-3' PCBs* *6-4: 5-6' PCBs*

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*30*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black to brown fill with coarse to fine sand trace silt and gravel, coal ash and brick present.*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*22*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black to brown fill with coarse to fine sand trace silt and gravel, coal ash and brick present.*

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Boring Log

Record: 577	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*10:25:00*
End Date	*2017-07-28*
End Time	*10:32:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*7*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*52*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel, little brick; Damp at 4.5,*
Notes	*Sample 0.5-1.5 pcbs plus ms/msd; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*35*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fill consisting of saturated, coarse brown SAND little gravel; 9-10 fill consisting of fine, wet grey SILT*
Notes	*5.5-6 pcbs*

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Boring Log

Record: 580	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*10:35:00*
End Date	*2017-07-28*
End Time	*10:41:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*8*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*43*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 ASPHALT; 0.5- 5.0 fill consisting of medium, brown SAND, little Gravel, little brick;*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of wet, medium, brown SAND little gravel; 7.5-9.0 fill consisting of medium, wet, brown SAND. 9-10 fill consisting of BRICK*
Notes	*5.5-6 pcbs*

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Boring Log

Record: 760	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*10:51:00*
End Date	*2017-07-28*
End Time	*10:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*9*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of medium, brown SAND and gravel*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*55*
PID (ppmv)	*6*
Sample Description & Classification (Modified Burmister)	*5-9 fill consisting of coarse grey-brown, wet SAND and gravel; 9-10 fill consisting of wet, fine, grey SILT little sand and gravel. Solvent odor at 8.5-10*
Notes	*Sample 8.5-10 pcbs, etph, pah, vocs with splp*

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Boring Log

Record: 763	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*11:24:00*
End Date	*2017-07-28*
End Time	*11:38:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*10*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of medium, brown SAND and gravel*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of coarse, brown, saturated SAND and gravel.*
Notes	*Sample 5.5-6.0*

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Boring Log

Record: 763	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*11:24:00*
End Date	*2017-07-28*
End Time	*11:38:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*10*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of medium, brown SAND and gravel*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of coarse, brown, saturated SAND and gravel.*
Notes	*Sample 5.5-6.0*

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Boring Log

Record: 766	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*11:46:00*
End Date	*2017-07-28*
End Time	*11:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*11*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of medium, brown SAND and gravel*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*57*
PID (ppmv)	*1*
Sample Description & Classification (Modified Burmister)	*5-8 fill consisting of coarse grey-brown, wet SAND and gravel; 8-10 fill consisting of wet, fine, grey SILT little sand and gravel. Solvent odor at 8.0-9.5 not as strong as boring 9, odor dissipates at 9.5-10*
Notes	*Sample 8.0-9.5 pcbs, etph, pah.*

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Boring Log

Record: 769	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*11:56:00*
End Date	*2017-07-28*
End Time	*12:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*12*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of medium, brown SAND and gravel; little brick 4.5-5*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs plus dup 34*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of coarse, brown, saturated SAND and gravel, little brick and concrete*
Notes	*Sample 5.5-6.0 pcbs*

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Boring Log

Record: 772	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*12:02:00*
End Date	*2017-07-28*
End Time	*12:07:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*13*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5 fill consisting of medium, brown SAND and gravel.*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of fine to medium, brown, saturated SAND and gravel, little brick; 7.5-9 fill consisting of saturated, medium grey-brown SAND and gravel; 9-10 fill consisting of damp, grey- brown SILT*
Notes	*Sample 5.5-6.0 pcbs*

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Boring Log

Record: 775	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-28*
Start Time	*12:10:00*
End Date	*2017-07-28*
End Time	*12:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*14*
Completion Depth	*10*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*3*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-4 fill consisting of medium, brown SAND and gravel; 4-5 fill consisting of fine, grey, dense SAND with slight solvent odor*
Notes	*Sample 0.5-1.0 pcbs plus ms/msd; 1.5-2.0 pcbs; 4-5 pcbs, etph, pah*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*52*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of fine to medium, brown, damp SAND and gravel, little brick; 7.5-9 fill consisting of saturated, medium grey-brown SAND and gravel; 9-10 fill consisting of BRICK*
Notes	

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Boring Log

Record: 601	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*12:42:00*
End Date	*2017-07-28*
End Time	*12:42:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-15*
Boring Photo	
Notes	*3 samples per plan pcbs* *15-2 msmsd*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco medium dense dry brown MEDIUM SAND with littl brick*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fco medium dense wet red brown silty MEDIUM FINE SAND* *7-10 fco medium dense wet grey silty GRAVEL*

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Boring Log

Record: 598	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-28*
Start Time	*12:34:00*
End Date	*2017-07-28*
End Time	*12:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-16*
Boring Photo	
Notes	*3 samples per plan pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-5 fco loose dry brown MEDIUM SAND with littl brick*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet grey silty GRAVEL*

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Boring Log

Record: 625	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*09:24:00*
End Date	*2017-07-31*
End Time	*09:24:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-17*
Boring Photo	
Notes	*17-2 msmsd for pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-4 fco loose dry red brown MEDIUM COARSE SAND with little concrete at 2 ft* *4-5 fco loose dry brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8.5 fco loose wet brown MEDIUM SAND* *8.5-10 fco loose wet dark grey silty GRAVEL*

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Boring Log

Record: 679	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-31*
Start Time	*09:33:00*
End Date	*2017-07-31*
End Time	*09:39:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*18*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*53*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt, 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick*
Notes	*Sample 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium, brown SAND, little fine silt and coarse asphalt. Very slight old petroleum odor at 8-9.5*
Notes	*Sample 8-9.5 pcbs, etph, pah*

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Boring Log

Record: 628	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*09:53:00*
End Date	*2017-07-31*
End Time	*09:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-19*
Boring Photo	
Notes	*19-3 pcbs dup-35*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-4 fco loose dry red brown MEDIUM COARSE SAND with little concrete at 2 ft* *4-5 fco loose dry brown MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose dry brown MEDIUM SAND* *6-10 fco medium dense moist grey CLAY with slight reducing organic smell*

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Boring Log

Record: 682	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-31*
Start Time	*09:49:00*
End Date	*2017-07-31*
End Time	*09:57:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*20*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt, 0.5-5.0 fill consisting of medium, brown SAND, little gravel, damp at 4.5*
Notes	*Sample 0.5-1.0 pcbs; plus dup 36; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, medium, brown SAND, and gravel.*
Notes	*Sample 5.5-6 pcbs*

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Boring Log

Record: 631	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*10:18:00*
End Date	*2017-07-31*
End Time	*10:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-21*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-4.5 fco loose dry red brown MEDIUM SAND* *4.5-5 fco loose moist red brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*5*
PID (ppmv)	*0.8*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet grey silty COARSE SAND* *6.5-10 fco medium dense moist grey CLAY with slight reducing organic smell*

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Boring Log

Record: 634	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*10:30:00*
End Date	*2017-07-31*
End Time	*10:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-22*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-4.5 fco loose dry red brown MEDIUM SAND with Little Rock's* *4.5-5 fco loose moist brown MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet grey silty COARSE SAND* *6.5-7.5 fco medium dense moist grey CLAY with slight reducing organic smell* *7.5-10 fco loose wet grey Silty COARSE SAND*

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Boring Log

Record: 685	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-31*
Start Time	*10:28:00*
End Date	*2017-07-31*
End Time	*10:34:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*23*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of fine SAND and medium gravel; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick.*
Notes	*Sample 0-0.5 pcbs; 0.5-1.0 pcbs; 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of wet, medium, brown SAND, and gravel; 7-10 fill consisting of wet, grey-brown, medium SAND and gravel.*
Notes	*Sample 5.5-6 pcbs*

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Boring Log

Record: 637	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*10:45:00*
End Date	*2017-07-31*
End Time	*10:45:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-24*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*21*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-4.5 fco loose dry brown MEDIUM SAND* *4.5-5 fco loose moist brown COARSE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet brown silty COARSE SAND*

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Boring Log

Record: 688	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-31*
Start Time	*10:46:00*
End Date	*2017-07-31*
End Time	*10:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*25*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of fine SAND and medium gravel; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5*
Notes	*Sample 0-0.5 pcbs; 0.5-1.0 pcbs; 1.5-2.0 pcbs, etph, pah*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of wet, medium, brown SAND, and gravel; 7-10 fill consisting of damp, grey-brown fine SILT, little sand.*
Notes	*Sample 5.5-6 pcbs*

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Boring Log

Record: 640	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*11:08:00*
End Date	*2017-07-31*
End Time	*11:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-26*
Boring Photo	
Notes	*26-2 pcbs msmsd*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-4.5 fco loose dry brown MEDIUM SAND with some brick* *4.5-5 fco loose moist brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet brown silty COARSE SAND*

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Boring Log

Record: 691	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-31*
Start Time	*11:22:00*
End Date	*2017-07-31*
End Time	*11:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*27*
Completion Depth	*10*
Boring Photo	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fill consisting of fine SAND and medium gravel; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, damp at 4.5*
Notes	*Sample 0-0.5 pcbs; 0.5-1.0 pcbs; 1.5-2.0 pcbs,*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*38*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of wet, medium, brown SAND, and gravel; 7-10 fill consisting of damp, grey-brown fine SILT, little sand.*
Notes	*Sample 5.5-6 pcbs*

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Boring Log

Record: 643	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-31*
Start Time	*11:25:00*
End Date	*2017-07-31*
End Time	*11:25:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-28*
Boring Photo	
Notes	*28-4 pcbs etph pah*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry light tan FINE SAND* *1-4 fco loose dry red brown MEDIUM FINE SAND* *4-5 fco loose moist red brown MEDIUM SAND with weathered concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*1*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose wet brown silty COARSE SAND* *6-10 fco medium dense moist grey CLAY with little shells*

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Boring Log

Record: 1045	
Boring Company	*Cumins EnviroTech*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-11*
Start Time	*11:43:00*
End Date	*2017-09-11*
End Time	*11:52:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*29*
Completion Depth	*10*
Boring Photo	
Notes	*Sample depths:* *-1: 0-0.5'* *-2: 0.5-1.0'* *-3: 4.5-5'* *-4: 8.5-9'*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*31*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black/brown fill with coarse to fine sand and trace silt. Brick and coal ash present.*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*10*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black fill with coarse to fine sand and trace silt and gravel. Septic odor.*

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Boring Log

Record: 652	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*09:43:00*
End Date	*2017-08-01*
End Time	*09:43:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-30*
Boring Photo	
Notes	*Pcb dup-39 at 30-1* *30-3 pcb pah etph*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-5 fco loose dry red brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*5*
PID (ppmv)	*1.8*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose dry red brown MEDIUM SAND* *6-10 fco medium dense moist grey CLAY with shells and slight weathered petroleum odor 6-8 that becomes more noticeable at 8-10*

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Boring Log

Record: 697	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*09:28:00*
End Date	*2017-08-01*
End Time	*21:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*31*
Completion Depth	*10*
Boring Photo	
Notes	*Refusal at 3 feet. Attempted 3 different offsets*

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Samples	
Depth	*5*
Penetration (inches)	*36*
Recovery (inches)	*32*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-3.0 fill consisting of medium, brown SAND, little gravel.*
Notes	*Sample 0.5-1.0 pcbs; 2.0-3.0 pcbs*

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Boring Log

Record: 715	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*13:21:00*
End Date	*2017-08-01*
End Time	*13:30:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*32*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.5 fill consisting of CONCRETE and medium, brown SAND, little gravel; 2.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5*
Notes	*Sample; 0.5-1.0 pcbs; 2.0-3.0 pcbs plus dup-42*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of dark brown, wet, fine SAND, little fine silt, little gravel, slight old petroleum door at 7-7.5*
Notes	*6-7.5'pcbs, etph, pah*

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Boring Log

Record: 712	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*11:42:00*
End Date	*2017-08-01*
End Time	*11:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*33*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 trap rock, asphalt, little sand; 0.5-2.5 fill consisting of CONCRETE and medium, brown SAND, little gravel; 2.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick*
Notes	*Sample 0-0.5 pcbs; 0.5-1.0 pcbs; 2.0-3.0 pcbs plus ms/msd*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*51*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of dark brown, saturated, fine SAND, little gravel, little wood*
Notes	*6-7 pcbs,*

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Boring Log

Record: 709	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*11:28:00*
End Date	*2017-08-01*
End Time	*11:40:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*34*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-2.5 fill consisting of CONCRETE and medium, brown SAND, little gravel; 2.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick*
Notes	*Sample 0.5-1.0 pcbs; 2.0-3.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of dark brown, saturated, fine SAND, little gravel, little wood*
Notes	*6-7 pcbs, etph, pah*

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Boring Log

Record: 718	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*13:35:00*
End Date	*2017-08-01*
End Time	*14:00:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*35*
Completion Depth	*10*
Boring Photo	
Notes	*Refusal at 5 feet, multiple locations. Had to shift sample intervals*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0.2*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-1.5 fill consisting of CONCRETE and medium, brown SAND, little gravel; 1.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5 slight old petroleum odor from 4-5*
Notes	*Sample; 0.5-1.0 pcbs; 2.0-3.0 pcbs; 4.0-5.0 pcbs, etph, pah*

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Boring Log

Record: 724	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*14:18:00*
End Date	*2017-08-01*
End Time	*14:31:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*36*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5.*
Notes	*Sample; 0.5-1.0 pcbs; 2.0-3.0 pcbs;*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, grey-brown, medium SAND, little silt, little gravel.*
Notes	*6-7 pcbs*

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Boring Log

Record: 721	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*14:01:00*
End Date	*2017-08-01*
End Time	*14:15:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*37*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium SAND and gravel; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5 slight old petroleum odor from 4-5*
Notes	*Sample; 0-0.5 pcbs, 0.5-1.0 pcbs; 2.0-3.0 pcbs; 4.0-5.0, etph, pah plus dup 43*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, grey-brown, medium SAND and silt, little gravel.*
Notes	*6-7 pcbs*

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Boring Log

Record: 727	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-08-01*
Start Time	*14:32:00*
End Date	*2017-08-01*
End Time	*14:41:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*38*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5-5.0 fill consisting of medium, brown SAND, little gravel, little brick, damp at 4.5.*
Notes	*Sample; 0.5-1.0 pcbs; 2.0-3.0 pcbs;*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*47*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of saturated, dark brown, medium SAND and coarse gravel, little brick, little silt.*
Notes	*6-7 pcbs, etph, pah*

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Boring Log

Record: 673	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*14:29:00*
End Date	*2017-08-01*
End Time	*14:29:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-39*
Boring Photo	
Notes	*39-3 pcb dup -44*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 concrete with minimal asphalt at surface* *1.5-4 fco loose dry black silty MEDIUM COARSE SAND* *4-5 fco loose dry brown silty MEDIUM COARSE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose dry brown silty MEDIUM COARSE SAND* *6.5-8 fco loose dry red brown MEDIUM SAND* *8-10 fco loose wet black silty GRAVEL*

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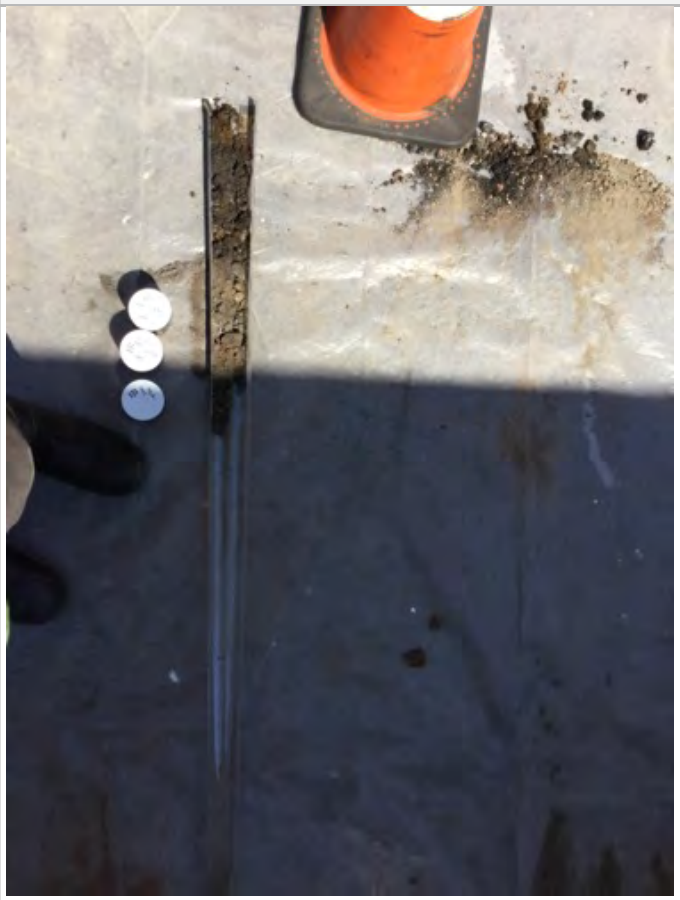
Boring Log

Record: 676	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*14:53:00*
End Date	*2017-08-01*
End Time	*14:53:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-40*
Boring Photo	
Notes	*Refusal twice at 2.5 ft. One was all concrete. Second was half concrete half material and refusal at same depth. Potential vault.*

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Samples	
Depth	*5*
Penetration (inches)	*30*
Recovery (inches)	*18*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 concrete* *1.5-2.5 fco loose dry orange black silty MEDIUM COARSE SAND*

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Boring Log

Record: 670	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*13:56:00*
End Date	*2017-08-01*
End Time	*13:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-41*
Boring Photo	
Notes	*41-3b@9.5-10 etph pahs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 asphalt* *1.5-3 concrete* *3-4.5 fco loose dry black silty MEDIUM COARSE SAND* *4.5-5 fco loose dry red brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fco loose wet brown silty GRAVEL* *9-10 fco medium dense wet black sandy SILT with slight petroleum odor*

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Boring Log

Record: 667	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*13:36:00*
End Date	*2017-08-01*
End Time	*13:36:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-44*
Boring Photo	
Notes	*No recovery 5-10 on two attempts. Potentially a void or unrecoverable material.* *Adjusted sampling intervals upwards.* *44-1@1-2 pcbs msmsd* *44-2@2.5-3 pcbs* *44-3@4.5-5 pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 asphalt* *1-2 concrete* *2-4.5 fco loose dry black silty MEDIUM COARSE SAND* *4.5-5 fco loose dry red brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*0*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*No recovery on two attempts*

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Boring Log

Record: 661	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*11:36:00*
End Date	*2017-08-01*
End Time	*11:37:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-45*
Boring Photo	
Notes	*Adjusted sample intervals due to refusal at 6'* *45-1 @ 0-0.5 pcbs* *45-2 @ 0.5-1 pcbs msmsd* *45-3a @4-4.5 pcbs* *45-4@4.5-5 etph pah*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry tan FINE SAND with little asphalt* *1-5 fco loose dry red brown MEDIUM FINE SAND*

Samples	
Depth	*6*
Penetration (inches)	*12*
Recovery (inches)	*6*
Depth (feet)	*1*
PID (ppmv)	*1.8*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose wet red brown MEDIUM SAND* *Refusal at 6'*

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Boring Log

Record: 664	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*11:56:00*
End Date	*2017-08-01*
End Time	*11:56:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-46*
Boring Photo	
Notes	*46-1 pcb duo-41* *46-2 etph pah pcb*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco asphalt* *1-4.5 fco loose dry brown silty FINE SAND with bands of red brown at 1-1.5 and 3.5-4* *4.5-5 fco loose wet brown silty MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet brown silty GRAVEL* *6.5-8 fco medium dense moist grey CLAY* *8-10 fco medium dense wet black gravelly CLAY*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*48*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-12 fco loose wet grey silty GRAVEL* *12-15 fco medium dense moist grey silty CLAY*

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Boring Log

Record: 658	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*11:02:00*
End Date	*2017-08-01*
End Time	*11:02:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-47*
Boring Photo	
Notes	*47-3 etph pah pcb*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete and asphalt* *1-3.5 fco loose dry red brown silty FINE SAND* *3.5-5 fco granulated coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose dry red brown silty FINE SAND* *8-10 fco loose wet brown grey silty COARSE SAND*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet grey silty GRAVEL* *11-15 fco medium dense moist grey silty CLAY*

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Boring Log

Record: 655	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-08-01*
Start Time	*10:33:00*
End Date	*2017-08-01*
End Time	*10:33:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-9*
Boring Number	*Ws-aoc9-so-48*
Boring Photo	
Notes	*48-4 etph pah pcb*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 fco loose dry tan MEDIUM FINE SAND* *0.5-5 fco loose dry dark brown silty FINE SAND with little brick, coal, asphalt, and concrete*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*6*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet brown silty FINE SAND*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-11 fco loose wet grey silty GRAVEL* *11-15 fco medium dense moist grey silty CLAY*

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Boring Log

Record: 1051	
Boring Company	*Ground H20*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*10:40:00*
End Date	*2017-09-12*
End Time	*10:48:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*1*
Completion Depth	*4*
Boring Photo	
Notes	*Sample:* *1-1: 0.5-1.5' PCBs, ETPH, SVOCs, RSR-15* *1-2: 1.5-2.5' PCBs VOCs* *1-3: 2.5-3.5' PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*22*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet brown fill with coarse to fine sand and trace gravel.*

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Boring Log

Record: 1054	
Boring Company	*Ground H20*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*10:50:00*
End Date	*2017-09-12*
End Time	*10:57:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*2*
Completion Depth	*4*
Boring Photo	
Notes	*Sample:* *2-1: 0.5-1.5' PCBs, ETPH, SVOCs, RSR-15* *2-2: 1.5-2.5' PCBs VOCs* *2-3: 2.5-3.5' PCBs*

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*25*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet brown fill with coarse to fine sand and trace gravel.*

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Boring Log

Record: 874	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:11:00*
End Date	*2017-09-12*
End Time	*13:38:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*7*
Completion Depth	*4*
Notes	*Sample:* *7-1: PCBs, ETPH* *7-2: PCBs* *7-3: PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*22*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel. Coal ash present.*

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Boring Log

Record: 865	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:25:00*
End Date	*2017-09-12*
End Time	*13:28:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*8*
Completion Depth	*4*

Samples	
Depth	*4*
Penetration (inches)	*48*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand, trace gravel and silt. Signs of coal ash and brick present.*

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Boring Log

Record: 871	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:11:00*
End Date	*2017-09-12*
End Time	*13:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*8*
Completion Depth	*10*
Notes	*Sample:* *8-1: PCBs RSR-15* *8-2: PCBs* *8-3: VOCs PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*23*
Depth (feet)	*2.5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel. Coal ash present.*

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Boring Log

Record: 880	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:17:00*
End Date	*2017-09-12*
End Time	*13:48:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*10*
Completion Depth	*4*
Notes	*Sample:* *10-1: PCBs, RSR-15* *10-2: PCBs* *10-3: PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*22*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel. Coal ash present.*

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Boring Log

Record: 877	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:11:00*
End Date	*2017-09-12*
End Time	*13:38:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*11*
Completion Depth	*4*
Notes	*Sample:* *11-1: PCBs, SVOCs* *11-2: PCBs* *11-3: PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*30*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel. Coal ash present.*

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Boring Log

Record: 883	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:53:00*
End Date	*2017-09-12*
End Time	*14:09:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*13*
Completion Depth	*4*
Notes	*Sample:* *13-1: PCBs* *13-2: PCBs* *13-3: PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*34*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel and clay. Coal ash present.*

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Boring Log

Record: 1063	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*11:49:00*
End Date	*2017-09-12*
End Time	*11:55:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*16*
Completion Depth	*4*
Notes	*Sample:* *16-1: 0.5-1' PCBs* *16-2: 1.5-2' PCBs* *16-3: 3.5-4' PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*32*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black/brown fill with coarse to fine sand and gravel. Trace silt and clay. Coal ash present.*

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Boring Log

Record: 1069	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*11:49:00*
End Date	*2017-09-12*
End Time	*12:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*17*
Completion Depth	*4*
Notes	*Sample:* *17-1: 0.5-1' PCBs, ETPH* *17-2: 1.5-2' PCBs SVOCs* *17-3: 3.5-4' PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*27*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black/brown fill with coarse to fine sand and gravel. Trace silt and clay. Coal ash present.*

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Boring Log

Record: 1060	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*11:38:00*
End Date	*2017-09-12*
End Time	*11:43:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*20*
Completion Depth	*4*
Notes	*Sample:* *20-1: 0.5-1' PCBs* *20-2: 1.5-2' PCBs* *20-3: 3.5-4' PCBs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*37*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black fill with coarse to fine sand and gravel. Trace silt and clay. Coal ash present.*

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Boring Log

Record: 868	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:11:00*
End Date	*2017-09-12*
End Time	*13:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*25*
Completion Depth	*10*
Notes	*Sample:* *25-1: PCBs* *25-2: PCBs* *Concrete refusal at 2.5'*

Samples	
Depth	*4*
Penetration (inches)	*30*
Recovery (inches)	*11*
Depth (feet)	*2.5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel. Coal ash present.* *Concrete refusal at 2.5'*

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Boring Log

Record: 1084	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-13*
Start Time	*10:28:00*
End Date	*2017-09-13*
End Time	*10:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*25*
Notes	*First attempt refusal at 2.5'. Will core through floor and attempt again. Sample intervals -1 and -2 already completed.* *-3: PCBs 8-9'*

Samples	
Depth	*12*
Penetration (inches)	*48*
Recovery (inches)	*26*
Depth (feet)	*12*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill with fine to coarse sand, some silt, trace clay. Septic odor present.*

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Boring Log

Record: 862	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*13:01:00*
End Date	*2017-09-12*
End Time	*13:10:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*30*
Completion Depth	*10*
Notes	*Sample:* *30-1: PCBs, RSR-15* *30-2: PCBs* *30-3: 8-9' PCBs, VOCs*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*34*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with coarse to fine sand and some silt. Trace gravel.*

Samples	
Depth	*8*
Penetration (inches)	*48*
Recovery (inches)	*38*
Depth (feet)	*8*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill with fine to coarse sand with some silt and trace clay. Organic present. Septic odor.*

Samples	
Depth	*12*
Penetration (inches)	*48*
Recovery (inches)	*38*
Depth (feet)	*8*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill with fine to coarse sand with some silt and trace clay. Organic present. Septic odor.*

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Boring Log

Record: 1066	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-12*
Start Time	*11:56:00*
End Date	*2017-09-12*
End Time	*12:05:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*31*
Completion Depth	*10*
Boring Photo	
Notes	*Sample:* *31-1: 0.5-1.5' PCBs, ETPH* *31-2: 1.5-2.5' PCBs SVOCs* *31-3: 8-9' PCBs, VOCs*

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*30*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist black/brown fill with coarse to fine sand and gravel. Trace silt and clay. Coal ash present.*

Samples	
Depth	*8*
Penetration (inches)	*48*
Recovery (inches)	*48*
Depth (feet)	*8*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Wet black/gray fill with fine to coarse sand with some silt and trace clay. Organic matter present. Slight septic odor.*

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Boring Log

Record: 1078	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-13*
Start Time	*08:42:00*
End Date	*2017-09-13*
End Time	*08:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*41*
Completion Depth	*4*
Notes	*Sample for PCBs* *-1: 0.5-1.5'* *-2: 1.5-2.5'* *-3: 2.5-3.5'*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*27*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with fine to coarse sand trace silt and gravel.*

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Boring Log

Record: 1075	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-13*
Start Time	*09:51:00*
End Date	*2017-09-13*
End Time	*09:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*42*
Completion Depth	*4*
Boring Photo	
Notes	*Sample for PCBs* *-1: 0.5-1.5'* *-2: 1.5-2.5'* *-3: 2.5-3.5'*

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*32*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with fine to coarse sand trace silt and gravel.*

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Boring Log

Record: 1081	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-13*
Start Time	*08:42:00*
End Date	*2017-09-13*
End Time	*08:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*43*
Completion Depth	*4*
Notes	*Sample for PCBs* *-1: 0.5-1.5'* *-2: 1.5-2.5'* *-3: 2.5-3.5'*

Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*23*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with fine to coarse sand trace silt and gravel.*

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Boring Log

Record: 1072	
Boring Company	*Ground H2O*
Foreman	*Timothy Schiavone*
W&S Representative	*Tim Schiavone*
Start Date	*2017-09-13*
Start Time	*08:42:00*
End Date	*2017-09-13*
End Time	*08:54:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-10*
Boring Number	*45*
Completion Depth	*4*
Boring Photo	
Notes	*Sample for PCBs* *-1: 0.5-1.5'* *-2: 1.5-2.5'* *-3: 2.5-3.5'*

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Samples	
Depth	*4*
Penetration (inches)	*48*
Recovery (inches)	*25*
Depth (feet)	*4*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*Moist brown fill with fine to coarse sand trace silt and gravel.*

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Boring Log

Record: 433	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*10:51:00*
End Date	*2017-07-26*
End Time	*10:51:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-1*
Boring Photo	
Notes	*1-1b for metals*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete and asphalt* *1-2 fco loose dry grey MEDIUM COARSE SAND* *2-3 fco concrete* *3-5 loose dry brown MEDIUM FINE SAND with little brick and coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*5-7 loose wet brown MEDIUM FINE SAND* *7-10 loose wet black FINE SAND with some gravel*

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Boring Log

Record: 436	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*11:11:00*
End Date	*2017-07-26*
End Time	*11:11:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-2*
Boring Photo	
Notes	*2-1b svoc*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete* *1-5 loose dry brown MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*5-6 fco loose moist brown MEDIUM FINE SAND* *6-7.5 fco loose wet orange brown MEDIUM SAND with little plywood at 7.25-7.5* *7-10 fco loose wet black FINE SAND with some gravel*

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Boring Log

Record: 439	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*11:19:00*
End Date	*2017-07-26*
End Time	*11:19:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-3*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*9*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete* *1-3 loose dry brown MEDIUM FINE SAND* *3-5 loose moist dark brown silty MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*5-10 fco loose wet black FINE SAND with some gravel*

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Boring Log

Record: 430	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*10:46:00*
End Date	*2017-07-26*
End Time	*10:46:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-4*
Boring Photo	
Notes	*Dup -26 from 4-1 for pcbs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete and asphalt* *1-5 loose dry brown MEDIUM FINE SAND with little brick and coal*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*24*
Depth (feet)	*5*
PID (ppmv)	*0.1*
Sample Description & Classification (Modified Burmister)	*5-7.5 loose wet brown MEDIUM FINE SAND* *7.5-10 loose wet black FINE SAND with some gravel*

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Boring Log

Record: 427	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*10:21:00*
End Date	*2017-07-26*
End Time	*10:21:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-5*
Boring Photo	
Notes	*Sample 5-3 taken from 8-8.5 ft bgs due to petroleum-like odor* *Ms/ms don 5-1a for pcbs* *5-1b for metals*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete and asphalt* *1-4.5 loose dry brown MEDIUM FINE SAND with little brick and coal* *4.5-5 fco loose wet brown MEDIUM FINE SAND*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0.5*
Sample Description & Classification (Modified Burmister)	*5-7.5 loose wet brown MEDIUM FINE SAND with little brick* *7.5-10 loose wet black FINE SAND*

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Boring Log

Record: 442	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*11:41:00*
End Date	*2017-07-26*
End Time	*11:41:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-6*
Boring Photo	
Notes	*6-1a -> dup-27* *6-1b metals*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete* *1-3 loose dry brown MEDIUM COARSE SAND* *3-5 loose moist dark brown silty MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet brown silty FINE SAND* *8-10 fco loose wet black FINE SAND with some gravel*

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Boring Log

Record: 445	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*11:49:00*
End Date	*2017-07-26*
End Time	*11:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-7*
Boring Photo	
Notes	*7-1 pcbs ms/msd* *7-3 pcbs and vocs*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*39*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete* *1-3 loose dry brown MEDIUM SAND* *3-5 loose moist dark brown silty MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*54*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet brown silty FINE SAND with some yellow coarse sand at 6.25-6.5* *8-10 fco loose wet black FINE SAND with some gravel*

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Boring Log

Record: 517	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*09:50:00*
End Date	*2017-07-26*
End Time	*10:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*8*
Completion Depth	*9.5*
Boring Photo	
Notes	*Solid refusal 9.5*

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; fill consisting of medium, 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	*0.5-1.0 pcbs; 2-2.5 pcbs*

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Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*58*
PID (ppmv)	*17*
Sample Description & Classification (Modified Burmister)	*5-7.5 fill consisting of damp, brown SAND and gravel; 7.5-10 fill consisting of medium, dark brown SAND with slight odor and pid;*
Notes	*7-7.5pcbs; 8-9 vocs, rsr 15*

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Boring Log

Record: 511	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*09:50:00*
End Date	*2017-07-26*
End Time	*10:06:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*9*
Completion Depth	*9.5*
Boring Photo	
Notes	*Solid refusal 9.5*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; fill consisting of medium, 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	*5-7 pcbs; 7-8 pcbs; 8-8.5'pcbs; 8.5-9.5 svocs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*38*
PID (ppmv)	*15*
Sample Description & Classification (Modified Burmister)	*5-7 fill consisting of damp, brown SAND and gravel; 7-9.5 fill consisting of medium, brown SAND and gravel. Fuel odor 8-9.5*
Notes	*See 0-5*

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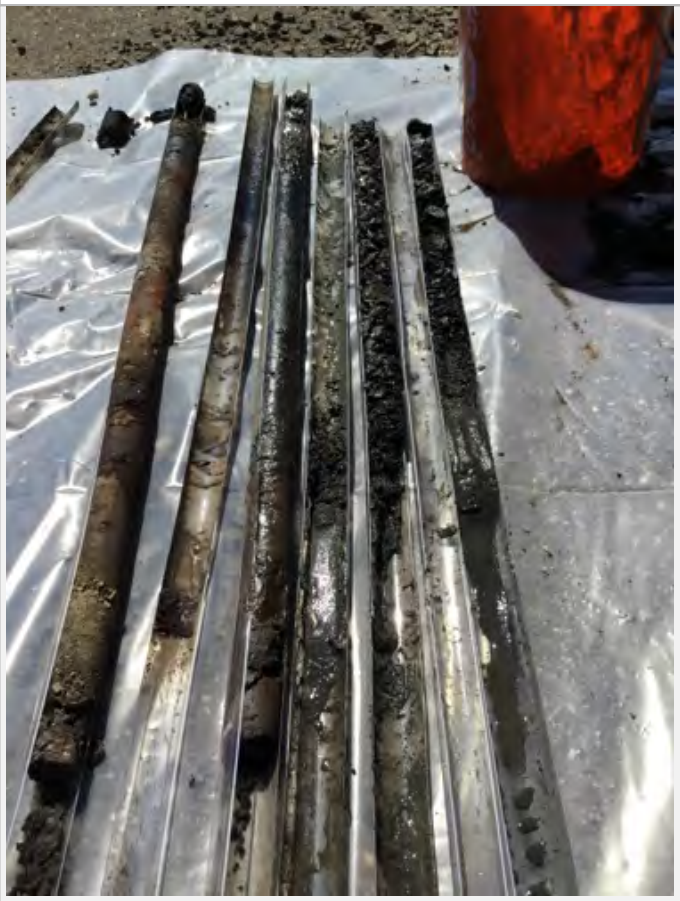
Boring Log

Record: 514	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*10:05:00*
End Date	*2017-07-26*
End Time	*11:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*10*
Completion Depth	*20*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*49*
PID (ppmv)	*15*
Sample Description & Classification (Modified Burmister)	*5-9.5 fill consisting of wet, dark brown fine SAND; 9.5-10 fill consisting of medium, brown GRAVEL, pea stone type. Fuel odor 8-9.5*
Notes	*5-5.5 pcbs; 7-7.5 pcbs; 7.5-8 pcbs; 8-9 vocs plus splp*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*15*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of wet, dark brown, medium to coarse GRAVEL pea stone type. Fuel odor*
Notes	

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*15*
Sample Description & Classification (Modified Burmister)	*15-20 fill consisting of wet, dark brown, medium to coarse GRAVEL pea stone type. Fuel odor*
Notes	

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Boring Log

Record: 520	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*10:05:00*
End Date	*2017-07-26*
End Time	*11:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*11*
Completion Depth	*20*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*7.5*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, medium, brown SAND and gravel. Little staining and fuel odor at 8-9*
Notes	*5-5.5 pcbs; 7-7.5 pcbs; 8-9 etph, vocs*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of wet, dark brown, medium to coarse SAND and gravel.*
Notes	

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-16.5 fill consisting of wet, dark brown, medium to coarse SAND and gravel; 16.5-20 fill consisting of damp, fine, grey CLAY, little sand*
Notes	*15-15.5 pcbs*

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Boring Log

Record: 529	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*03:00:00*
End Date	*2017-07-26*
End Time	*15:23:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*12*
Completion Depth	*20*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*40*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	*Sample 3.5-4 pcbs, 4.5-5 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*0*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*No recovery, washout in 3 offsets*
Notes	

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*0*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*No recovery, washout at 3 different locations*
Notes	

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*38*
PID (ppmv)	*1*
Sample Description & Classification (Modified Burmister)	*15-17 fill consisting of wet, dark brown, medium to coarse SAND and gravel; 17-20 fill consisting of fine to medium, wet grey CLAY.*
Notes	*15-15.5 pcbs, 15.5-16 etph*

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Boring Log

Record: 523	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*02:05:00*
End Date	*2017-07-26*
End Time	*14:31:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*13*
Completion Depth	*20*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*42*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*46*
PID (ppmv)	*7.5*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, medium, brown SAND and gravel.*
Notes	*5-5.5 pcbs; 7-7.5 pcbs; 8-9 etph*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of wet, dark brown, medium to coarse SAND and gravel.*
Notes	

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-18.5 fill consisting of wet, dark brown, medium to coarse SAND and gravel; 18.5-20 fill consisting of damp, fine, grey CLAY, little sand*
Notes	*15-15.5 pcbs*

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Boring Log

Record: 526	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-26*
Start Time	*02:33:00*
End Date	*2017-07-26*
End Time	*14:59:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*14*
Completion Depth	*20*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5*
Notes	

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of wet, medium, brown SAND and gravel.*
Notes	*5-5.5 pcbs; 7-7.5 pcbs;*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fill consisting of saturated, dark brown, medium to coarse SAND and gravel.*
Notes	

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*1*
Sample Description & Classification (Modified Burmister)	*15-20 fill consisting of wet, dark brown, medium to coarse SAND and gravel;*
Notes	*15-15.5 pcbs, 15.5-16 etph*

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Boring Log

Record: 457	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*15:18:00*
End Date	*2017-07-26*
End Time	*15:18:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-15*
Boring Photo	
Notes	*15-3 pcb ms/msd*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco concrete and asphalt* *1-4.5 fco loose dry red brown FINE SAND* *4.5-5 fco loose wet brown FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fco medium dense wet dark grey SILT*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fco loose wet dark grey SILT with little seashells*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*52*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-20 fco medium dense wet dark grey CLAY with little seashells*

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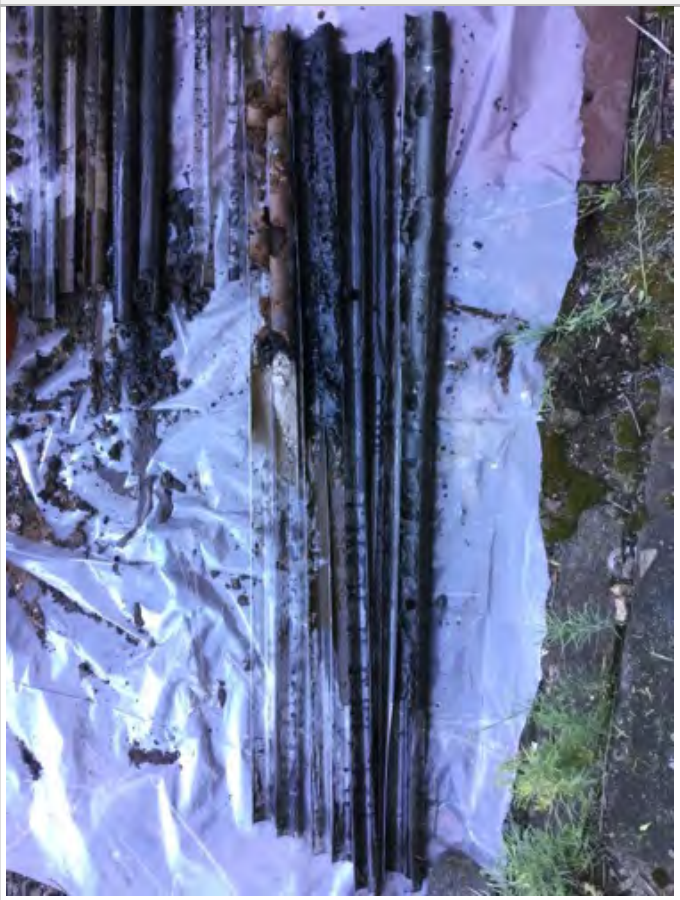
Boring Log

Record: 454	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*15:02:00*
End Date	*2017-07-26*
End Time	*15:02:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-16*
Boring Photo	
Notes	*17-2 metals pcb* *Very minimal recovery 10-15, moved 17-2 to 15-16*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco concrete and asphalt* *1.5-5 fco medium dense dry brown fine sandy SILT*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6.5 fco loose wet red brown MEDIUM FINE SAND with some gravel* *6.5-10 fco loose wet dark grey gravelly SILT*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*4*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fco loose wet dark grey gravelly SILT*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-20 fco medium dense wet dark grey CLAY with little seashells*

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Boring Log

Record: 451	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*14:03:00*
End Date	*2017-07-26*
End Time	*14:03:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-17*
Boring Photo	
Notes	*17-1 pah pcb* *Very minimal recovery 15-20*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*30*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1.5 fco loose dry red brown MEDIUM FINE SAND* *1.5-5 fco loose dry brown MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-7.5 fco loose wet red brown MEDIUM FINE SAND with some gravel* *7.5-10 fco medium dense wet dark grey SILT*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-15 fco medium dense wet dark grey SILT with some gravel 14-14.5*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*3*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-20 fco medium dense wet dark grey brown silty MEDIUM FINE SAND*

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Boring Log

Record: 448	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-26*
Start Time	*13:43:00*
End Date	*2017-07-26*
End Time	*13:43:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-18*
Boring Photo	

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-3 fco loose dry red brown MEDIUM SAND* *3-5 fco loose dry red brown MEDIUM FINE SAND*

powered by ZerionSoftware

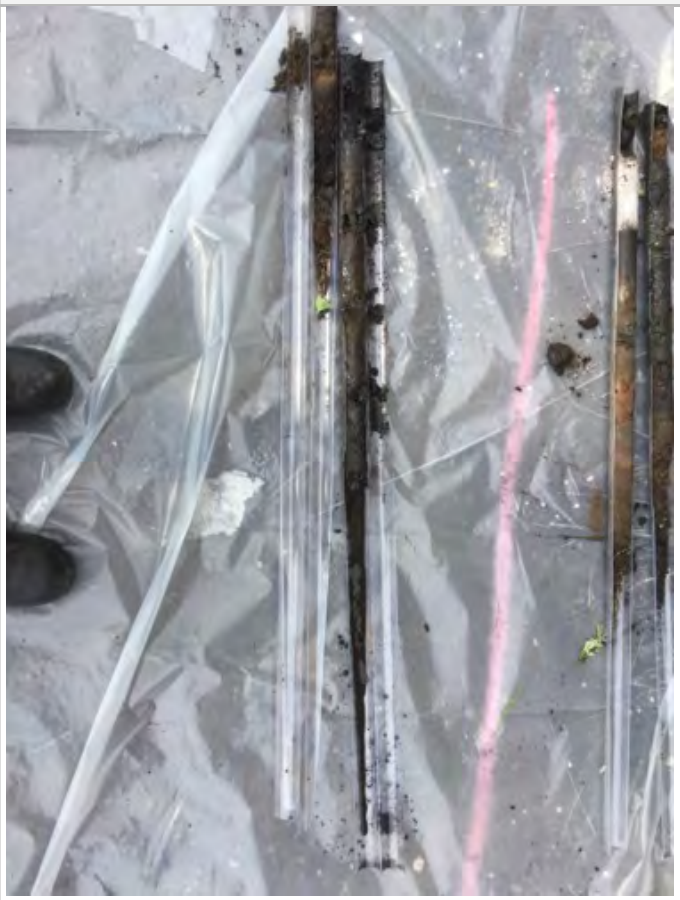
Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fco loose wet red brown MEDIUM FINE SAND with little clay layers* *9-10 fco medium dense wet dark grey SILT*

Samples	
Depth	*15*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*10-12 fco medium dense wet dark grey SILT* *12-14 fco loose wet dark grey silty GRAVEL* *14-14.5 fco concrete* *14.5-15 fco medium dense wet dark grey sandy SILT*

Samples	
Depth	*20*
Penetration (inches)	*60*
Recovery (inches)	*51*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*15-18 fco medium dense wet dark grey brown SILT* *18-20 fco medium dense wet black fine sandy SILT*

powered by ZerionSoftware

Boring Log

Record: 460	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*09:01:00*
End Date	*2017-07-27*
End Time	*09:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-19*
Boring Photo	
Notes	*19-4b metals* *1 to 4 pcbs*

powered by ZerionSoftware

Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*12*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 fco loose dry brown MEDIUM SAND* *1-5 fco loose dry brown MEDIUM FINE SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-9 fco loose wet brown sandy GRAVEL* *9-10 fco loose wet black sandy GRAVEL*

powered by ZerionSoftware

Boring Log

Record: 532	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*08:57:00*
End Date	*2017-07-27*
End Time	*09:01:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*20*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and silt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5, little concrete at 4-4.5*
Notes	*Sample 0-0.5 pcbs, 0.5-1.0 pcbs, 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-10 fill consisting of medium, wet, brown SAND and gravel*
Notes	*5-5.5 pcbs, 5.5-6 etph*

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Boring Log

Record: 463	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*09:22:00*
End Date	*2017-07-27*
End Time	*09:22:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-21*
Boring Photo	
Notes	*1-3 pcbs* *1b pah*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.25 asphalt* *0.25-4 fco loose dry red brown stony MEDIUM SAND with little brick* *4-5 fco loose wet brown gravelly MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-6 medium dense wet brown MEDIUM SAND with some concrete* *6-10 loose wet brown medium sandy SILT*

powered by ZerionSoftware

Boring Log

Record: 466	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*09:27:00*
End Date	*2017-07-27*
End Time	*09:27:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-22*
Boring Photo	
Notes	*1-3 pcbs* *1 is dup -28*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*33*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-1 asphalt* *1-5 fco loose dry red brown stony MEDIUM SAND with large stone at 4-4.5*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*42*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet red brown medium sandy SILT* *8-10 fco loose wet brown silty MEDIUM SAND*

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Boring Log

Record: 469	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Chris Berthiaume*
Start Date	*2017-07-27*
Start Time	*09:49:00*
End Date	*2017-07-27*
End Time	*09:49:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*Ws-aoc13-so-23*
Boring Photo	
Notes	*1-3 pcbs* *1b metals* *3 ms/msd*

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*27*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 asphalt* *0.5-5 fco loose dry red brown stony MEDIUM SAND*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*36*
Depth (feet)	*5*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*5-8 fco loose wet red brown silty MEDIUM* *8-10 fco loose wet brown stony MEDIUM SAND*

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Boring Log

Record: 538	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*09:06:00*
End Date	*2017-07-27*
End Time	*09:20:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*24*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*48*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and silt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5, little concrete at 4-4.5*
Notes	*Sample 0-0.5 pcbs, 0.5-1.0 pcbs, 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*44*
PID (ppmv)	*1*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of medium to fine, wet, brown SAND and gravel, fuel oil odor at 8-8.5; 8.5-10 fill consisting of dark brown, coarse GRAVEL and medium sand. Slight fuel oil odor and staining*
Notes	*7.5-8 pcbs, 8-9 pah*

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Boring Log

Record: 535	
Boring Company	*Technical Drilling Services, Inc.*
Foreman	*Timothy Schiavone*
W&S Representative	*Will Sirotnak*
Start Date	*2017-07-27*
Start Time	*08:57:00*
End Date	*2017-07-27*
End Time	*09:08:00*
Project Name	*UI-English Station*
Project Number	*2170495*
AOC Number	*AOC-13*
Boring Number	*25*
Completion Depth	*10*
Boring Photo	
Notes	

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Samples	
Depth	*5*
Penetration (inches)	*60*
Recovery (inches)	*45*
PID (ppmv)	*0*
Sample Description & Classification (Modified Burmister)	*0-0.5 medium, brown SAND and silt; 0.5- 5.0 fill consisting of medium, brown SAND and Gravel. Damp at 4.5, little concrete at 4-4.5*
Notes	*Sample 0-0.5 pcbs, 0.5-1.0 pcbs, 1.5-2.0 pcbs*

Samples	
Depth	*10*
Penetration (inches)	*60*
Recovery (inches)	*50*
PID (ppmv)	*4.5*
Sample Description & Classification (Modified Burmister)	*5-8.5 fill consisting of medium to fine, wet, brown SAND and gravel, fuel oil odor at 8-8.5; 8.5-10 fill consisting of dark brown, coarse GRAVEL and medium sand. Slight fuel oil odor*
Notes	*7.5-8 pcbs, 8-9 etph*

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APPENDIX C

Analytical Data Reports (electronic)

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 23, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H0058

Enclosed are results of analyses for samples received by the laboratory on August 1, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/23/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H0058

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC9-SO-31-1	17H0058-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-31-2	17H0058-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-30-1	17H0058-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-30-2	17H0058-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-30-3A	17H0058-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-30-3B	17H0058-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC3-SO-1-1	17H0058-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC3-SO-1-2	17H0058-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SO-1-3	17H0058-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SO-2-1	17H0058-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC3-SO-2-2	17H0058-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/23/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H0058

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC3-SO-2-3	17H0058-12	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SO-2-4	17H0058-13	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC9-SO-48-1	17H0058-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-48-2	17H0058-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-48-3	17H0058-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-48-4A	17H0058-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-48-4B	17H0058-18	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC9-SO-47-1	17H0058-19	Soil		SM 2540G	
				SW-846 8082A	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CTDEP ETPH

Qualifications:

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

CT ETPH

17H0058-11[WS-AOC3-SO-2-2], B183688-MS2, B183688-MSD2

SW-846 6010C-D

Qualifications:

B

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:

Zinc

17H0058-08[WS-AOC3-SO-1-2], 17H0058-09[WS-AOC3-SO-1-3], 17H0058-11[WS-AOC3-SO-2-2], 17H0058-12[WS-AOC3-SO-2-3], 17H0058-13[WS-AOC3-SO-2-4], B183630-BLK1, B183630-BS1, B183630-BSD1, B183630-DUP1, B183630-MS1, B183630-MSD1

B-07

Data is not affected by elevated level in blank since sample result is >10x level found in the blank.

Analyte & Samples(s) Qualified:

Zinc

17H0058-08[WS-AOC3-SO-1-2], 17H0058-09[WS-AOC3-SO-1-3], 17H0058-11[WS-AOC3-SO-2-2], 17H0058-12[WS-AOC3-SO-2-3], 17H0058-13[WS-AOC3-SO-2-4], B183630-DUP1

L-10

The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be bias on the high side.

Analyte & Samples(s) Qualified:

Lead

17H0058-08[WS-AOC3-SO-1-2], 17H0058-09[WS-AOC3-SO-1-3], 17H0058-11[WS-AOC3-SO-2-2], 17H0058-12[WS-AOC3-SO-2-3], 17H0058-13[WS-AOC3-SO-2-4], B183630-DUP1, B183630-MRL1

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Antimony

17H0058-11[WS-AOC3-SO-2-2], B183630-MS1, B183630-MSD1

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Copper

B183630-MS1

Selenium

B183630-MS1

MS-23

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.

Analyte & Samples(s) Qualified:

Lead

17H0058-11[WS-AOC3-SO-2-2], B183630-MSD1

SW-846 8082A

Qualifications:

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
17H0058-01[WS-AOC9-SO-31-1], 17H0058-02[WS-AOC9-SO-31-2], 17H0058-14[WS-AOC9-SO-48-1], 17H0058-15[WS-AOC9-SO-48-2]

Decachlorobiphenyl [2C]
17H0058-01[WS-AOC9-SO-31-1], 17H0058-02[WS-AOC9-SO-31-2], 17H0058-14[WS-AOC9-SO-48-1], 17H0058-15[WS-AOC9-SO-48-2]

Tetrachloro-m-xylene
17H0058-01[WS-AOC9-SO-31-1], 17H0058-02[WS-AOC9-SO-31-2], 17H0058-14[WS-AOC9-SO-48-1], 17H0058-15[WS-AOC9-SO-48-2]

Tetrachloro-m-xylene [2C]
17H0058-01[WS-AOC9-SO-31-1], 17H0058-02[WS-AOC9-SO-31-2], 17H0058-14[WS-AOC9-SO-48-1], 17H0058-15[WS-AOC9-SO-48-2]

SW-846 8260C

Qualifications:

MS-07A

Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 1
17H0058-09[WS-AOC3-SO-1-3], B183325-MS1, B183325-MSD1

Naphthalene
17H0058-09[WS-AOC3-SO-1-3], B183325-MS1, B183325-MSD1

Tetrahydrofuran
17H0058-09[WS-AOC3-SO-1-3], B183325-MS1, B183325-MSD1

MS-24

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene
B183325-MSD1

1,2,4-Trichlorobenzene
B183325-MSD1

SW-846 8270D

Qualifications:

MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aniline
17H0058-11[WS-AOC3-SO-2-2], B183687-MS2, B183687-MSD2

Hexachlorocyclopentadiene
17H0058-11[WS-AOC3-SO-2-2], B183687-MS2, B183687-MSD2

Pyridine
17H0058-09[WS-AOC3-SO-1-3], 17H0058-11[WS-AOC3-SO-2-2], B183687-MS1, B183687-MS2, B183687-MSD1, B183687-MSD2

MS-22

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

Analyte & Samples(s) Qualified:

Aniline
B183687-MS1

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

17H0058-06[WS-AOC9-SO-30-3B]

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V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

17H0058-08[WS-AOC3-SO-1-2], 17H0058-09[WS-AOC3-SO-1-3], 17H0058-11[WS-AOC3-SO-2-2], 17H0058-12[WS-AOC3-SO-2-3], 17H0058-13[WS-AOC3-SO-2-4], B183687-BLK1, B183687-BS1, B183687-BSD1, B183687-MS1, B183687-MS2, B183687-MSD1, B183687-MSD2

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

SW-846 8270D

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-31-1 Sampled: 8/1/2017 09:50

Sample ID: 17H0058-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1221 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1232 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1242 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1248 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1254 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1260 [1]	5.2	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1262 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG
Aroclor-1268 [1]	ND	0.85	mg/Kg dry	40		SW-846 8082A	8/14/17	8/23/17 9:52	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/23/17 9:52
Decachlorobiphenyl [2]	*	30-150	S-01	8/23/17 9:52
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/23/17 9:52
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/23/17 9:52

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-31-1 Sampled: 8/1/2017 09:50

Sample ID: 17H0058-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-31-2 Sampled: 8/1/2017 09:51

Sample ID: 17H0058-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1221 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1232 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1242 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1248 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1254 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1260 [1]	18	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1262 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG
Aroclor-1268 [1]	ND	2.1	mg/Kg dry	100		SW-846 8082A	8/14/17	8/23/17 10:05	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/23/17 10:05
Decachlorobiphenyl [2]	*	30-150	S-01	8/23/17 10:05
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/23/17 10:05
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/23/17 10:05

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-31-2 Sampled: 8/1/2017 09:51

Sample ID: 17H0058-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-1 Sampled: 8/1/2017 09:40

Sample ID: 17H0058-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 3:59	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.8	30-150		8/23/17 3:59
Decachlorobiphenyl [2]	75.7	30-150		8/23/17 3:59
Tetrachloro-m-xylene [1]	84.4	30-150		8/23/17 3:59
Tetrachloro-m-xylene [2]	95.8	30-150		8/23/17 3:59

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-1 Sampled: 8/1/2017 09:40

Sample ID: 17H0058-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.6		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-2 Sampled: 8/1/2017 09:42

Sample ID: 17H0058-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:11	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	57.6	30-150		8/23/17 4:11
Decachlorobiphenyl [2]	68.9	30-150		8/23/17 4:11
Tetrachloro-m-xylene [1]	78.8	30-150		8/23/17 4:11
Tetrachloro-m-xylene [2]	86.9	30-150		8/23/17 4:11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-2 Sampled: 8/1/2017 09:42

Sample ID: 17H0058-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-3A Sampled: 8/1/2017 09:44

Sample ID: 17H0058-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1221 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1232 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1242 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1248 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1254 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1260 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1262 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG
Aroclor-1268 [1]	ND	0.31	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:24	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	69.9	30-150		8/23/17 4:24
Decachlorobiphenyl [2]	81.5	30-150		8/23/17 4:24
Tetrachloro-m-xylene [1]	84.8	30-150		8/23/17 4:24
Tetrachloro-m-xylene [2]	92.4	30-150		8/23/17 4:24

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-3A Sampled: 8/1/2017 09:44

Sample ID: 17H0058-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	64.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-3B Sampled: 8/1/2017 09:46

Sample ID: 17H0058-06

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Acenaphthylene	ND	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Anthracene	3.9	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Benzo(a)anthracene	9.1	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Benzo(a)pyrene	8.1	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Benzo(b)fluoranthene	8.3	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Benzo(g,h,i)perylene	4.2	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Benzo(k)fluoranthene	3.5	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Chrysene	7.5	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Dibenz(a,h)anthracene	ND	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Fluoranthene	21	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Fluorene	ND	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Indeno(1,2,3-cd)pyrene	4.1	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
2-Methylnaphthalene	ND	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Naphthalene	ND	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Phenanthrene	13	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL
Pyrene	18	1.4	mg/Kg dry	5		SW-846 8270D	8/9/17	8/14/17 16:21	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	61.9	30-130		8/14/17 16:21
2-Fluorobiphenyl	61.2	30-130		8/14/17 16:21
p-Terphenyl-d14	69.4	30-130		8/14/17 16:21

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-3B Sampled: 8/1/2017 09:46

Sample ID: 17H0058-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	380	85	mg/Kg dry	5		CTDEP ETPH	8/9/17	8/10/17 11:36	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	51.3	50-150		8/10/17 11:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-30-3B Sampled: 8/1/2017 09:46

Sample ID: 17H0058-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	58.7		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-1 Sampled: 8/1/2017 10:04

Sample ID: 17H0058-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1260 [2]	0.36	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:37	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.4	30-150		8/23/17 4:37
Decachlorobiphenyl [2]	78.4	30-150		8/23/17 4:37
Tetrachloro-m-xylene [1]	88.3	30-150		8/23/17 4:37
Tetrachloro-m-xylene [2]	98.1	30-150		8/23/17 4:37

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-1 Sampled: 8/1/2017 10:04

Sample ID: 17H0058-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.1		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Acrylonitrile	ND	0.0051	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Bromomethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
2-Butanone (MEK)	ND	0.034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Carbon Disulfide	ND	0.0051	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Chlorodibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Chloroform	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Chloromethane	ND	0.0084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2-Dibromoethane (EDB)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1-Dichloroethylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,3-Dichloropropane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
cis-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
trans-1,3-Dichloropropene	ND	0.00084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Naphthalene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.00084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Tetrahydrofuran	ND	0.0084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
Vinyl Chloride	ND	0.0084	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
m+p Xylene	ND	0.0034	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:37	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/4/17 8:37
Toluene-d8	91.3	70-130		8/4/17 8:37
4-Bromofluorobenzene	90.6	70-130		8/4/17 8:37

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Aniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Bis(2-chloroethoxy)methane	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Bis(2-chloroethyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Bis(2-chloroisopropyl)ether	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4-Bromophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Butylbenzylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Carbazole	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4-Chloroaniline	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4-Chloro-3-methylphenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2-Chloronaphthalene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2-Chlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4-Chlorophenylphenylether	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Dibenzofuran	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Di-n-butylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
3,3-Dichlorobenzidine	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,4-Dichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Diethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,4-Dimethylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Dimethylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4,6-Dinitro-2-methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,4-Dinitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,4-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,6-Dinitrotoluene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Di-n-octylphthalate	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Hexachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Hexachlorobutadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Hexachlorocyclopentadiene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Hexachloroethane	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Isophorone	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
3/4-Methylphenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
3-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4-Nitroaniline	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Nitrobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2-Nitrophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
4-Nitrophenol	ND	0.78	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
N-Nitrosodiphenylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
N-Nitrosodi-n-propylamine	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Pentachloronitrobenzene	ND	0.40	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Pentachlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Phenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
Pyridine	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
1,2,4-Trichlorobenzene	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,4,5-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL
2,4,6-Trichlorophenol	ND	0.40	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 10:44	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	60.7	30-130		8/10/17 10:44
Phenol-d6	56.9	30-130		8/10/17 10:44
Nitrobenzene-d5	68.4	30-130		8/10/17 10:44
2-Fluorobiphenyl	70.1	30-130		8/10/17 10:44
2,4,6-Tribromophenol	72.8	30-130		8/10/17 10:44
p-Terphenyl-d14	78.1	30-130		8/10/17 10:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1260 [2]	0.15	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 4:49	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.9	30-150		8/23/17 4:49
Decachlorobiphenyl [2]	78.7	30-150		8/23/17 4:49
Tetrachloro-m-xylene [1]	85.6	30-150		8/23/17 4:49
Tetrachloro-m-xylene [2]	97.3	30-150		8/23/17 4:49

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	120	59	mg/Kg dry	5		CTDEP ETPH	8/9/17	8/10/17 11:54	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	67.4	50-150		8/10/17 11:54

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Barium	45	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Cadmium	0.29	0.29	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Chromium	13	0.57	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Copper	69	0.57	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Lead	15	0.86	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Mercury	ND	0.030	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:10	SCB
Nickel	15	0.57	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Selenium	ND	5.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Silver	ND	0.57	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Vanadium	34	1.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW
Zinc	150	1.1	mg/Kg dry	1	B-07, B	SW-846 6010C-D	8/8/17	8/9/17 15:52	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H0058-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Acrylonitrile	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Benzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Bromobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Bromodichloromethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Bromoform	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Bromomethane	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
2-Butanone (MEK)	ND	0.024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
n-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
sec-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
tert-Butylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Carbon Disulfide	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Carbon Tetrachloride	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Chlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Chlorodibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Chloroethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Chloroform	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Chloromethane	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
2-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
4-Chlorotoluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Dibromomethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,3-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,4-Dichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
trans-1,4-Dichloro-2-butene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.012	mg/Kg dry	1	MS-07A	SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2-Dichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1-Dichloroethylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
cis-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
trans-1,2-Dichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,3-Dichloropropane	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
2,2-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
cis-1,3-Dichloropropene	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
trans-1,3-Dichloropropene	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Ethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Hexachlorobutadiene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
2-Hexanone (MBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Isopropylbenzene (Cumene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Methylene Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Naphthalene	ND	0.0024	mg/Kg dry	1	MS-07A	SW-846 8260C	8/4/17	8/4/17 8:11	MFF
n-Propylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Styrene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.00059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Tetrachloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Tetrahydrofuran	ND	0.0059	mg/Kg dry	1	MS-07A	SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Toluene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2,3-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2,4-Trichlorobenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1,1-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1,2-Trichloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Trichloroethylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2,3-Trichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,2,4-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
1,3,5-Trimethylbenzene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
Vinyl Chloride	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
m+p Xylene	ND	0.0024	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF
o-Xylene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 8:11	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	94.0	70-130		8/4/17 8:11
Toluene-d8	90.6	70-130		8/4/17 8:11
4-Bromofluorobenzene	94.4	70-130		8/4/17 8:11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Aniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Bis(2-chloroethoxy)methane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Bis(2-chloroethyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Bis(2-chloroisopropyl)ether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4-Bromophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Butylbenzylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4-Chloroaniline	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4-Chloro-3-methylphenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2-Chloronaphthalene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2-Chlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4-Chlorophenylphenylether	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Dibenzofuran	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Di-n-butylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,4-Dichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Diethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,4-Dimethylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Dimethylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4,6-Dinitro-2-methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,4-Dinitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,4-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,6-Dinitrotoluene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Di-n-octylphthalate	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Hexachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Hexachlorobutadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Hexachlorocyclopentadiene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Hexachloroethane	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Isophorone	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
3/4-Methylphenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
3-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4-Nitroaniline	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Nitrobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2-Nitrophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
4-Nitrophenol	ND	0.72	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
N-Nitrosodiphenylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
N-Nitrosodi-n-propylamine	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Pentachloronitrobenzene	ND	0.37	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Pentachlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Phenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
Pyridine	ND	0.37	mg/Kg dry	1	MS-09	SW-846 8270D	8/9/17	8/10/17 11:07	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
1,2,4-Trichlorobenzene	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,4,5-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL
2,4,6-Trichlorophenol	ND	0.37	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:07	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	69.3	30-130		8/10/17 11:07
Phenol-d6	65.5	30-130		8/10/17 11:07
Nitrobenzene-d5	76.5	30-130		8/10/17 11:07
2-Fluorobiphenyl	82.1	30-130		8/10/17 11:07
2,4,6-Tribromophenol	85.6	30-130		8/10/17 11:07
p-Terphenyl-d14	92.7	30-130		8/10/17 11:07

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:40	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	73.1	30-150		8/23/17 5:40
Decachlorobiphenyl [2]	83.3	30-150		8/23/17 5:40
Tetrachloro-m-xylene [1]	90.1	30-150		8/23/17 5:40
Tetrachloro-m-xylene [2]	98.2	30-150		8/23/17 5:40

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	14	11	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 8:02	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	53.6	50-150		8/10/17 8:02

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Arsenic	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Barium	48	2.6	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Chromium	16	0.53	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Copper	110	0.53	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Lead	8.9	0.79	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Mercury	0.030	0.027	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:12	SCB
Nickel	20	0.53	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Vanadium	48	1.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW
Zinc	54	1.1	mg/Kg dry	1	B-07, B	SW-846 6010C-D	8/8/17	8/9/17 15:56	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H0058-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-1 Sampled: 8/1/2017 10:26

Sample ID: 17H0058-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1260 [2]	0.24	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 5:52	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	77.4	30-150		8/23/17 5:52
Decachlorobiphenyl [2]	87.8	30-150		8/23/17 5:52
Tetrachloro-m-xylene [1]	94.5	30-150		8/23/17 5:52
Tetrachloro-m-xylene [2]	104	30-150		8/23/17 5:52

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-1 Sampled: 8/1/2017 10:26

Sample ID: 17H0058-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.5		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Acrylonitrile	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Bromomethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Carbon Disulfide	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Chlorodibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Chloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Chloromethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2-Dibromoethane (EDB)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
trans-1,4-Dichloro-2-butene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,3-Dichloropropane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
cis-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
trans-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Methylene Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Naphthalene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Tetrahydrofuran	ND	0.0072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
Vinyl Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:21	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	93.8	70-130		8/4/17 10:21
Toluene-d8	91.7	70-130		8/4/17 10:21
4-Bromofluorobenzene	91.2	70-130		8/4/17 10:21

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Acenaphthylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Aniline	ND	0.36	mg/Kg dry	1	MS-09	SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Benzo(a)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Benzo(a)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Benzo(b)fluoranthene	0.22	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Benzo(g,h,i)perylene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Benzo(k)fluoranthene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Bis(2-chloroethoxy)methane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Bis(2-chloroethyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Bis(2-chloroisopropyl)ether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4-Bromophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Butylbenzylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Carbazole	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4-Chloroaniline	ND	0.69	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4-Chloro-3-methylphenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2-Chloronaphthalene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2-Chlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4-Chlorophenylphenylether	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Chrysene	0.18	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Dibenz(a,h)anthracene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Dibenzofuran	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Di-n-butylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
3,3-Dichlorobenzidine	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,4-Dichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Diethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,4-Dimethylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Dimethylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4,6-Dinitro-2-methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,4-Dinitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,4-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,6-Dinitrotoluene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Di-n-octylphthalate	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Fluoranthene	0.28	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Fluorene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Hexachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Hexachlorobutadiene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Hexachlorocyclopentadiene	ND	0.36	mg/Kg dry	1	MS-09	SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Hexachloroethane	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Indeno(1,2,3-cd)pyrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Isophorone	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2-Methylnaphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
3/4-Methylphenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Naphthalene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
3-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4-Nitroaniline	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Nitrobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2-Nitrophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
4-Nitrophenol	ND	0.69	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
N-Nitrosodiphenylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
N-Nitrosodi-n-propylamine	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Pentachloronitrobenzene	ND	0.36	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Pentachlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Phenanthrene	ND	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Phenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Pyrene	0.31	0.18	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
Pyridine	ND	0.36	mg/Kg dry	1	MS-09	SW-846 8270D	8/9/17	8/10/17 11:30	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
1,2,4-Trichlorobenzene	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,4,5-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL
2,4,6-Trichlorophenol	ND	0.36	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:30	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	72.1	30-130		8/10/17 11:30
Phenol-d6	70.2	30-130		8/10/17 11:30
Nitrobenzene-d5	81.4	30-130		8/10/17 11:30
2-Fluorobiphenyl	90.8	30-130		8/10/17 11:30
2,4,6-Tribromophenol	102	30-130		8/10/17 11:30
p-Terphenyl-d14	117	30-130		8/10/17 11:30

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:05	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.5	30-150		8/23/17 6:05
Decachlorobiphenyl [2]	81.7	30-150		8/23/17 6:05
Tetrachloro-m-xylene [1]	85.3	30-150		8/23/17 6:05
Tetrachloro-m-xylene [2]	94.5	30-150		8/23/17 6:05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	11	11	mg/Kg dry	1	R-06	CTDEP ETPH	8/9/17	8/10/17 8:20	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	54.8	50-150		8/10/17 8:20

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.5	mg/Kg dry	1	MS-07A	SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Barium	35	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Beryllium	0.32	0.25	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Cadmium	0.46	0.25	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Chromium	8.2	0.51	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Copper	42	0.51	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Lead	24	0.76	mg/Kg dry	1	L-10, MS-23	SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Mercury	0.060	0.026	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 10:56	SCB
Nickel	9.6	0.51	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Silver	ND	0.51	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Vanadium	31	1.0	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW
Zinc	42	1.0	mg/Kg dry	1	B-07, B	SW-846 6010C-D	8/8/17	8/9/17 15:48	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H0058-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Acrylonitrile	ND	0.0074	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
2-Butanone (MEK)	ND	0.049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Carbon Disulfide	0.0098	0.0074	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Chlorodibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Chloroform	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1-Dichloroethylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Naphthalene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
m+p Xylene	ND	0.0049	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 10:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.0	70-130		8/4/17 10:48
Toluene-d8	93.2	70-130		8/4/17 10:48
4-Bromofluorobenzene	85.8	70-130		8/4/17 10:48

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Acenaphthylene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Aniline	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Anthracene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Benzo(a)anthracene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Benzo(a)pyrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Benzo(b)fluoranthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Benzo(g,h,i)perylene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Benzo(k)fluoranthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Bis(2-chloroethoxy)methane	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Bis(2-chloroethyl)ether	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Bis(2-chloroisopropyl)ether	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4-Bromophenylphenylether	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Butylbenzylphthalate	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Carbazole	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4-Chloroaniline	ND	1.1	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4-Chloro-3-methylphenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2-Chloronaphthalene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2-Chlorophenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4-Chlorophenylphenylether	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Chrysene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Dibenz(a,h)anthracene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Dibenzofuran	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Di-n-butylphthalate	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
3,3-Dichlorobenzidine	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,4-Dichlorophenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Diethylphthalate	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,4-Dimethylphenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Dimethylphthalate	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4,6-Dinitro-2-methylphenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,4-Dinitrophenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,4-Dinitrotoluene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,6-Dinitrotoluene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Di-n-octylphthalate	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Fluoranthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Fluorene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Hexachlorobenzene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Hexachlorobutadiene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Hexachlorocyclopentadiene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Hexachloroethane	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Indeno(1,2,3-cd)pyrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Isophorone	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2-Methylnaphthalene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
3/4-Methylphenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Naphthalene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2-Nitroaniline	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
3-Nitroaniline	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4-Nitroaniline	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Nitrobenzene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2-Nitrophenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
4-Nitrophenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
N-Nitrosodiphenylamine	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
N-Nitrosodi-n-propylamine	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Pentachloronitrobenzene	ND	0.59	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Pentachlorophenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Phenanthrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Phenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Pyrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
Pyridine	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
1,2,4-Trichlorobenzene	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,4,5-Trichlorophenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL
2,4,6-Trichlorophenol	ND	0.59	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 11:54	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	74.1	30-130		8/10/17 11:54
Phenol-d6	72.4	30-130		8/10/17 11:54
Nitrobenzene-d5	81.5	30-130		8/10/17 11:54
2-Fluorobiphenyl	83.6	30-130		8/10/17 11:54
2,4,6-Tribromophenol	94.7	30-130		8/10/17 11:54
p-Terphenyl-d14	98.5	30-130		8/10/17 11:54

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1221 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1232 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1242 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1248 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1254 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1260 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1262 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG
Aroclor-1268 [1]	ND	0.17	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:18	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.9	30-150		8/23/17 6:18
Decachlorobiphenyl [2]	80.2	30-150		8/23/17 6:18
Tetrachloro-m-xylene [1]	85.6	30-150		8/23/17 6:18
Tetrachloro-m-xylene [2]	94.3	30-150		8/23/17 6:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	40	17	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 9:13	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	50.5	50-150		8/10/17 9:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	4.4	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Arsenic	6.6	4.4	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Barium	48	4.4	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Beryllium	0.93	0.44	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Cadmium	0.49	0.44	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Chromium	38	0.87	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Copper	17	0.87	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Lead	9.7	1.3	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Mercury	0.047	0.042	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:15	SCB
Nickel	19	0.87	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Selenium	ND	8.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Silver	ND	0.87	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Thallium	ND	4.4	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Vanadium	42	1.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW
Zinc	68	1.7	mg/Kg dry	1	B-07, B	SW-846 6010C-D	8/8/17	8/9/17 16:01	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H0058-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.6		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Acrylonitrile	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Benzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Bromobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Bromodichloromethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Bromoform	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Bromomethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
2-Butanone (MEK)	ND	0.050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
n-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
sec-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
tert-Butylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Carbon Disulfide	ND	0.0075	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Carbon Tetrachloride	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Chlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Chlorodibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Chloroethane	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Chloroform	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Chloromethane	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
2-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
4-Chlorotoluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2-Dibromoethane (EDB)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Dibromomethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,3-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,4-Dichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2-Dichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1-Dichloroethylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
cis-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
trans-1,2-Dichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,3-Dichloropropane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
2,2-Dichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1-Dichloropropene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
cis-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
trans-1,3-Dichloropropene	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Ethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Hexachlorobutadiene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
2-Hexanone (MBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Isopropylbenzene (Cumene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Methylene Chloride	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Naphthalene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
n-Propylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Styrene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Tetrachloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Tetrahydrofuran	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Toluene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2,3-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2,4-Trichlorobenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1,1-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1,2-Trichloroethane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Trichloroethylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2,3-Trichloropropane	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,2,4-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
1,3,5-Trimethylbenzene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
Vinyl Chloride	ND	0.012	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
m+p Xylene	ND	0.0050	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF
o-Xylene	ND	0.0025	mg/Kg dry	1		SW-846 8260C	8/4/17	8/4/17 11:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	92.4	70-130		8/4/17 11:15
Toluene-d8	93.0	70-130		8/4/17 11:15
4-Bromofluorobenzene	89.5	70-130		8/4/17 11:15

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Acenaphthylene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Aniline	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Anthracene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Benzo(a)anthracene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Benzo(a)pyrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Benzo(b)fluoranthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Benzo(g,h,i)perylene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Benzo(k)fluoranthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Bis(2-chloroethoxy)methane	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Bis(2-chloroethyl)ether	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Bis(2-chloroisopropyl)ether	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4-Bromophenylphenylether	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Butylbenzylphthalate	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Carbazole	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4-Chloroaniline	ND	1.2	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4-Chloro-3-methylphenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2-Chloronaphthalene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2-Chlorophenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4-Chlorophenylphenylether	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Chrysene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Dibenz(a,h)anthracene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Dibenzofuran	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Di-n-butylphthalate	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
3,3-Dichlorobenzidine	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,4-Dichlorophenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Diethylphthalate	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,4-Dimethylphenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Dimethylphthalate	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4,6-Dinitro-2-methylphenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,4-Dinitrophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,4-Dinitrotoluene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,6-Dinitrotoluene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Di-n-octylphthalate	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Fluoranthene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Fluorene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Hexachlorobenzene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Hexachlorobutadiene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Hexachlorocyclopentadiene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Hexachloroethane	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Indeno(1,2,3-cd)pyrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Isophorone	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2-Methylnaphthalene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
3/4-Methylphenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Naphthalene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2-Nitroaniline	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
3-Nitroaniline	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4-Nitroaniline	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Nitrobenzene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2-Nitrophenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
4-Nitrophenol	ND	1.2	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
N-Nitrosodiphenylamine	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
N-Nitrosodi-n-propylamine	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Pentachloronitrobenzene	ND	0.60	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Pentachlorophenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Phenanthrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Phenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Pyrene	ND	0.30	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
Pyridine	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
1,2,4-Trichlorobenzene	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,4,5-Trichlorophenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL
2,4,6-Trichlorophenol	ND	0.60	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 12:17	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	76.3	30-130		8/10/17 12:17
Phenol-d6	74.7	30-130		8/10/17 12:17
Nitrobenzene-d5	85.4	30-130		8/10/17 12:17
2-Fluorobiphenyl	79.0	30-130		8/10/17 12:17
2,4,6-Tribromophenol	93.6	30-130		8/10/17 12:17
p-Terphenyl-d14	83.3	30-130		8/10/17 12:17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1221 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1232 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1242 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1248 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1254 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1260 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1262 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG
Aroclor-1268 [1]	ND	0.18	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 6:30	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.9	30-150		8/23/17 6:30
Decachlorobiphenyl [2]	72.3	30-150		8/23/17 6:30
Tetrachloro-m-xylene [1]	76.0	30-150		8/23/17 6:30
Tetrachloro-m-xylene [2]	84.4	30-150		8/23/17 6:30

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	37	18	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 9:31	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	59.9	50-150		8/10/17 9:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	4.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Arsenic	7.9	4.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Barium	43	4.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Beryllium	0.85	0.43	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Cadmium	ND	0.43	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Chromium	36	0.86	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Copper	16	0.86	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Lead	10	1.3	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Mercury	ND	0.044	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:17	SCB
Nickel	19	0.86	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Selenium	ND	8.6	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Silver	ND	0.86	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Thallium	ND	4.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Vanadium	41	1.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW
Zinc	65	1.7	mg/Kg dry	1	B-07, B	SW-846 6010C-D	8/8/17	8/9/17 16:04	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H0058-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-1 Sampled: 8/1/2017 10:40

Sample ID: 17H0058-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1221 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1232 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1242 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1248 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1254 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1260 [2]	3.9	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1262 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG
Aroclor-1268 [1]	ND	1.0	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:18	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/23/17 10:18
Decachlorobiphenyl [2]	*	30-150	S-01	8/23/17 10:18
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/23/17 10:18
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/23/17 10:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-1 Sampled: 8/1/2017 10:40

Sample ID: 17H0058-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.7		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-2 Sampled: 8/1/2017 10:42

Sample ID: 17H0058-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1260 [2]	6.3	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/14/17	8/23/17 10:30	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/23/17 10:30
Decachlorobiphenyl [2]	*	30-150	S-01	8/23/17 10:30
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/23/17 10:30
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/23/17 10:30

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-2 Sampled: 8/1/2017 10:42

Sample ID: 17H0058-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.2		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-3 Sampled: 8/1/2017 10:44

Sample ID: 17H0058-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1221 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1232 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1242 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1248 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1254 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1260 [2]	87	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1262 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG
Aroclor-1268 [1]	ND	13	mg/Kg dry	500		SW-846 8082A	8/14/17	8/23/17 10:43	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	89.0	30-150		8/23/17 10:43
Decachlorobiphenyl [2]	131	30-150		8/23/17 10:43
Tetrachloro-m-xylene [1]	97.0	30-150		8/23/17 10:43
Tetrachloro-m-xylene [2]	132	30-150		8/23/17 10:43

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-3 Sampled: 8/1/2017 10:44

Sample ID: 17H0058-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	74.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-4A Sampled: 8/1/2017 10:46

Sample ID: 17H0058-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1221 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1232 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1242 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1248 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1254 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1260 [2]	0.38	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1262 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG
Aroclor-1268 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:21	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	69.9	30-150		8/23/17 7:21
Decachlorobiphenyl [2]	87.0	30-150		8/23/17 7:21
Tetrachloro-m-xylene [1]	79.8	30-150		8/23/17 7:21
Tetrachloro-m-xylene [2]	91.8	30-150		8/23/17 7:21

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-4A Sampled: 8/1/2017 10:46

Sample ID: 17H0058-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	61.2		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-4B Sampled: 8/1/2017 10:48

Sample ID: 17H0058-18

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Acenaphthylene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Anthracene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Benzo(a)anthracene	0.62	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Benzo(a)pyrene	0.56	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Benzo(b)fluoranthene	0.59	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Benzo(g,h,i)perylene	0.37	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Benzo(k)fluoranthene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Chrysene	0.48	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Dibenz(a,h)anthracene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Fluoranthene	1.2	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Fluorene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Indeno(1,2,3-cd)pyrene	0.39	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
2-Methylnaphthalene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Naphthalene	ND	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Phenanthrene	0.43	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL
Pyrene	1.3	0.34	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 0:27	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	73.7	30-130		8/11/17 0:27
2-Fluorobiphenyl	61.4	30-130		8/11/17 0:27
p-Terphenyl-d14	57.1	30-130		8/11/17 0:27

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-4B Sampled: 8/1/2017 10:48

Sample ID: 17H0058-18

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	260	100	mg/Kg dry	5		CTDEP ETPH	8/9/17	8/10/17 12:12	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	55.5	50-150		8/10/17 12:12

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-48-4B Sampled: 8/1/2017 10:48

Sample ID: 17H0058-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	49.7		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-1 Sampled: 8/1/2017 11:00

Sample ID: 17H0058-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 7:33	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.4	30-150		8/23/17 7:33
Decachlorobiphenyl [2]	77.7	30-150		8/23/17 7:33
Tetrachloro-m-xylene [1]	85.4	30-150		8/23/17 7:33
Tetrachloro-m-xylene [2]	95.3	30-150		8/23/17 7:33

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0058

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-1 Sampled: 8/1/2017 11:00

Sample ID: 17H0058-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0058-06 [WS-AOC9-SO-30-3B]	B183688	30.0	1.00	08/09/17
17H0058-08 [WS-AOC3-SO-1-2]	B183688	30.0	1.00	08/09/17
17H0058-09 [WS-AOC3-SO-1-3]	B183688	30.0	1.00	08/09/17
17H0058-11 [WS-AOC3-SO-2-2]	B183688	30.0	1.00	08/09/17
17H0058-12 [WS-AOC3-SO-2-3]	B183688	30.0	1.00	08/09/17
17H0058-13 [WS-AOC3-SO-2-4]	B183688	30.0	1.00	08/09/17
17H0058-18 [WS-AOC9-SO-48-4B]	B183688	30.3	1.00	08/09/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H0058-01 [WS-AOC9-SO-31-1]	B183482	08/07/17
17H0058-02 [WS-AOC9-SO-31-2]	B183482	08/07/17
17H0058-03 [WS-AOC9-SO-30-1]	B183482	08/07/17
17H0058-04 [WS-AOC9-SO-30-2]	B183482	08/07/17
17H0058-05 [WS-AOC9-SO-30-3A]	B183482	08/07/17
17H0058-06 [WS-AOC9-SO-30-3B]	B183482	08/07/17
17H0058-07 [WS-AOC3-SO-1-1]	B183482	08/07/17
17H0058-08 [WS-AOC3-SO-1-2]	B183482	08/07/17
17H0058-09 [WS-AOC3-SO-1-3]	B183482	08/07/17
17H0058-10 [WS-AOC3-SO-2-1]	B183482	08/07/17
17H0058-11 [WS-AOC3-SO-2-2]	B183482	08/07/17
17H0058-12 [WS-AOC3-SO-2-3]	B183482	08/07/17
17H0058-13 [WS-AOC3-SO-2-4]	B183482	08/07/17
17H0058-14 [WS-AOC9-SO-48-1]	B183482	08/07/17
17H0058-15 [WS-AOC9-SO-48-2]	B183482	08/07/17
17H0058-16 [WS-AOC9-SO-48-3]	B183482	08/07/17
17H0058-17 [WS-AOC9-SO-48-4A]	B183482	08/07/17
17H0058-18 [WS-AOC9-SO-48-4B]	B183482	08/07/17
17H0058-19 [WS-AOC9-SO-47-1]	B183482	08/07/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0058-08 [WS-AOC3-SO-1-2]	B183630	1.04	50.0	08/08/17
17H0058-09 [WS-AOC3-SO-1-3]	B183630	1.04	50.0	08/08/17
17H0058-11 [WS-AOC3-SO-2-2]	B183630	1.04	50.0	08/08/17
17H0058-12 [WS-AOC3-SO-2-3]	B183630	0.995	50.0	08/08/17
17H0058-13 [WS-AOC3-SO-2-4]	B183630	1.02	50.0	08/08/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0058-08 [WS-AOC3-SO-1-2]	B183537	0.601	50.0	08/08/17
17H0058-09 [WS-AOC3-SO-1-3]	B183537	0.600	50.0	08/08/17
17H0058-11 [WS-AOC3-SO-2-2]	B183537	0.617	50.0	08/08/17
17H0058-12 [WS-AOC3-SO-2-3]	B183537	0.614	50.0	08/08/17
17H0058-13 [WS-AOC3-SO-2-4]	B183537	0.604	50.0	08/08/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0058-01 [WS-AOC9-SO-31-1]	B184001	10.0	10.0	08/14/17
17H0058-02 [WS-AOC9-SO-31-2]	B184001	10.0	10.0	08/14/17
17H0058-03 [WS-AOC9-SO-30-1]	B184001	10.0	10.0	08/14/17
17H0058-04 [WS-AOC9-SO-30-2]	B184001	10.0	10.0	08/14/17
17H0058-05 [WS-AOC9-SO-30-3A]	B184001	5.10	10.0	08/14/17
17H0058-07 [WS-AOC3-SO-1-1]	B184001	10.1	10.0	08/14/17
17H0058-08 [WS-AOC3-SO-1-2]	B184001	10.0	10.0	08/14/17
17H0058-09 [WS-AOC3-SO-1-3]	B184001	10.1	10.0	08/14/17
17H0058-10 [WS-AOC3-SO-2-1]	B184001	10.1	10.0	08/14/17
17H0058-11 [WS-AOC3-SO-2-2]	B184001	10.0	10.0	08/14/17
17H0058-12 [WS-AOC3-SO-2-3]	B184001	10.2	10.0	08/14/17
17H0058-13 [WS-AOC3-SO-2-4]	B184001	10.0	10.0	08/14/17
17H0058-14 [WS-AOC9-SO-48-1]	B184001	10.0	10.0	08/14/17
17H0058-15 [WS-AOC9-SO-48-2]	B184001	10.0	10.0	08/14/17
17H0058-16 [WS-AOC9-SO-48-3]	B184001	10.1	10.0	08/14/17
17H0058-17 [WS-AOC9-SO-48-4A]	B184001	10.1	10.0	08/14/17
17H0058-19 [WS-AOC9-SO-47-1]	B184001	10.0	10.0	08/14/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0058-08 [WS-AOC3-SO-1-2]	B183325	7.02	10.0	08/04/17
17H0058-09 [WS-AOC3-SO-1-3]	B183325	9.24	10.0	08/04/17
17H0058-11 [WS-AOC3-SO-2-2]	B183325	7.31	10.0	08/04/17
17H0058-12 [WS-AOC3-SO-2-3]	B183325	7.02	10.0	08/04/17
17H0058-13 [WS-AOC3-SO-2-4]	B183325	7.05	10.0	08/04/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0058-06 [WS-AOC9-SO-30-3B]	B183687	30.0	1.00	08/09/17
17H0058-08 [WS-AOC3-SO-1-2]	B183687	30.0	1.00	08/09/17
17H0058-09 [WS-AOC3-SO-1-3]	B183687	30.0	1.00	08/09/17
17H0058-11 [WS-AOC3-SO-2-2]	B183687	30.0	1.00	08/09/17
17H0058-12 [WS-AOC3-SO-2-3]	B183687	30.0	1.00	08/09/17
17H0058-13 [WS-AOC3-SO-2-4]	B183687	30.0	1.00	08/09/17
17H0058-18 [WS-AOC9-SO-48-4B]	B183687	30.0	1.00	08/09/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183325 - SW-846 5035										
Blank (B183325-BLK1)				Prepared & Analyzed: 08/04/17						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183325 - SW-846 5035										
Blank (B183325-BLK1)				Prepared & Analyzed: 08/04/17						
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0468*		mg/Kg wet	0.0500		93.6	70-130			
Surrogate: Toluene-d8	*0.0463*		mg/Kg wet	0.0500		92.5	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0471*		mg/Kg wet	0.0500		94.2	70-130			
LCS (B183325-BS1)				Prepared & Analyzed: 08/04/17						
Acetone	0.219	0.10	mg/Kg wet	0.200		109	70-130			
Acrylonitrile	0.0198	0.0060	mg/Kg wet	0.0200		98.9	70-130			
Benzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7	70-130			
Bromobenzene	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
Bromodichloromethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Bromoform	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Bromomethane	0.0211	0.010	mg/Kg wet	0.0200		106	70-130			
2-Butanone (MEK)	0.222	0.040	mg/Kg wet	0.200		111	70-130			
n-Butylbenzene	0.0201	0.0020	mg/Kg wet	0.0200		101	70-130			
sec-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.5	70-130			
tert-Butylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100	70-130			
Carbon Disulfide	0.214	0.0060	mg/Kg wet	0.200		107	70-130			
Carbon Tetrachloride	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130			
Chlorobenzene	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
Chlorodibromomethane	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130			
Chloroethane	0.0189	0.020	mg/Kg wet	0.0200		94.3	70-130			
Chloroform	0.0203	0.0040	mg/Kg wet	0.0200		101	70-130			
Chloromethane	0.0207	0.010	mg/Kg wet	0.0200		104	70-130			
2-Chlorotoluene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
4-Chlorotoluene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0195	0.0020	mg/Kg wet	0.0200		97.3	70-130			
1,2-Dibromoethane (EDB)	0.0214	0.0010	mg/Kg wet	0.0200		107	70-130			
Dibromomethane	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130			
1,2-Dichlorobenzene	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
1,3-Dichlorobenzene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
1,4-Dichlorobenzene	0.0215	0.0020	mg/Kg wet	0.0200		107	70-130			
trans-1,4-Dichloro-2-butene	0.0167	0.0040	mg/Kg wet	0.0200		83.7	70-130			
Dichlorodifluoromethane (Freon 12)	0.0221	0.020	mg/Kg wet	0.0200		110	70-130			
1,1-Dichloroethane	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1-Dichloroethylene	0.0193	0.0040	mg/Kg wet	0.0200		96.3	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183325 - SW-846 5035										
LCS (B183325-BS1)				Prepared & Analyzed: 08/04/17						
cis-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		99.8	70-130			
trans-1,2-Dichloroethylene	0.0190	0.0020	mg/Kg wet	0.0200		94.9	70-130			
1,2-Dichloropropane	0.0192	0.0020	mg/Kg wet	0.0200		95.9	70-130			
1,3-Dichloropropane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130			
2,2-Dichloropropane	0.0174	0.0020	mg/Kg wet	0.0200		86.9	70-130			
1,1-Dichloropropene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
cis-1,3-Dichloropropene	0.0208	0.0010	mg/Kg wet	0.0200		104	70-130			
trans-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.0200		98.9	70-130			
Ethylbenzene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130			
Hexachlorobutadiene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
2-Hexanone (MBK)	0.225	0.020	mg/Kg wet	0.200		113	70-130			
Isopropylbenzene (Cumene)	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
p-Isopropyltoluene (p-Cymene)	0.0204	0.0020	mg/Kg wet	0.0200		102	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0189	0.0040	mg/Kg wet	0.0200		94.7	70-130			
Methylene Chloride	0.0205	0.020	mg/Kg wet	0.0200		102	70-130			
4-Methyl-2-pentanone (MIBK)	0.219	0.020	mg/Kg wet	0.200		110	70-130			
Naphthalene	0.0185	0.0040	mg/Kg wet	0.0200		92.3	70-130			
n-Propylbenzene	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
Styrene	0.0221	0.0020	mg/Kg wet	0.0200		110	70-130			
1,1,1,2-Tetrachloroethane	0.0216	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,2,2-Tetrachloroethane	0.0217	0.0010	mg/Kg wet	0.0200		109	70-130			
Tetrachloroethylene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Tetrahydrofuran	0.0189	0.010	mg/Kg wet	0.0200		94.3	70-130			
Toluene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
1,2,3-Trichlorobenzene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
1,2,4-Trichlorobenzene	0.0199	0.0020	mg/Kg wet	0.0200		99.4	70-130			
1,1,1-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130			
Trichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
Trichlorofluoromethane (Freon 11)	0.0217	0.010	mg/Kg wet	0.0200		108	70-130			
1,2,3-Trichloropropane	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0207	0.010	mg/Kg wet	0.0200		104	70-130			
1,2,4-Trimethylbenzene	0.0196	0.0020	mg/Kg wet	0.0200		98.2	70-130			
1,3,5-Trimethylbenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
Vinyl Chloride	0.0194	0.010	mg/Kg wet	0.0200		96.8	70-130			
m+p Xylene	0.0435	0.0040	mg/Kg wet	0.0400		109	70-130			
o-Xylene	0.0214	0.0020	mg/Kg wet	0.0200		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0457*		mg/Kg wet	0.0500		91.4	70-130			
Surrogate: Toluene-d8	*0.0460*		mg/Kg wet	0.0500		92.0	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0506*		mg/Kg wet	0.0500		101	70-130			
Matrix Spike (B183325-MS1)		**Source: 17H0058-09**		Prepared & Analyzed: 08/04/17						
Acetone	0.0909	0.062	mg/Kg dry	0.124	ND	73.0	70-130			
Acrylonitrile	0.00919	0.0037	mg/Kg dry	0.0124	ND	73.8	70-130			
Benzene	0.0116	0.0012	mg/Kg dry	0.0124	ND	93.3	70-130			
Bromobenzene	0.0118	0.0012	mg/Kg dry	0.0124	ND	94.9	70-130			
Bromodichloromethane	0.0130	0.0012	mg/Kg dry	0.0124	ND	104	70-130			
Bromoform	0.0110	0.0012	mg/Kg dry	0.0124	ND	88.5	70-130			
Bromomethane	0.00945	0.0062	mg/Kg dry	0.0124	ND	75.9	70-130			
2-Butanone (MEK)	0.0899	0.025	mg/Kg dry	0.124	ND	72.2	70-130			
n-Butylbenzene	0.0122	0.0012	mg/Kg dry	0.0124	ND	98.0	70-130			
sec-Butylbenzene	0.0120	0.0012	mg/Kg dry	0.0124	ND	96.4	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183325 - SW-846 5035											
Matrix Spike (B183325-MS1)		**Source: 17H0058-09**		Prepared & Analyzed: 08/04/17							
tert-Butylbenzene	0.0116	0.0012	mg/Kg dry	0.0124	ND	93.3		70-130			
Carbon Disulfide	0.0116	0.0037	mg/Kg dry	0.0124	ND	93.0		70-130			
Carbon Tetrachloride	0.0121	0.0012	mg/Kg dry	0.0124	ND	97.2		70-130			
Chlorobenzene	0.0125	0.0012	mg/Kg dry	0.0124	ND	101		70-130			
Chlorodibromomethane	0.0124	0.00062	mg/Kg dry	0.0124	ND	99.6		70-130			
Chloroethane	0.0106	0.012	mg/Kg dry	0.0124	ND	84.9		70-130			
Chloroform	0.0119	0.0025	mg/Kg dry	0.0124	ND	95.8		70-130			
Chloromethane	0.00981	0.0062	mg/Kg dry	0.0124	ND	78.8		70-130			
2-Chlorotoluene	0.0128	0.0012	mg/Kg dry	0.0124	ND	103		70-130			
4-Chlorotoluene	0.0120	0.0012	mg/Kg dry	0.0124	ND	96.6		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0102	0.0012	mg/Kg dry	0.0124	ND	81.9		70-130			
1,2-Dibromoethane (EDB)	0.0115	0.00062	mg/Kg dry	0.0124	ND	92.4		70-130			
Dibromomethane	0.0123	0.0012	mg/Kg dry	0.0124	ND	98.6		70-130			
1,2-Dichlorobenzene	0.0122	0.0012	mg/Kg dry	0.0124	ND	98.0		70-130			
1,3-Dichlorobenzene	0.0127	0.0012	mg/Kg dry	0.0124	ND	102		70-130			
1,4-Dichlorobenzene	0.0122	0.0012	mg/Kg dry	0.0124	ND	98.3		70-130			
trans-1,4-Dichloro-2-butene	0.00877	0.0025	mg/Kg dry	0.0124	ND	70.5		70-130			
Dichlorodifluoromethane (Freon 12)	0.00621	0.012	mg/Kg dry	0.0124	ND	**49.9**	*	70-130			MS-07A
1,1-Dichloroethane	0.0136	0.0012	mg/Kg dry	0.0124	ND	109		70-130			
1,2-Dichloroethane	0.0128	0.0012	mg/Kg dry	0.0124	ND	103		70-130			
1,1-Dichloroethylene	0.0118	0.0025	mg/Kg dry	0.0124	ND	94.9		70-130			
cis-1,2-Dichloroethylene	0.0120	0.0012	mg/Kg dry	0.0124	ND	96.3		70-130			
trans-1,2-Dichloroethylene	0.0115	0.0012	mg/Kg dry	0.0124	ND	92.5		70-130			
1,2-Dichloropropane	0.0116	0.0012	mg/Kg dry	0.0124	ND	92.9		70-130			
1,3-Dichloropropane	0.0118	0.00062	mg/Kg dry	0.0124	ND	94.9		70-130			
2,2-Dichloropropane	0.0113	0.0012	mg/Kg dry	0.0124	ND	90.4		70-130			
1,1-Dichloropropene	0.0118	0.0012	mg/Kg dry	0.0124	ND	94.5		70-130			
cis-1,3-Dichloropropene	0.0111	0.00062	mg/Kg dry	0.0124	ND	89.1		70-130			
trans-1,3-Dichloropropene	0.0106	0.00062	mg/Kg dry	0.0124	ND	85.1		70-130			
Ethylbenzene	0.0123	0.0012	mg/Kg dry	0.0124	ND	98.6		70-130			
Hexachlorobutadiene	0.0135	0.0012	mg/Kg dry	0.0124	ND	109		70-130			
2-Hexanone (MBK)	0.102	0.012	mg/Kg dry	0.124	ND	82.0		70-130			
Isopropylbenzene (Cumene)	0.0131	0.0012	mg/Kg dry	0.0124	ND	105		70-130			
p-Isopropyltoluene (p-Cymene)	0.0124	0.0012	mg/Kg dry	0.0124	ND	99.8		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0109	0.0025	mg/Kg dry	0.0124	ND	87.4		70-130			
Methylene Chloride	0.0118	0.012	mg/Kg dry	0.0124	ND	95.0		70-130			
4-Methyl-2-pentanone (MIBK)	0.118	0.012	mg/Kg dry	0.124	ND	94.5		70-130			
Naphthalene	0.00826	0.0025	mg/Kg dry	0.0124	ND	**66.4**	*	70-130			MS-07A
n-Propylbenzene	0.0120	0.0012	mg/Kg dry	0.0124	ND	96.2		70-130			
Styrene	0.0121	0.0012	mg/Kg dry	0.0124	ND	97.1		70-130			
1,1,1,2-Tetrachloroethane	0.0119	0.0012	mg/Kg dry	0.0124	ND	95.9		70-130			
1,1,2,2-Tetrachloroethane	0.0111	0.00062	mg/Kg dry	0.0124	ND	88.9		70-130			
Tetrachloroethylene	0.0145	0.0012	mg/Kg dry	0.0124	ND	116		70-130			
Tetrahydrofuran	0.00861	0.0062	mg/Kg dry	0.0124	ND	**69.2**	*	70-130			MS-07A
Toluene	0.0121	0.0012	mg/Kg dry	0.0124	ND	97.6		70-130			
1,2,3-Trichlorobenzene	0.00997	0.0012	mg/Kg dry	0.0124	ND	80.1		70-130			
1,2,4-Trichlorobenzene	0.00983	0.0012	mg/Kg dry	0.0124	ND	79.0		70-130			
1,1,1-Trichloroethane	0.0129	0.0012	mg/Kg dry	0.0124	ND	104		70-130			
1,1,2-Trichloroethane	0.0123	0.0012	mg/Kg dry	0.0124	ND	98.8		70-130			
Trichloroethylene	0.0119	0.0012	mg/Kg dry	0.0124	ND	95.9		70-130			
Trichlorofluoromethane (Freon 11)	0.0117	0.0062	mg/Kg dry	0.0124	ND	94.3		70-130			
1,2,3-Trichloropropane	0.0117	0.0012	mg/Kg dry	0.0124	ND	94.0		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183325 - SW-846 5035											
Matrix Spike (B183325-MS1)		**Source: 17H0058-09**		Prepared & Analyzed: 08/04/17							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0110	0.0062	mg/Kg dry	0.0124	ND	88.3		70-130			
1,2,4-Trimethylbenzene	0.0112	0.0012	mg/Kg dry	0.0124	ND	90.3		70-130			
1,3,5-Trimethylbenzene	0.0125	0.0012	mg/Kg dry	0.0124	ND	101		70-130			
Vinyl Chloride	0.00962	0.0062	mg/Kg dry	0.0124	ND	77.3		70-130			
m+p Xylene	0.0244	0.0025	mg/Kg dry	0.0249	ND	98.2		70-130			
o-Xylene	0.0120	0.0012	mg/Kg dry	0.0124	ND	96.3		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0280*		mg/Kg dry	0.0311		90.0		70-130			
Surrogate: Toluene-d8	*0.0294*		mg/Kg dry	0.0311		94.6		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0289*		mg/Kg dry	0.0311		92.9		70-130			
Matrix Spike Dup (B183325-MSD1)		**Source: 17H0058-09**		Prepared & Analyzed: 08/04/17							
Acetone	0.0925	0.065	mg/Kg dry	0.129	ND	71.5		70-130	1.76	30	
Acrylonitrile	0.00957	0.0039	mg/Kg dry	0.0129	ND	74.0		70-130	4.09	30	
Benzene	0.0120	0.0013	mg/Kg dry	0.0129	ND	92.9		70-130	3.39	30	
Bromobenzene	0.0121	0.0013	mg/Kg dry	0.0129	ND	93.8		70-130	2.65	30	
Bromodichloromethane	0.0135	0.0013	mg/Kg dry	0.0129	ND	104		70-130	3.72	30	
Bromoform	0.0111	0.0013	mg/Kg dry	0.0129	ND	85.9		70-130	0.836	30	
Bromomethane	0.0108	0.0065	mg/Kg dry	0.0129	ND	83.4		70-130	13.2	30	
2-Butanone (MEK)	0.0997	0.026	mg/Kg dry	0.129	ND	77.1		70-130	10.3	30	
n-Butylbenzene	0.0116	0.0013	mg/Kg dry	0.0129	ND	89.4		70-130	5.37	30	
sec-Butylbenzene	0.0116	0.0013	mg/Kg dry	0.0129	ND	89.8		70-130	3.27	30	
tert-Butylbenzene	0.0119	0.0013	mg/Kg dry	0.0129	ND	92.3		70-130	2.74	30	
Carbon Disulfide	0.0112	0.0039	mg/Kg dry	0.0129	ND	86.3		70-130	3.66	30	
Carbon Tetrachloride	0.0127	0.0013	mg/Kg dry	0.0129	ND	98.5		70-130	5.15	30	
Chlorobenzene	0.0129	0.0013	mg/Kg dry	0.0129	ND	100		70-130	3.22	30	
Chlorodibromomethane	0.0121	0.00065	mg/Kg dry	0.0129	ND	93.7		70-130	2.29	30	
Chloroethane	0.0114	0.013	mg/Kg dry	0.0129	ND	88.1		70-130	7.51	30	
Chloroform	0.0127	0.0026	mg/Kg dry	0.0129	ND	97.9		70-130	5.98	30	
Chloromethane	0.0101	0.0065	mg/Kg dry	0.0129	ND	78.0		70-130	2.80	30	
2-Chlorotoluene	0.0130	0.0013	mg/Kg dry	0.0129	ND	100		70-130	1.26	30	
4-Chlorotoluene	0.0121	0.0013	mg/Kg dry	0.0129	ND	93.9		70-130	0.983	30	
1,2-Dibromo-3-chloropropane (DBCP)	0.00968	0.0013	mg/Kg dry	0.0129	ND	74.9		70-130	5.12	30	
1,2-Dibromoethane (EDB)	0.0109	0.00065	mg/Kg dry	0.0129	ND	84.2		70-130	5.47	30	
Dibromomethane	0.0126	0.0013	mg/Kg dry	0.0129	ND	97.3		70-130	2.49	30	
1,2-Dichlorobenzene	0.0120	0.0013	mg/Kg dry	0.0129	ND	92.5		70-130	1.96	30	
1,3-Dichlorobenzene	0.0116	0.0013	mg/Kg dry	0.0129	ND	89.6		70-130	9.14	30	
1,4-Dichlorobenzene	0.0117	0.0013	mg/Kg dry	0.0129	ND	90.7		70-130	4.23	30	
trans-1,4-Dichloro-2-butene	0.00917	0.0026	mg/Kg dry	0.0129	ND	70.9		70-130	4.38	30	
Dichlorodifluoromethane (Freon 12)	0.00750	0.013	mg/Kg dry	0.0129	ND	**58.0**	*	70-130	18.8	30	MS-07A
1,1-Dichloroethane	0.0136	0.0013	mg/Kg dry	0.0129	ND	105		70-130	0.287	30	
1,2-Dichloroethane	0.0131	0.0013	mg/Kg dry	0.0129	ND	101		70-130	2.25	30	
1,1-Dichloroethylene	0.0121	0.0026	mg/Kg dry	0.0129	ND	93.4		70-130	2.22	30	
cis-1,2-Dichloroethylene	0.0121	0.0013	mg/Kg dry	0.0129	ND	93.6		70-130	0.974	30	
trans-1,2-Dichloroethylene	0.0116	0.0013	mg/Kg dry	0.0129	ND	89.4		70-130	0.409	30	
1,2-Dichloropropane	0.0120	0.0013	mg/Kg dry	0.0129	ND	92.5		70-130	3.39	30	
1,3-Dichloropropane	0.0116	0.00065	mg/Kg dry	0.0129	ND	90.0		70-130	1.48	30	
2,2-Dichloropropane	0.0118	0.0013	mg/Kg dry	0.0129	ND	91.5		70-130	5.03	30	
1,1-Dichloropropene	0.0125	0.0013	mg/Kg dry	0.0129	ND	96.3		70-130	5.70	30	
cis-1,3-Dichloropropene	0.0112	0.00065	mg/Kg dry	0.0129	ND	86.8		70-130	1.20	30	
trans-1,3-Dichloropropene	0.0108	0.00065	mg/Kg dry	0.0129	ND	83.6		70-130	2.04	30	
Ethylbenzene	0.0132	0.0013	mg/Kg dry	0.0129	ND	102		70-130	7.40	30	
Hexachlorobutadiene	0.0113	0.0013	mg/Kg dry	0.0129	ND	87.1		70-130	18.3	30	

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183325 - SW-846 5035											
Matrix Spike Dup (B183325-MSD1)		**Source: 17H0058-09**		Prepared & Analyzed: 08/04/17							
2-Hexanone (MBK)	0.104	0.013	mg/Kg dry	0.129	ND	80.5		70-130	2.01	30	
Isopropylbenzene (Cumene)	0.0134	0.0013	mg/Kg dry	0.0129	ND	104		70-130	2.48	30	
p-Isopropyltoluene (p-Cymene)	0.0120	0.0013	mg/Kg dry	0.0129	ND	92.9		70-130	3.35	30	
Methyl tert-Butyl Ether (MTBE)	0.0106	0.0026	mg/Kg dry	0.0129	ND	81.8		70-130	2.80	30	
Methylene Chloride	0.0128	0.013	mg/Kg dry	0.0129	ND	99.3		70-130	8.24	30	
4-Methyl-2-pentanone (MIBK)	0.116	0.013	mg/Kg dry	0.129	ND	89.9		70-130	1.24	30	
Naphthalene	0.00826	0.0026	mg/Kg dry	0.0129	ND	**63.9**	*	70-130	0.0201	30	MS-07A
n-Propylbenzene	0.0128	0.0013	mg/Kg dry	0.0129	ND	98.7		70-130	6.38	30	
Styrene	0.0126	0.0013	mg/Kg dry	0.0129	ND	97.3		70-130	4.02	30	
1,1,1,2-Tetrachloroethane	0.0127	0.0013	mg/Kg dry	0.0129	ND	98.0		70-130	5.98	30	
1,1,2,2-Tetrachloroethane	0.0117	0.00065	mg/Kg dry	0.0129	ND	90.3		70-130	5.38	30	
Tetrachloroethylene	0.0138	0.0013	mg/Kg dry	0.0129	ND	107		70-130	4.78	30	
Tetrahydrofuran	0.00754	0.0065	mg/Kg dry	0.0129	ND	**58.3**	*	70-130	13.3	30	MS-07A
Toluene	0.0122	0.0013	mg/Kg dry	0.0129	ND	94.7		70-130	0.801	30	
1,2,3-Trichlorobenzene	0.00870	0.0013	mg/Kg dry	0.0129	ND	**67.3**	*	70-130	13.6	30	MS-24
1,2,4-Trichlorobenzene	0.00897	0.0013	mg/Kg dry	0.0129	ND	**69.4**	*	70-130	9.13	30	MS-24
1,1,1-Trichloroethane	0.0133	0.0013	mg/Kg dry	0.0129	ND	103		70-130	3.05	30	
1,1,2-Trichloroethane	0.0132	0.0013	mg/Kg dry	0.0129	ND	102		70-130	7.00	30	
Trichloroethylene	0.0121	0.0013	mg/Kg dry	0.0129	ND	93.6		70-130	1.39	30	
Trichlorofluoromethane (Freon 11)	0.0122	0.0065	mg/Kg dry	0.0129	ND	94.0		70-130	3.50	30	
1,2,3-Trichloropropane	0.0114	0.0013	mg/Kg dry	0.0129	ND	87.9		70-130	2.89	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0115	0.0065	mg/Kg dry	0.0129	ND	89.0		70-130	4.61	30	
1,2,4-Trimethylbenzene	0.0113	0.0013	mg/Kg dry	0.0129	ND	87.5		70-130	0.668	30	
1,3,5-Trimethylbenzene	0.0126	0.0013	mg/Kg dry	0.0129	ND	97.4		70-130	0.386	30	
Vinyl Chloride	0.0104	0.0065	mg/Kg dry	0.0129	ND	80.8		70-130	8.24	30	
m+p Xylene	0.0257	0.0026	mg/Kg dry	0.0259	ND	99.4		70-130	5.13	30	
o-Xylene	0.0127	0.0013	mg/Kg dry	0.0129	ND	98.0		70-130	5.57	30	
Surrogate: 1,2-Dichloroethane-d4	*0.0294*		mg/Kg dry	0.0323		91.0		70-130			
Surrogate: Toluene-d8	*0.0298*		mg/Kg dry	0.0323		92.1		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0320*		mg/Kg dry	0.0323		98.8		70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546										
Blank (B183687-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546										
Blank (B183687-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17						
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	*4.74*		mg/Kg wet	6.67		71.1	30-130			
Surrogate: Phenol-d6	*4.59*		mg/Kg wet	6.67		68.9	30-130			
Surrogate: Nitrobenzene-d5	*2.50*		mg/Kg wet	3.33		75.0	30-130			
Surrogate: 2-Fluorobiphenyl	*2.47*		mg/Kg wet	3.33		74.2	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.69*		mg/Kg wet	6.67		85.4	30-130			
Surrogate: p-Terphenyl-d14	*3.14*		mg/Kg wet	3.33		94.1	30-130			
LCS (B183687-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17						
Acenaphthene	1.13	0.17	mg/Kg wet	1.67		67.6	40-140			
Acenaphthylene	1.13	0.17	mg/Kg wet	1.67		67.7	40-140			
Aniline	0.845	0.34	mg/Kg wet	1.67		50.7	40-140			†
Anthracene	1.11	0.17	mg/Kg wet	1.67		66.8	40-140			
Benzo(a)anthracene	1.21	0.17	mg/Kg wet	1.67		72.8	40-140			
Benzo(a)pyrene	1.19	0.17	mg/Kg wet	1.67		71.5	40-140			
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.0	40-140			
Benzo(g,h,i)perylene	1.34	0.17	mg/Kg wet	1.67		80.4	40-140			
Benzo(k)fluoranthene	1.12	0.17	mg/Kg wet	1.67		67.0	40-140			
Bis(2-chloroethoxy)methane	1.19	0.34	mg/Kg wet	1.67		71.2	40-140			
Bis(2-chloroethyl)ether	1.07	0.34	mg/Kg wet	1.67		64.4	40-140			
Bis(2-chloroisopropyl)ether	1.06	0.34	mg/Kg wet	1.67		63.6	40-140			
Bis(2-Ethylhexyl)phthalate	1.38	0.34	mg/Kg wet	1.67		82.9	40-140			
4-Bromophenylphenylether	1.24	0.34	mg/Kg wet	1.67		74.4	40-140			
Butylbenzylphthalate	1.30	0.34	mg/Kg wet	1.67		78.2	40-140			
Carbazole	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
4-Chloroaniline	0.809	0.66	mg/Kg wet	1.67		48.6	40-140			†
4-Chloro-3-methylphenol	1.19	0.66	mg/Kg wet	1.67		71.6	30-130			
2-Chloronaphthalene	0.942	0.34	mg/Kg wet	1.67		56.5	40-140			
2-Chlorophenol	1.15	0.34	mg/Kg wet	1.67		69.1	30-130			
4-Chlorophenylphenylether	1.22	0.34	mg/Kg wet	1.67		73.4	40-140			
Chrysene	1.19	0.17	mg/Kg wet	1.67		71.2	40-140			
Dibenz(a,h)anthracene	1.32	0.17	mg/Kg wet	1.67		79.1	40-140			
Dibenzofuran	1.20	0.34	mg/Kg wet	1.67		71.7	40-140			
Di-n-butylphthalate	1.17	0.34	mg/Kg wet	1.67		70.4	40-140			
3,3-Dichlorobenzidine	0.747	0.17	mg/Kg wet	1.67		44.8	40-140			†
2,4-Dichlorophenol	1.18	0.34	mg/Kg wet	1.67		71.0	30-130			
Diethylphthalate	1.26	0.34	mg/Kg wet	1.67		75.3	40-140			
2,4-Dimethylphenol	1.17	0.34	mg/Kg wet	1.67		70.1	30-130			
Dimethylphthalate	1.19	0.34	mg/Kg wet	1.67		71.4	40-140			
4,6-Dinitro-2-methylphenol	1.02	0.34	mg/Kg wet	1.67		61.2	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183687 - SW-846 3546											
LCS (B183687-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17							
2,4-Dinitrophenol	0.685	0.66	mg/Kg wet	1.67		41.1	30-130				
2,4-Dinitrotoluene	1.06	0.34	mg/Kg wet	1.67		63.8	40-140				
2,6-Dinitrotoluene	1.16	0.34	mg/Kg wet	1.67		69.7	40-140				
Di-n-octylphthalate	1.25	0.34	mg/Kg wet	1.67		74.8	40-140				
Fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.0	40-140				
Fluorene	1.15	0.17	mg/Kg wet	1.67		69.3	40-140				
Hexachlorobenzene	1.21	0.34	mg/Kg wet	1.67		72.8	40-140				
Hexachlorobutadiene	1.28	0.34	mg/Kg wet	1.67		76.6	40-140				
Hexachlorocyclopentadiene	0.846	0.34	mg/Kg wet	1.67		50.7	30-140				
Hexachloroethane	1.12	0.34	mg/Kg wet	1.67		67.0	40-140				
Indeno(1,2,3-cd)pyrene	1.39	0.17	mg/Kg wet	1.67		83.1	40-140				
Isophorone	1.17	0.34	mg/Kg wet	1.67		70.0	40-140				
2-Methylnaphthalene	1.17	0.17	mg/Kg wet	1.67		70.2	40-140				
2-Methylphenol	1.06	0.34	mg/Kg wet	1.67		63.7	30-130				
3/4-Methylphenol	1.07	0.34	mg/Kg wet	1.67		64.1	30-130				
Naphthalene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140				
2-Nitroaniline	1.15	0.34	mg/Kg wet	1.67		68.9	40-140				
3-Nitroaniline	0.965	0.34	mg/Kg wet	1.67		57.9	40-140				†
4-Nitroaniline	1.06	0.34	mg/Kg wet	1.67		63.9	40-140				
Nitrobenzene	1.14	0.34	mg/Kg wet	1.67		68.3	40-140				
2-Nitrophenol	1.15	0.34	mg/Kg wet	1.67		69.2	30-130				
4-Nitrophenol	0.912	0.66	mg/Kg wet	1.67		54.7	10-130				
N-Nitrosodiphenylamine	1.53	0.34	mg/Kg wet	1.67		92.0	40-140				
N-Nitrosodi-n-propylamine	1.11	0.34	mg/Kg wet	1.67		66.5	40-140				
Pentachloronitrobenzene	1.25	0.34	mg/Kg wet	1.67		75.1	40-140			V-16	
Pentachlorophenol	0.755	0.34	mg/Kg wet	1.67		45.3	30-130				
Phenanthrene	1.12	0.17	mg/Kg wet	1.67		67.2	40-140				
Phenol	1.05	0.34	mg/Kg wet	1.67		63.0	20-130				
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.5	40-140				
Pyridine	0.821	0.34	mg/Kg wet	1.67		49.2	10-140				†
1,2,4,5-Tetrachlorobenzene	1.28	0.34	mg/Kg wet	1.67		76.7	40-140				
1,2,4-Trichlorobenzene	1.13	0.34	mg/Kg wet	1.67		67.7	40-140				
2,4,5-Trichlorophenol	1.22	0.34	mg/Kg wet	1.67		72.9	30-130				
2,4,6-Trichlorophenol	1.21	0.34	mg/Kg wet	1.67		72.3	30-130				
Surrogate: 2-Fluorophenol	*5.38*		mg/Kg wet	6.67		80.8	30-130				
Surrogate: Phenol-d6	*5.17*		mg/Kg wet	6.67		77.6	30-130				
Surrogate: Nitrobenzene-d5	*2.84*		mg/Kg wet	3.33		85.2	30-130				
Surrogate: 2-Fluorobiphenyl	*2.97*		mg/Kg wet	3.33		89.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.66*		mg/Kg wet	6.67		100	30-130				
Surrogate: p-Terphenyl-d14	*3.03*		mg/Kg wet	3.33		90.9	30-130				
LCS Dup (B183687-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140	8.10	30		
Acenaphthylene	1.04	0.17	mg/Kg wet	1.67		62.1	40-140	8.57	30		
Aniline	0.701	0.34	mg/Kg wet	1.67		42.1	40-140	18.6	50		† ‡
Anthracene	1.05	0.17	mg/Kg wet	1.67		63.1	40-140	5.70	30		
Benzo(a)anthracene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140	6.44	30		
Benzo(a)pyrene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140	7.04	30		
Benzo(b)fluoranthene	1.05	0.17	mg/Kg wet	1.67		63.2	40-140	4.43	30		
Benzo(g,h,i)perylene	1.30	0.17	mg/Kg wet	1.67		78.0	40-140	3.03	30		
Benzo(k)fluoranthene	1.03	0.17	mg/Kg wet	1.67		61.8	40-140	8.07	30		
Bis(2-chloroethoxy)methane	1.08	0.34	mg/Kg wet	1.67		65.1	40-140	8.95	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183687 - SW-846 3546											
LCS Dup (B183687-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Bis(2-chloroethyl)ether	1.01	0.34	mg/Kg wet	1.67		60.8	40-140	5.85	30		
Bis(2-chloroisopropyl)ether	0.955	0.34	mg/Kg wet	1.67		57.3	40-140	10.4	30		
Bis(2-Ethylhexyl)phthalate	1.31	0.34	mg/Kg wet	1.67		78.8	40-140	5.12	30		
4-Bromophenylphenylether	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	6.90	30		
Butylbenzylphthalate	1.24	0.34	mg/Kg wet	1.67		74.1	40-140	5.28	30		
Carbazole	1.04	0.17	mg/Kg wet	1.67		62.3	40-140	4.86	30		
4-Chloroaniline	0.733	0.66	mg/Kg wet	1.67		44.0	40-140	9.94	30		†
4-Chloro-3-methylphenol	1.12	0.66	mg/Kg wet	1.67		67.0	30-130	6.70	30		
2-Chloronaphthalene	0.911	0.34	mg/Kg wet	1.67		54.7	40-140	3.35	30		
2-Chlorophenol	1.02	0.34	mg/Kg wet	1.67		60.9	30-130	12.6	30		
4-Chlorophenylphenylether	1.12	0.34	mg/Kg wet	1.67		67.1	40-140	9.05	30		
Chrysene	1.11	0.17	mg/Kg wet	1.67		66.7	40-140	6.52	30		
Dibenz(a,h)anthracene	1.26	0.17	mg/Kg wet	1.67		75.5	40-140	4.71	30		
Dibenzofuran	1.10	0.34	mg/Kg wet	1.67		65.7	40-140	8.70	30		
Di-n-butylphthalate	1.13	0.34	mg/Kg wet	1.67		67.7	40-140	3.82	30		
3,3-Dichlorobenzidine	0.716	0.17	mg/Kg wet	1.67		43.0	40-140	4.24	30		† ‡
2,4-Dichlorophenol	1.07	0.34	mg/Kg wet	1.67		64.0	30-130	10.3	30		
Diethylphthalate	1.18	0.34	mg/Kg wet	1.67		70.6	40-140	6.47	30		
2,4-Dimethylphenol	1.05	0.34	mg/Kg wet	1.67		63.3	30-130	10.3	30		
Dimethylphthalate	1.10	0.34	mg/Kg wet	1.67		66.0	40-140	7.86	50		
4,6-Dinitro-2-methylphenol	0.969	0.34	mg/Kg wet	1.67		58.1	30-130	5.20	50		
2,4-Dinitrophenol	0.619	0.66	mg/Kg wet	1.67		37.1	30-130	10.2	50		
2,4-Dinitrotoluene	1.02	0.34	mg/Kg wet	1.67		61.0	40-140	4.39	30		
2,6-Dinitrotoluene	1.10	0.34	mg/Kg wet	1.67		66.1	40-140	5.21	30		
Di-n-octylphthalate	1.18	0.34	mg/Kg wet	1.67		70.9	40-140	5.30	30		
Fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.2	40-140	6.02	30		
Fluorene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140	6.44	30		
Hexachlorobenzene	1.11	0.34	mg/Kg wet	1.67		66.6	40-140	8.78	30		
Hexachlorobutadiene	1.11	0.34	mg/Kg wet	1.67		66.4	40-140	14.2	30		
Hexachlorocyclopentadiene	0.759	0.34	mg/Kg wet	1.67		45.5	30-140	10.8	50		
Hexachloroethane	0.983	0.34	mg/Kg wet	1.67		59.0	40-140	12.8	50		
Indeno(1,2,3-cd)pyrene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140	4.73	50		
Indeno(1,2,3-cd)pyrene	1.32	0.17	mg/Kg wet	1.67		79.3	40-140	4.73	30		
Isophorone	1.08	0.34	mg/Kg wet	1.67		64.9	40-140	7.59	30		
2-Methylnaphthalene	1.06	0.17	mg/Kg wet	1.67		63.4	40-140	10.2	30		
2-Methylphenol	0.972	0.34	mg/Kg wet	1.67		58.3	30-130	8.76	30		
3/4-Methylphenol	0.973	0.34	mg/Kg wet	1.67		58.4	30-130	9.31	30		
Naphthalene	1.02	0.17	mg/Kg wet	1.67		60.9	40-140	11.2	30		
2-Nitroaniline	1.11	0.34	mg/Kg wet	1.67		66.4	40-140	3.70	30		
3-Nitroaniline	0.906	0.34	mg/Kg wet	1.67		54.3	40-140	6.31	30		†
4-Nitroaniline	1.01	0.34	mg/Kg wet	1.67		60.4	40-140	5.50	30		
Nitrobenzene	1.04	0.34	mg/Kg wet	1.67		62.5	40-140	8.93	30		
2-Nitrophenol	1.02	0.34	mg/Kg wet	1.67		61.3	30-130	12.1	30		
4-Nitrophenol	0.869	0.66	mg/Kg wet	1.67		52.2	10-130	4.79	50		‡
N-Nitrosodiphenylamine	1.46	0.34	mg/Kg wet	1.67		87.3	40-140	5.20	30		
N-Nitrosodi-n-propylamine	1.02	0.34	mg/Kg wet	1.67		61.1	40-140	8.52	30		
Pentachloronitrobenzene	1.19	0.34	mg/Kg wet	1.67		71.5	40-140	4.80	30	V-16	
Pentachlorophenol	0.745	0.34	mg/Kg wet	1.67		44.7	30-130	1.29	50		
Phenanthrene	1.07	0.17	mg/Kg wet	1.67		63.9	40-140	4.97	30		
Phenol	0.946	0.34	mg/Kg wet	1.67		56.8	20-130	10.5	30		
Pyrene	1.08	0.17	mg/Kg wet	1.67		64.9	40-140	5.31	30		
Pyridine	0.750	0.34	mg/Kg wet	1.67		45.0	10-140	9.04	50		†

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546											
LCS Dup (B183687-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
1,2,4,5-Tetrachlorobenzene	1.13	0.34	mg/Kg wet	1.67		68.1		40-140	11.9	30	
1,2,4-Trichlorobenzene	0.998	0.34	mg/Kg wet	1.67		59.9		40-140	12.3	30	
2,4,5-Trichlorophenol	1.10	0.34	mg/Kg wet	1.67		66.0		30-130	9.96	30	
2,4,6-Trichlorophenol	1.09	0.34	mg/Kg wet	1.67		65.6		30-130	9.74	50	
Surrogate: 2-Fluorophenol	*4.62*		mg/Kg wet	6.67		69.3		30-130			
Surrogate: Phenol-d6	*4.58*		mg/Kg wet	6.67		68.7		30-130			
Surrogate: Nitrobenzene-d5	*2.54*		mg/Kg wet	3.33		76.1		30-130			
Surrogate: 2-Fluorobiphenyl	*2.64*		mg/Kg wet	3.33		79.3		30-130			
Surrogate: 2,4,6-Tribromophenol	*6.09*		mg/Kg wet	6.67		91.4		30-130			
Surrogate: p-Terphenyl-d14	*2.79*		mg/Kg wet	3.33		83.8		30-130			
Matrix Spike (B183687-MS1)		**Source: 17H0058-09**		Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.22	0.19	mg/Kg dry	1.83	ND	66.6		40-140			
Acenaphthylene	1.21	0.19	mg/Kg dry	1.83	ND	66.5		40-140			
Aniline	0.729	0.37	mg/Kg dry	1.83	ND	**39.9**	*	40-140			MS-22
Anthracene	1.23	0.19	mg/Kg dry	1.83	ND	67.1		40-140			
Benzo(a)anthracene	1.31	0.19	mg/Kg dry	1.83	ND	71.5		40-140			
Benzo(a)pyrene	1.29	0.19	mg/Kg dry	1.83	ND	70.6		40-140			
Benzo(b)fluoranthene	1.23	0.19	mg/Kg dry	1.83	0.0724	63.6		40-140			
Benzo(g,h,i)perylene	1.36	0.19	mg/Kg dry	1.83	ND	74.6		40-140			
Benzo(k)fluoranthene	1.22	0.19	mg/Kg dry	1.83	ND	66.8		40-140			
Bis(2-chloroethoxy)methane	1.19	0.37	mg/Kg dry	1.83	ND	65.2		40-140			
Bis(2-chloroethyl)ether	1.05	0.37	mg/Kg dry	1.83	ND	57.4		40-140			
Bis(2-chloroisopropyl)ether	0.987	0.37	mg/Kg dry	1.83	ND	54.0		40-140			
Bis(2-Ethylhexyl)phthalate	1.55	0.37	mg/Kg dry	1.83	ND	84.8		40-140			
4-Bromophenylphenylether	1.28	0.37	mg/Kg dry	1.83	ND	70.0		40-140			
Butylbenzylphthalate	1.53	0.37	mg/Kg dry	1.83	ND	83.8		40-140			
Carbazole	1.23	0.19	mg/Kg dry	1.83	ND	67.1		40-140			
4-Chloroaniline	0.827	0.72	mg/Kg dry	1.83	ND	45.2		40-140			
4-Chloro-3-methylphenol	1.22	0.72	mg/Kg dry	1.83	ND	66.9		30-130			
2-Chloronaphthalene	1.00	0.37	mg/Kg dry	1.83	ND	54.8		40-140			
2-Chlorophenol	1.10	0.37	mg/Kg dry	1.83	ND	60.3		30-130			
4-Chlorophenylphenylether	1.32	0.37	mg/Kg dry	1.83	ND	72.1		40-140			
Chrysene	1.27	0.19	mg/Kg dry	1.83	ND	69.5		40-140			
Dibenz(a,h)anthracene	1.31	0.19	mg/Kg dry	1.83	ND	71.6		40-140			
Dibenzofuran	1.27	0.37	mg/Kg dry	1.83	ND	69.7		40-140			
Di-n-butylphthalate	1.24	0.37	mg/Kg dry	1.83	ND	67.6		40-140			
3,3-Dichlorobenzidine	0.886	0.19	mg/Kg dry	1.83	ND	48.5		40-140			
2,4-Dichlorophenol	1.23	0.37	mg/Kg dry	1.83	ND	67.4		30-130			
Diethylphthalate	1.38	0.37	mg/Kg dry	1.83	ND	75.3		40-140			
2,4-Dimethylphenol	1.19	0.37	mg/Kg dry	1.83	ND	65.0		30-130			
Dimethylphthalate	1.31	0.37	mg/Kg dry	1.83	ND	71.7		40-140			
4,6-Dinitro-2-methylphenol	1.04	0.37	mg/Kg dry	1.83	ND	56.8		30-130			
2,4-Dinitrophenol	0.875	0.72	mg/Kg dry	1.83	ND	47.9		30-130			
2,4-Dinitrotoluene	1.20	0.37	mg/Kg dry	1.83	ND	65.5		40-140			
2,6-Dinitrotoluene	1.28	0.37	mg/Kg dry	1.83	ND	70.0		40-140			
Di-n-octylphthalate	1.49	0.37	mg/Kg dry	1.83	ND	81.6		40-140			
Fluoranthene	1.29	0.19	mg/Kg dry	1.83	ND	70.4		40-140			
Fluorene	1.25	0.19	mg/Kg dry	1.83	ND	68.6		40-140			
Hexachlorobenzene	1.26	0.37	mg/Kg dry	1.83	ND	68.9		40-140			
Hexachlorobutadiene	1.34	0.37	mg/Kg dry	1.83	ND	73.3		40-140			
Hexachlorocyclopentadiene	0.736	0.37	mg/Kg dry	1.83	ND	40.3		40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546											
Matrix Spike (B183687-MS1)		**Source: 17H0058-09**		Prepared: 08/09/17 Analyzed: 08/10/17							
Hexachloroethane	1.06	0.37	mg/Kg dry	1.83	ND	58.0		40-140			
Indeno(1,2,3-cd)pyrene	1.15	0.19	mg/Kg dry	1.83	ND	63.1		40-140			
Isophorone	1.21	0.37	mg/Kg dry	1.83	ND	66.1		40-140			
2-Methylnaphthalene	1.20	0.19	mg/Kg dry	1.83	ND	65.6		40-140			
2-Methylphenol	0.967	0.37	mg/Kg dry	1.83	ND	52.9		30-130			
3/4-Methylphenol	1.05	0.37	mg/Kg dry	1.83	ND	57.6		30-130			
Naphthalene	1.16	0.19	mg/Kg dry	1.83	ND	63.7		40-140			
2-Nitroaniline	1.22	0.37	mg/Kg dry	1.83	ND	66.9		40-140			
3-Nitroaniline	1.06	0.37	mg/Kg dry	1.83	ND	58.0		40-140			
4-Nitroaniline	1.25	0.37	mg/Kg dry	1.83	ND	68.3		40-140			
Nitrobenzene	1.15	0.37	mg/Kg dry	1.83	ND	63.0		40-140			
2-Nitrophenol	1.18	0.37	mg/Kg dry	1.83	ND	64.6		30-130			
4-Nitrophenol	1.10	0.72	mg/Kg dry	1.83	ND	60.5		30-130			
N-Nitrosodiphenylamine	1.60	0.37	mg/Kg dry	1.83	ND	87.7		40-140			
N-Nitrosodi-n-propylamine	1.04	0.37	mg/Kg dry	1.83	ND	57.2		40-140			
Pentachloronitrobenzene	1.37	0.37	mg/Kg dry	1.83	ND	74.7		40-140			V-16
Pentachlorophenol	0.804	0.37	mg/Kg dry	1.83	ND	44.0		30-130			
Phenanthrene	1.23	0.19	mg/Kg dry	1.83	ND	67.3		40-140			
Phenol	1.01	0.37	mg/Kg dry	1.83	ND	55.4		30-130			
Pyrene	1.44	0.19	mg/Kg dry	1.83	ND	78.6		40-140			
Pyridine	0.722	0.37	mg/Kg dry	1.83	ND	**39.5**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	1.37	0.37	mg/Kg dry	1.83	ND	75.0		40-140			
1,2,4-Trichlorobenzene	1.18	0.37	mg/Kg dry	1.83	ND	64.8		40-140			
2,4,5-Trichlorophenol	1.28	0.37	mg/Kg dry	1.83	ND	70.0		30-130			
2,4,6-Trichlorophenol	1.27	0.37	mg/Kg dry	1.83	ND	69.7		30-130			
Surrogate: 2-Fluorophenol	*4.99*		mg/Kg dry	7.31		68.2		30-130			
Surrogate: Phenol-d6	*4.87*		mg/Kg dry	7.31		66.6		30-130			
Surrogate: Nitrobenzene-d5	*2.85*		mg/Kg dry	3.65		78.0		30-130			
Surrogate: 2-Fluorobiphenyl	*3.12*		mg/Kg dry	3.65		85.3		30-130			
Surrogate: 2,4,6-Tribromophenol	*7.03*		mg/Kg dry	7.31		96.2		30-130			
Surrogate: p-Terphenyl-d14	*3.65*		mg/Kg dry	3.65		99.8		30-130			
Matrix Spike (B183687-MS2)		**Source: 17H0058-11**		Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.17	0.18	mg/Kg dry	1.75	ND	66.8		40-140			
Acenaphthylene	1.18	0.18	mg/Kg dry	1.75	ND	67.0		40-140			
Aniline	0.693	0.36	mg/Kg dry	1.75	ND	**39.5**	*	40-140			MS-09
Anthracene	1.21	0.18	mg/Kg dry	1.75	ND	69.0		40-140			
Benzo(a)anthracene	1.40	0.18	mg/Kg dry	1.75	0.160	70.5		40-140			
Benzo(a)pyrene	1.38	0.18	mg/Kg dry	1.75	0.166	69.4		40-140			
Benzo(b)fluoranthene	1.37	0.18	mg/Kg dry	1.75	0.220	65.5		40-140			
Benzo(g,h,i)perylene	1.47	0.18	mg/Kg dry	1.75	0.143	75.5		40-140			
Benzo(k)fluoranthene	1.27	0.18	mg/Kg dry	1.75	0.0800	67.6		40-140			
Bis(2-chloroethoxy)methane	1.11	0.36	mg/Kg dry	1.75	ND	63.2		40-140			
Bis(2-chloroethyl)ether	0.963	0.36	mg/Kg dry	1.75	ND	54.9		40-140			
Bis(2-chloroisopropyl)ether	0.886	0.36	mg/Kg dry	1.75	ND	50.5		40-140			
Bis(2-Ethylhexyl)phthalate	1.50	0.36	mg/Kg dry	1.75	ND	85.3		40-140			
4-Bromophenylphenylether	1.25	0.36	mg/Kg dry	1.75	ND	71.0		40-140			
Butylbenzylphthalate	1.52	0.36	mg/Kg dry	1.75	ND	86.6		40-140			
Carbazole	1.22	0.18	mg/Kg dry	1.75	ND	69.4		40-140			
4-Chloroaniline	0.857	0.69	mg/Kg dry	1.75	ND	48.9		40-140			
4-Chloro-3-methylphenol	1.18	0.69	mg/Kg dry	1.75	ND	67.0		30-130			
2-Chloronaphthalene	0.982	0.36	mg/Kg dry	1.75	ND	56.0		40-140			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546											
Matrix Spike (B183687-MS2)		**Source: 17H0058-11**		Prepared: 08/09/17 Analyzed: 08/10/17							
2-Chlorophenol	1.05	0.36	mg/Kg dry	1.75	ND	60.1		30-130			
4-Chlorophenylphenylether	1.25	0.36	mg/Kg dry	1.75	ND	71.1		40-140			
Chrysene	1.38	0.18	mg/Kg dry	1.75	0.179	68.5		40-140			
Dibenz(a,h)anthracene	1.31	0.18	mg/Kg dry	1.75	ND	74.4		40-140			
Dibenzofuran	1.25	0.36	mg/Kg dry	1.75	ND	71.4		40-140			
Di-n-butylphthalate	1.17	0.36	mg/Kg dry	1.75	ND	66.9		40-140			
3,3-Dichlorobenzidine	0.920	0.18	mg/Kg dry	1.75	ND	52.4		40-140			
2,4-Dichlorophenol	1.19	0.36	mg/Kg dry	1.75	ND	67.8		30-130			
Diethylphthalate	1.30	0.36	mg/Kg dry	1.75	ND	74.1		40-140			
2,4-Dimethylphenol	1.13	0.36	mg/Kg dry	1.75	ND	64.2		30-130			
Dimethylphthalate	1.26	0.36	mg/Kg dry	1.75	ND	71.7		40-140			
4,6-Dinitro-2-methylphenol	0.949	0.36	mg/Kg dry	1.75	ND	54.1		30-130			
2,4-Dinitrophenol	0.736	0.69	mg/Kg dry	1.75	ND	42.0		30-130			
2,4-Dinitrotoluene	1.16	0.36	mg/Kg dry	1.75	ND	66.1		40-140			
2,6-Dinitrotoluene	1.22	0.36	mg/Kg dry	1.75	ND	69.5		40-140			
Di-n-octylphthalate	1.38	0.36	mg/Kg dry	1.75	ND	78.5		40-140			
Fluoranthene	1.52	0.18	mg/Kg dry	1.75	0.275	70.8		40-140			
Fluorene	1.24	0.18	mg/Kg dry	1.75	ND	70.9		40-140			
Hexachlorobenzene	1.24	0.36	mg/Kg dry	1.75	ND	70.6		40-140			
Hexachlorobutadiene	1.29	0.36	mg/Kg dry	1.75	ND	73.7		40-140			
Hexachlorocyclopentadiene	0.682	0.36	mg/Kg dry	1.75	ND	**38.9**	*	40-140			MS-09
Hexachloroethane	0.967	0.36	mg/Kg dry	1.75	ND	55.1		40-140			
Indeno(1,2,3-cd)pyrene	1.32	0.18	mg/Kg dry	1.75	ND	75.3		40-140			
Isophorone	1.12	0.36	mg/Kg dry	1.75	ND	63.7		40-140			
2-Methylnaphthalene	1.16	0.18	mg/Kg dry	1.75	ND	66.3		40-140			
2-Methylphenol	0.959	0.36	mg/Kg dry	1.75	ND	54.7		30-130			
3/4-Methylphenol	1.01	0.36	mg/Kg dry	1.75	ND	57.5		30-130			
Naphthalene	1.14	0.18	mg/Kg dry	1.75	ND	65.0		40-140			
2-Nitroaniline	1.16	0.36	mg/Kg dry	1.75	ND	66.2		40-140			
3-Nitroaniline	1.08	0.36	mg/Kg dry	1.75	ND	61.8		40-140			
4-Nitroaniline	1.20	0.36	mg/Kg dry	1.75	ND	68.4		40-140			
Nitrobenzene	1.07	0.36	mg/Kg dry	1.75	ND	61.3		40-140			
2-Nitrophenol	1.11	0.36	mg/Kg dry	1.75	ND	63.4		30-130			
4-Nitrophenol	1.05	0.69	mg/Kg dry	1.75	ND	59.6		30-130			
N-Nitrosodiphenylamine	1.55	0.36	mg/Kg dry	1.75	ND	88.5		40-140			
N-Nitrosodi-n-propylamine	0.975	0.36	mg/Kg dry	1.75	ND	55.6		40-140			
Pentachloronitrobenzene	1.38	0.36	mg/Kg dry	1.75	ND	78.4		40-140			V-16
Pentachlorophenol	0.666	0.36	mg/Kg dry	1.75	ND	37.9		30-130			
Phenanthrene	1.38	0.18	mg/Kg dry	1.75	0.102	72.8		40-140			
Phenol	0.942	0.36	mg/Kg dry	1.75	ND	53.7		30-130			
Pyrene	1.86	0.18	mg/Kg dry	1.75	0.308	88.6		40-140			
Pyridine	0.661	0.36	mg/Kg dry	1.75	ND	**37.7**	*	40-140			MS-09
1,2,4,5-Tetrachlorobenzene	1.32	0.36	mg/Kg dry	1.75	ND	75.1		40-140			
1,2,4-Trichlorobenzene	1.11	0.36	mg/Kg dry	1.75	ND	63.2		40-140			
2,4,5-Trichlorophenol	1.23	0.36	mg/Kg dry	1.75	ND	70.2		30-130			
2,4,6-Trichlorophenol	1.23	0.36	mg/Kg dry	1.75	ND	70.0		30-130			
Surrogate: 2-Fluorophenol	*4.66*		mg/Kg dry	7.02		66.5		30-130			
Surrogate: Phenol-d6	*4.62*		mg/Kg dry	7.02		65.8		30-130			
Surrogate: Nitrobenzene-d5	*2.63*		mg/Kg dry	3.51		74.9		30-130			
Surrogate: 2-Fluorobiphenyl	*2.97*		mg/Kg dry	3.51		84.6		30-130			
Surrogate: 2,4,6-Tribromophenol	*6.96*		mg/Kg dry	7.02		99.2		30-130			
Surrogate: p-Terphenyl-d14	*3.76*		mg/Kg dry	3.51		107		30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546										
Matrix Spike Dup (B183687-MSD1)		**Source: 17H0058-09**		Prepared: 08/09/17 Analyzed: 08/10/17						
Acenaphthene	1.17	0.19	mg/Kg dry	1.83	ND	64.0	40-140	4.07	30	
Acenaphthylene	1.17	0.19	mg/Kg dry	1.83	ND	64.0	40-140	3.74	30	
Aniline	0.782	0.37	mg/Kg dry	1.83	ND	42.8	40-140	7.06	30	
Anthracene	1.17	0.19	mg/Kg dry	1.83	ND	64.1	40-140	4.66	30	
Benzo(a)anthracene	1.23	0.19	mg/Kg dry	1.83	ND	67.3	40-140	6.05	30	
Benzo(a)pyrene	1.26	0.19	mg/Kg dry	1.83	ND	68.9	40-140	2.44	30	
Benzo(b)fluoranthene	1.14	0.19	mg/Kg dry	1.83	0.0724	58.3	40-140	8.10	30	
Benzo(g,h,i)perylene	1.32	0.19	mg/Kg dry	1.83	ND	72.0	40-140	3.52	30	
Benzo(k)fluoranthene	1.19	0.19	mg/Kg dry	1.83	ND	65.2	40-140	2.48	30	
Bis(2-chloroethoxy)methane	1.17	0.37	mg/Kg dry	1.83	ND	63.8	40-140	2.11	30	
Bis(2-chloroethyl)ether	1.05	0.37	mg/Kg dry	1.83	ND	57.5	40-140	0.278	30	
Bis(2-chloroisopropyl)ether	0.986	0.37	mg/Kg dry	1.83	ND	53.9	40-140	0.148	30	
Bis(2-Ethylhexyl)phthalate	1.48	0.37	mg/Kg dry	1.83	ND	80.8	40-140	4.81	30	
4-Bromophenylphenylether	1.22	0.37	mg/Kg dry	1.83	ND	67.0	40-140	4.38	30	
Butylbenzylphthalate	1.46	0.37	mg/Kg dry	1.83	ND	79.9	40-140	4.81	30	
Carbazole	1.18	0.19	mg/Kg dry	1.83	ND	64.5	40-140	4.04	30	
4-Chloroaniline	0.849	0.72	mg/Kg dry	1.83	ND	46.5	40-140	2.66	30	
4-Chloro-3-methylphenol	1.20	0.72	mg/Kg dry	1.83	ND	65.5	30-130	2.14	30	
2-Chloronaphthalene	0.980	0.37	mg/Kg dry	1.83	ND	53.6	40-140	2.25	30	
2-Chlorophenol	1.10	0.37	mg/Kg dry	1.83	ND	60.4	30-130	0.166	30	
4-Chlorophenylphenylether	1.25	0.37	mg/Kg dry	1.83	ND	68.4	40-140	5.27	30	
Chrysene	1.21	0.19	mg/Kg dry	1.83	ND	66.2	40-140	4.86	30	
Dibenz(a,h)anthracene	1.28	0.19	mg/Kg dry	1.83	ND	70.2	40-140	2.00	30	
Dibenzofuran	1.22	0.37	mg/Kg dry	1.83	ND	66.6	40-140	4.61	30	
Di-n-butylphthalate	1.19	0.37	mg/Kg dry	1.83	ND	65.1	40-140	3.80	30	
3,3-Dichlorobenzidine	0.938	0.19	mg/Kg dry	1.83	ND	51.3	40-140	5.69	30	
2,4-Dichlorophenol	1.21	0.37	mg/Kg dry	1.83	ND	66.4	30-130	1.50	30	
Diethylphthalate	1.32	0.37	mg/Kg dry	1.83	ND	72.0	40-140	4.40	30	
2,4-Dimethylphenol	1.16	0.37	mg/Kg dry	1.83	ND	63.4	30-130	2.46	30	
Dimethylphthalate	1.26	0.37	mg/Kg dry	1.83	ND	68.7	40-140	4.30	30	
4,6-Dinitro-2-methylphenol	0.966	0.37	mg/Kg dry	1.83	ND	52.9	30-130	7.22	30	
2,4-Dinitrophenol	0.860	0.72	mg/Kg dry	1.83	ND	47.0	30-130	1.81	30	
2,4-Dinitrotoluene	1.14	0.37	mg/Kg dry	1.83	ND	62.4	40-140	4.88	30	
2,6-Dinitrotoluene	1.18	0.37	mg/Kg dry	1.83	ND	64.6	40-140	7.96	30	
Di-n-octylphthalate	1.44	0.37	mg/Kg dry	1.83	ND	78.9	40-140	3.36	30	
Fluoranthene	1.22	0.19	mg/Kg dry	1.83	ND	66.6	40-140	5.58	30	
Fluorene	1.22	0.19	mg/Kg dry	1.83	ND	66.5	40-140	3.17	30	
Hexachlorobenzene	1.21	0.37	mg/Kg dry	1.83	ND	66.4	40-140	3.75	30	
Hexachlorobutadiene	1.33	0.37	mg/Kg dry	1.83	ND	72.6	40-140	0.933	30	
Hexachlorocyclopentadiene	0.743	0.37	mg/Kg dry	1.83	ND	40.7	40-140	0.939	30	
Hexachloroethane	1.07	0.37	mg/Kg dry	1.83	ND	58.7	40-140	1.20	30	
Indeno(1,2,3-cd)pyrene	1.20	0.19	mg/Kg dry	1.83	ND	65.4	40-140	3.55	30	
Isophorone	1.18	0.37	mg/Kg dry	1.83	ND	64.8	40-140	2.05	30	
2-Methylnaphthalene	1.17	0.19	mg/Kg dry	1.83	ND	64.1	40-140	2.31	30	
2-Methylphenol	0.988	0.37	mg/Kg dry	1.83	ND	54.0	30-130	2.09	30	
3/4-Methylphenol	1.04	0.37	mg/Kg dry	1.83	ND	57.1	30-130	0.837	30	
Naphthalene	1.12	0.19	mg/Kg dry	1.83	ND	61.5	40-140	3.55	30	
2-Nitroaniline	1.19	0.37	mg/Kg dry	1.83	ND	64.9	40-140	3.09	30	
3-Nitroaniline	1.09	0.37	mg/Kg dry	1.83	ND	59.4	40-140	2.49	30	
4-Nitroaniline	1.14	0.37	mg/Kg dry	1.83	ND	62.5	40-140	8.84	30	
Nitrobenzene	1.14	0.37	mg/Kg dry	1.83	ND	62.6	40-140	0.701	30	
2-Nitrophenol	1.16	0.37	mg/Kg dry	1.83	ND	63.6	30-130	1.44	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546											
Matrix Spike Dup (B183687-MSD1)		**Source: 17H0058-09**		Prepared: 08/09/17 Analyzed: 08/10/17							
4-Nitrophenol	1.06	0.72	mg/Kg dry	1.83	ND	58.2		30-130	3.81	30	
N-Nitrosodiphenylamine	1.54	0.37	mg/Kg dry	1.83	ND	84.2		40-140	4.03	30	
N-Nitrosodi-n-propylamine	1.04	0.37	mg/Kg dry	1.83	ND	57.2		40-140	0.0349	30	
Pentachloronitrobenzene	1.30	0.37	mg/Kg dry	1.83	ND	71.1		40-140	5.05	30	V-16
Pentachlorophenol	0.770	0.37	mg/Kg dry	1.83	ND	42.1		30-130	4.27	30	
Phenanthrene	1.18	0.19	mg/Kg dry	1.83	ND	64.5		40-140	4.37	30	
Phenol	0.993	0.37	mg/Kg dry	1.83	ND	54.3		30-130	1.97	30	
Pyrene	1.39	0.19	mg/Kg dry	1.83	ND	76.1		40-140	3.23	30	
Pyridine	0.716	0.37	mg/Kg dry	1.83	ND	**39.2**	*	40-140	0.813	30	MS-09
1,2,4,5-Tetrachlorobenzene	1.32	0.37	mg/Kg dry	1.83	ND	72.4		40-140	3.53	30	
1,2,4-Trichlorobenzene	1.15	0.37	mg/Kg dry	1.83	ND	62.7		40-140	3.26	30	
2,4,5-Trichlorophenol	1.21	0.37	mg/Kg dry	1.83	ND	66.5		30-130	5.10	30	
2,4,6-Trichlorophenol	1.24	0.37	mg/Kg dry	1.83	ND	67.9		30-130	2.62	30	
Surrogate: 2-Fluorophenol	*4.95*		mg/Kg dry	7.31		67.7		30-130			
Surrogate: Phenol-d6	*4.81*		mg/Kg dry	7.31		65.8		30-130			
Surrogate: Nitrobenzene-d5	*2.76*		mg/Kg dry	3.65		75.5		30-130			
Surrogate: 2-Fluorobiphenyl	*2.96*		mg/Kg dry	3.65		81.0		30-130			
Surrogate: 2,4,6-Tribromophenol	*6.65*		mg/Kg dry	7.31		91.0		30-130			
Surrogate: p-Terphenyl-d14	*3.47*		mg/Kg dry	3.65		94.9		30-130			
Matrix Spike Dup (B183687-MSD2)		**Source: 17H0058-11**		Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.13	0.18	mg/Kg dry	1.75	ND	64.1		40-140	4.12	30	
Acenaphthylene	1.14	0.18	mg/Kg dry	1.75	ND	64.7		40-140	3.40	30	
Aniline	0.597	0.36	mg/Kg dry	1.75	ND	**34.0**	*	40-140	14.9	30	MS-09
Anthracene	1.12	0.18	mg/Kg dry	1.75	ND	63.8		40-140	7.89	30	
Benzo(a)anthracene	1.28	0.18	mg/Kg dry	1.75	0.160	63.6		40-140	9.06	30	
Benzo(a)pyrene	1.25	0.18	mg/Kg dry	1.75	0.166	61.9		40-140	10.0	30	
Benzo(b)fluoranthene	1.13	0.18	mg/Kg dry	1.75	0.220	52.0		40-140	19.0	30	
Benzo(g,h,i)perylene	1.29	0.18	mg/Kg dry	1.75	0.143	65.1		40-140	13.2	30	
Benzo(k)fluoranthene	1.16	0.18	mg/Kg dry	1.75	0.0800	61.4		40-140	8.92	30	
Bis(2-chloroethoxy)methane	1.14	0.36	mg/Kg dry	1.75	ND	65.1		40-140	3.02	30	
Bis(2-chloroethyl)ether	1.05	0.36	mg/Kg dry	1.75	ND	59.8		40-140	8.65	30	
Bis(2-chloroisopropyl)ether	0.956	0.36	mg/Kg dry	1.75	ND	54.5		40-140	7.62	30	
Bis(2-Ethylhexyl)phthalate	1.49	0.36	mg/Kg dry	1.75	ND	85.1		40-140	0.258	30	
4-Bromophenylphenylether	1.15	0.36	mg/Kg dry	1.75	ND	65.7		40-140	7.70	30	
Butylbenzylphthalate	1.54	0.36	mg/Kg dry	1.75	ND	87.9		40-140	1.49	30	
Carbazole	1.12	0.18	mg/Kg dry	1.75	ND	63.7		40-140	8.56	30	
4-Chloroaniline	0.781	0.69	mg/Kg dry	1.75	ND	44.5		40-140	9.34	30	
4-Chloro-3-methylphenol	1.16	0.69	mg/Kg dry	1.75	ND	66.3		30-130	1.08	30	
2-Chloronaphthalene	0.952	0.36	mg/Kg dry	1.75	ND	54.3		40-140	3.08	30	
2-Chlorophenol	1.03	0.36	mg/Kg dry	1.75	ND	58.8		30-130	2.22	30	
4-Chlorophenylphenylether	1.19	0.36	mg/Kg dry	1.75	ND	67.6		40-140	5.02	30	
Chrysene	1.27	0.18	mg/Kg dry	1.75	0.179	62.0		40-140	8.53	30	
Dibenz(a,h)anthracene	1.20	0.18	mg/Kg dry	1.75	ND	68.7		40-140	8.05	30	
Dibenzofuran	1.18	0.36	mg/Kg dry	1.75	ND	67.5		40-140	5.56	30	
Di-n-butylphthalate	1.12	0.36	mg/Kg dry	1.75	ND	64.1		40-140	4.30	30	
3,3-Dichlorobenzidine	0.848	0.18	mg/Kg dry	1.75	ND	48.4		40-140	8.10	30	
2,4-Dichlorophenol	1.12	0.36	mg/Kg dry	1.75	ND	63.9		30-130	5.89	30	
Diethylphthalate	1.25	0.36	mg/Kg dry	1.75	ND	71.4		40-140	3.77	30	
2,4-Dimethylphenol	1.14	0.36	mg/Kg dry	1.75	ND	64.9		30-130	1.05	30	
Dimethylphthalate	1.20	0.36	mg/Kg dry	1.75	ND	68.3		40-140	4.86	30	
4,6-Dinitro-2-methylphenol	0.853	0.36	mg/Kg dry	1.75	ND	48.6		30-130	10.7	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183687 - SW-846 3546											
Matrix Spike Dup (B183687-MSD2)		**Source: 17H0058-11**		Prepared: 08/09/17 Analyzed: 08/10/17							
2,4-Dinitrophenol	0.675	0.69	mg/Kg dry	1.75	ND	38.5		30-130	8.75	30	
2,4-Dinitrotoluene	1.11	0.36	mg/Kg dry	1.75	ND	63.3		40-140	4.39	30	
2,6-Dinitrotoluene	1.17	0.36	mg/Kg dry	1.75	ND	66.6		40-140	4.29	30	
Di-n-octylphthalate	1.33	0.36	mg/Kg dry	1.75	ND	76.1		40-140	3.11	30	
Fluoranthene	1.31	0.18	mg/Kg dry	1.75	0.275	59.2		40-140	14.4	30	
Fluorene	1.16	0.18	mg/Kg dry	1.75	ND	66.4		40-140	6.53	30	
Hexachlorobenzene	1.11	0.36	mg/Kg dry	1.75	ND	63.1		40-140	11.3	30	
Hexachlorobutadiene	1.22	0.36	mg/Kg dry	1.75	ND	69.6		40-140	5.75	30	
Hexachlorocyclopentadiene	0.644	0.36	mg/Kg dry	1.75	ND	**36.7**	*	40-140	5.66	30	MS-09
Hexachloroethane	0.984	0.36	mg/Kg dry	1.75	ND	56.1		40-140	1.65	30	
Indeno(1,2,3-cd)pyrene	1.19	0.18	mg/Kg dry	1.75	ND	68.1		40-140	10.1	30	
Isophorone	1.15	0.36	mg/Kg dry	1.75	ND	65.5		40-140	2.78	30	
2-Methylnaphthalene	1.14	0.18	mg/Kg dry	1.75	ND	65.1		40-140	1.80	30	
2-Methylphenol	0.937	0.36	mg/Kg dry	1.75	ND	53.4		30-130	2.33	30	
3/4-Methylphenol	1.00	0.36	mg/Kg dry	1.75	ND	57.2		30-130	0.593	30	
Naphthalene	1.11	0.18	mg/Kg dry	1.75	ND	63.4		40-140	2.46	30	
2-Nitroaniline	1.19	0.36	mg/Kg dry	1.75	ND	68.0		40-140	2.59	30	
3-Nitroaniline	1.05	0.36	mg/Kg dry	1.75	ND	60.1		40-140	2.82	30	
4-Nitroaniline	1.18	0.36	mg/Kg dry	1.75	ND	67.3		40-140	1.56	30	
Nitrobenzene	1.12	0.36	mg/Kg dry	1.75	ND	63.6		40-140	3.75	30	
2-Nitrophenol	1.09	0.36	mg/Kg dry	1.75	ND	62.3		30-130	1.69	30	
4-Nitrophenol	1.08	0.69	mg/Kg dry	1.75	ND	61.8		30-130	3.66	30	
N-Nitrosodiphenylamine	1.46	0.36	mg/Kg dry	1.75	ND	83.0		40-140	6.37	30	
N-Nitrosodi-n-propylamine	1.00	0.36	mg/Kg dry	1.75	ND	57.2		40-140	2.80	30	
Pentachloronitrobenzene	1.18	0.36	mg/Kg dry	1.75	ND	67.4		40-140	15.0	30	V-16
Pentachlorophenol	0.562	0.36	mg/Kg dry	1.75	ND	32.1		30-130	16.8	30	
Phenanthrene	1.18	0.18	mg/Kg dry	1.75	0.102	61.5		40-140	15.5	30	
Phenol	0.969	0.36	mg/Kg dry	1.75	ND	55.3		30-130	2.83	30	
Pyrene	1.74	0.18	mg/Kg dry	1.75	0.308	81.6		40-140	6.82	30	
Pyridine	0.657	0.36	mg/Kg dry	1.75	ND	**37.4**	*	40-140	0.639	30	MS-09
1,2,4,5-Tetrachlorobenzene	1.25	0.36	mg/Kg dry	1.75	ND	71.1		40-140	5.50	30	
1,2,4-Trichlorobenzene	1.07	0.36	mg/Kg dry	1.75	ND	61.2		40-140	3.31	30	
2,4,5-Trichlorophenol	1.16	0.36	mg/Kg dry	1.75	ND	66.3		30-130	5.66	30	
2,4,6-Trichlorophenol	1.16	0.36	mg/Kg dry	1.75	ND	65.9		30-130	6.06	30	
Surrogate: 2-Fluorophenol	*4.67*		mg/Kg dry	7.02		66.6		30-130			
Surrogate: Phenol-d6	*4.62*		mg/Kg dry	7.02		65.8		30-130			
Surrogate: Nitrobenzene-d5	*2.72*		mg/Kg dry	3.51		77.6		30-130			
Surrogate: 2-Fluorobiphenyl	*2.85*		mg/Kg dry	3.51		81.2		30-130			
Surrogate: 2,4,6-Tribromophenol	*6.29*		mg/Kg dry	7.02		89.6		30-130			
Surrogate: p-Terphenyl-d14	*3.65*		mg/Kg dry	3.51		104		30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B184001 - SW-846 3540C										
Blank (B184001-BLK1)				Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg wet	0.200		91.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.189*		mg/Kg wet	0.200		94.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.185*		mg/Kg wet	0.200		92.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.198*		mg/Kg wet	0.200		99.0	30-150			
LCS (B184001-BS1)				Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		81.9	40-140			
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		83.9	40-140			
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		69.5	40-140			
Aroclor-1260 [2C]	0.14	0.020	mg/Kg wet	0.200		69.1	40-140			
Surrogate: Decachlorobiphenyl	*0.156*		mg/Kg wet	0.200		78.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.162*		mg/Kg wet	0.200		81.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		85.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.184*		mg/Kg wet	0.200		92.0	30-150			
LCS Dup (B184001-BSD1)				Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		99.9	40-140	19.8	30	
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		101	40-140	18.1	30	
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		87.7	40-140	23.1	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		87.8	40-140	23.8	30	
Surrogate: Decachlorobiphenyl	*0.193*		mg/Kg wet	0.200		96.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.202*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.207*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.221*		mg/Kg wet	0.200		111	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B184001 - SW-846 3540C										
Matrix Spike (B184001-MS1)		**Source: 17H0058-09**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.20	0.11	mg/Kg dry	0.219	ND	92.0	40-140			
Aroclor-1016 [2C]	0.23	0.11	mg/Kg dry	0.219	ND	106	40-140			
Aroclor-1260	0.17	0.11	mg/Kg dry	0.219	ND	78.9	40-140			
Aroclor-1260 [2C]	0.20	0.11	mg/Kg dry	0.219	ND	91.9	40-140			
Surrogate: Decachlorobiphenyl	*0.163*		mg/Kg dry	0.219		74.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg dry	0.219		82.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.189*		mg/Kg dry	0.219		86.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg dry	0.219		96.3	30-150			
Matrix Spike (B184001-MS2)		**Source: 17H0058-11**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.21	0.10	mg/Kg dry	0.208	ND	98.8	40-140			
Aroclor-1016 [2C]	0.22	0.10	mg/Kg dry	0.208	ND	107	40-140			
Aroclor-1260	0.18	0.10	mg/Kg dry	0.208	ND	85.9	40-140			
Aroclor-1260 [2C]	0.20	0.10	mg/Kg dry	0.208	ND	96.4	40-140			
Surrogate: Decachlorobiphenyl	*0.153*		mg/Kg dry	0.208		73.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.170*		mg/Kg dry	0.208		81.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.182*		mg/Kg dry	0.208		87.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.200*		mg/Kg dry	0.208		95.7	30-150			
Matrix Spike (B184001-MS3)		**Source: 17H0058-19**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.21	0.11	mg/Kg dry	0.220	ND	94.7	40-140			
Aroclor-1016 [2C]	0.24	0.11	mg/Kg dry	0.220	ND	110	40-140			
Aroclor-1260	0.17	0.11	mg/Kg dry	0.220	ND	75.5	40-140			
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.220	ND	86.5	40-140			
Surrogate: Decachlorobiphenyl	*0.167*		mg/Kg dry	0.220		75.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.184*		mg/Kg dry	0.220		83.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.202*		mg/Kg dry	0.220		91.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.221*		mg/Kg dry	0.220		100	30-150			
Matrix Spike Dup (B184001-MSD1)		**Source: 17H0058-09**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.19	0.11	mg/Kg dry	0.217	ND	87.7	40-140	5.84	50	
Aroclor-1016 [2C]	0.21	0.11	mg/Kg dry	0.217	ND	97.8	40-140	9.04	50	
Aroclor-1260	0.16	0.11	mg/Kg dry	0.217	ND	75.0	40-140	5.98	50	
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.217	ND	86.1	40-140	7.55	50	
Surrogate: Decachlorobiphenyl	*0.141*		mg/Kg dry	0.217		64.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.157*		mg/Kg dry	0.217		72.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.166*		mg/Kg dry	0.217		76.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.185*		mg/Kg dry	0.217		85.1	30-150			
Matrix Spike Dup (B184001-MSD2)		**Source: 17H0058-11**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.19	0.11	mg/Kg dry	0.211	ND	90.4	40-140	7.93	50	
Aroclor-1016 [2C]	0.21	0.11	mg/Kg dry	0.211	ND	99.6	40-140	6.29	50	
Aroclor-1260	0.17	0.11	mg/Kg dry	0.211	ND	80.7	40-140	5.30	50	
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.211	ND	92.4	40-140	3.33	50	
Surrogate: Decachlorobiphenyl	*0.146*		mg/Kg dry	0.211		69.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.163*		mg/Kg dry	0.211		77.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.173*		mg/Kg dry	0.211		82.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.195*		mg/Kg dry	0.211		92.5	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B184001 - SW-846 3540C										
Matrix Spike Dup (B184001-MSD3)		**Source: 17H0058-19**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.20	0.11	mg/Kg dry	0.222	ND	89.4	40-140	4.72	50	
Aroclor-1016 [2C]	0.23	0.11	mg/Kg dry	0.222	ND	105	40-140	3.92	50	
Aroclor-1260	0.16	0.11	mg/Kg dry	0.222	ND	72.4	40-140	3.25	50	
Aroclor-1260 [2C]	0.19	0.11	mg/Kg dry	0.222	ND	83.5	40-140	2.57	50	
Surrogate: Decachlorobiphenyl	*0.159*		mg/Kg dry	0.222		71.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg dry	0.222		78.9	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg dry	0.222		83.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.208*		mg/Kg dry	0.222		93.5	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD		RPD Limit	Notes
Batch B183688 - SW-846 3546											
Blank (B183688-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17							
CT ETPH	ND	10	mg/Kg wet								
Surrogate: o-Terphenyl	*2.64*		mg/Kg wet	3.33		79.3	50-150				
LCS (B183688-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17							
CT ETPH	22.0	10	mg/Kg wet	33.3		66.1	60-120				
Surrogate: o-Terphenyl	*2.66*		mg/Kg wet	3.33		79.9	50-150				
LCS Dup (B183688-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
CT ETPH	22.0	10	mg/Kg wet	33.3		66.1	60-120	0.00241		30	
Surrogate: o-Terphenyl	*2.51*		mg/Kg wet	3.33		75.4	50-150				
Matrix Spike (B183688-MS2)	**Source: 17H0058-11**			Prepared: 08/09/17 Analyzed: 08/10/17							
CT ETPH	54.2	11	mg/Kg dry	35.1	11.2	123	50-150				R-06
Surrogate: o-Terphenyl	*2.26*		mg/Kg dry	3.51		64.5	50-150				
Matrix Spike Dup (B183688-MSD2)	**Source: 17H0058-11**			Prepared: 08/09/17 Analyzed: 08/10/17							
CT ETPH	32.5	11	mg/Kg dry	35.1	11.2	60.7	50-150	**50.1**	*	30	R-06
Surrogate: o-Terphenyl	*2.28*		mg/Kg dry	3.51		65.0	50-150				

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183537 - SW-846 7471										
Blank (B183537-BLK1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B183537-BS1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	9.14	1.9	mg/Kg wet	9.36		97.6	73.7-126.3			
LCS Dup (B183537-BSD1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	8.96	1.9	mg/Kg wet	9.36		95.7	73.7-126.3	1.95	30	
Duplicate (B183537-DUP1)		**Source: 17H0058-11**		Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	0.0544	0.026	mg/Kg dry		0.0599			9.49	35	
Matrix Spike (B183537-MS1)		**Source: 17H0058-11**		Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	0.202	0.026	mg/Kg dry	0.171	0.0599	82.8	75-125			
Matrix Spike Dup (B183537-MSD1)		**Source: 17H0058-11**		Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	0.199	0.026	mg/Kg dry	0.174	0.0599	79.7	75-125	1.36	35	
Batch B183630 - SW-846 3050B										
Blank (B183630-BLK1)				Prepared: 08/08/17 Analyzed: 08/09/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	1.6	1.0	mg/Kg wet							B
LCS (B183630-BS1)				Prepared: 08/08/17 Analyzed: 08/09/17						
Antimony	71.2	5.0	mg/Kg wet	88.2		80.7	0-210.3			
Arsenic	51.9	5.0	mg/Kg wet	57.0		91.0	77.8-122.1			
Barium	107	5.0	mg/Kg wet	110		96.8	82-117.4			
Beryllium	69.6	0.50	mg/Kg wet	67.5		103	82.3-117.7			
Cadmium	78.1	0.50	mg/Kg wet	77.8		100	81.9-118.2			
Chromium	64.8	1.0	mg/Kg wet	65.0		99.7	78.7-120.6			
Copper	57.0	1.0	mg/Kg wet	56.4		101	80.4-119.6			
Lead	76.0	1.5	mg/Kg wet	85.6		88.8	82.4-117.8			
Nickel	60.1	1.0	mg/Kg wet	61.3		98.1	82.2-117.8			
Selenium	69.6	10	mg/Kg wet	78.9		88.3	77.1-122.3			
Silver	53.0	1.0	mg/Kg wet	54.2		97.7	74.3-125.4			
Thallium	164	5.0	mg/Kg wet	178		92.1	78.2-121.6			
Vanadium	49.6	2.0	mg/Kg wet	56.3		88.2	64.8-135.2			
Zinc	200	2.0	mg/Kg wet	198		101	79.7-120.8			B

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183630 - SW-846 3050B											
LCS Dup (B183630-BSD1)				Prepared: 08/08/17 Analyzed: 08/09/17							
Antimony	74.8	5.0	mg/Kg wet	88.2		84.8		0-210.3	4.95	30	
Arsenic	54.3	5.0	mg/Kg wet	57.0		95.3		77.8-122.1	4.65	30	
Barium	109	5.0	mg/Kg wet	110		98.7		82-117.4	1.86	30	
Beryllium	67.3	0.50	mg/Kg wet	67.5		99.7		82.3-117.7	3.42	30	
Cadmium	83.7	0.50	mg/Kg wet	77.8		108		81.9-118.2	6.98	30	
Chromium	67.6	0.99	mg/Kg wet	65.0		104		78.7-120.6	4.33	30	
Copper	58.9	0.99	mg/Kg wet	56.4		104		80.4-119.6	3.29	30	
Lead	76.5	1.5	mg/Kg wet	85.6		89.4		82.4-117.8	0.647	30	
Nickel	63.3	0.99	mg/Kg wet	61.3		103		82.2-117.8	5.15	30	
Selenium	73.8	9.9	mg/Kg wet	78.9		93.6		77.1-122.3	5.81	30	
Silver	56.3	0.99	mg/Kg wet	54.2		104		74.3-125.4	6.04	30	
Thallium	176	5.0	mg/Kg wet	178		99.0		78.2-121.6	7.19	30	
Vanadium	52.2	2.0	mg/Kg wet	56.3		92.7		64.8-135.2	4.97	30	
Zinc	206	2.0	mg/Kg wet	198		104		79.7-120.8	3.17	30	B
Duplicate (B183630-DUP1)		**Source: 17H0058-11**		Prepared: 08/08/17 Analyzed: 08/09/17							
Antimony	ND	2.5	mg/Kg dry		ND				NC	35	
Arsenic	ND	2.5	mg/Kg dry		ND				NC	35	
Barium	36.1	2.5	mg/Kg dry		35.4				1.92	35	
Beryllium	0.330	0.25	mg/Kg dry		0.325				1.67	35	
Cadmium	0.333	0.25	mg/Kg dry		0.462				32.4	35	
Chromium	11.6	0.51	mg/Kg dry		8.23				33.8	35	
Copper	42.3	0.51	mg/Kg dry		42.0				0.641	35	
Lead	24.3	0.76	mg/Kg dry		23.6				2.81	35	L-10
Nickel	10.6	0.51	mg/Kg dry		9.59				10.0	35	
Selenium	ND	5.1	mg/Kg dry		ND				NC	35	
Silver	ND	0.51	mg/Kg dry		ND				NC	35	
Thallium	ND	2.5	mg/Kg dry		ND				NC	35	
Vanadium	30.2	1.0	mg/Kg dry		30.8				1.78	35	
Zinc	46.4	1.0	mg/Kg dry		42.3				9.11	35	B-07, B
MRL Check (B183630-MRL1)				Prepared: 08/08/17 Analyzed: 08/09/17							
Lead	0.993	0.74	mg/Kg wet	0.735		**135**	*	80-120			L-10
Matrix Spike (B183630-MS1)		**Source: 17H0058-11**		Prepared: 08/08/17 Analyzed: 08/09/17							
Antimony	12.2	2.5	mg/Kg dry	25.4	ND	**48.2**	*	75-125			MS-07A
Arsenic	25.7	2.5	mg/Kg dry	25.4	1.57	95.0		75-125			
Barium	64.8	2.5	mg/Kg dry	25.4	35.4	116		75-125			
Beryllium	26.3	0.25	mg/Kg dry	25.4	0.325	102		75-125			
Cadmium	27.1	0.25	mg/Kg dry	25.4	0.462	105		75-125			
Chromium	34.5	0.51	mg/Kg dry	25.4	8.23	103		75-125			
Copper	76.1	0.51	mg/Kg dry	25.4	42.0	**134**	*	75-125			MS-22
Lead	47.0	0.76	mg/Kg dry	25.4	23.6	91.9		75-125			
Nickel	34.8	0.51	mg/Kg dry	25.4	9.59	99.4		75-125			
Selenium	18.0	5.1	mg/Kg dry	25.4	ND	**70.7**	*	75-125			MS-22
Silver	25.6	0.51	mg/Kg dry	25.4	ND	101		75-125			
Thallium	22.0	2.5	mg/Kg dry	25.4	ND	86.5		75-125			
Vanadium	58.2	1.0	mg/Kg dry	25.4	30.8	108		75-125			
Zinc	71.7	1.0	mg/Kg dry	25.4	42.3	116		75-125			B

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B183630 - SW-846 3050B												
Matrix Spike Dup (B183630-MSD1)		**Source: 17H0058-11**		Prepared: 08/08/17 Analyzed: 08/09/17								
Antimony	12.6	2.6	mg/Kg dry	25.8	ND	**48.8**	*	75-125	3.10		35	MS-07A
Arsenic	26.0	2.6	mg/Kg dry	25.8	1.57	94.4		75-125	1.02		35	
Barium	57.9	2.6	mg/Kg dry	25.8	35.4	86.8		75-125	11.3		35	
Beryllium	26.4	0.26	mg/Kg dry	25.8	0.325	101		75-125	0.199		35	
Cadmium	27.9	0.26	mg/Kg dry	25.8	0.462	106		75-125	2.97		35	
Chromium	33.5	0.52	mg/Kg dry	25.8	8.23	97.6		75-125	2.97		35	
Copper	67.0	0.52	mg/Kg dry	25.8	42.0	96.9		75-125	12.7		35	
Lead	73.5	0.78	mg/Kg dry	25.8	23.6	**193**	*	75-125	**44.1**	*	35	MS-23
Nickel	35.1	0.52	mg/Kg dry	25.8	9.59	98.7		75-125	0.764		35	
Selenium	20.5	5.2	mg/Kg dry	25.8	ND	79.4		75-125	13.3		35	
Silver	26.3	0.52	mg/Kg dry	25.8	ND	102		75-125	2.59		35	
Thallium	23.0	2.6	mg/Kg dry	25.8	ND	89.1		75-125	4.72		35	
Vanadium	52.9	1.0	mg/Kg dry	25.8	30.8	85.7		75-125	9.41		35	
Zinc	66.7	1.0	mg/Kg dry	25.8	42.3	94.4		75-125	7.29		35	B

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183482 - % Solids										
Duplicate (B183482-DUP1)		**Source: 17H0058-09**		Prepared: 08/07/17 Analyzed: 08/08/17						
% Solids	91.6		% Wt		91.2			0.438	20	
Duplicate (B183482-DUP2)		**Source: 17H0058-11**		Prepared: 08/07/17 Analyzed: 08/08/17						
% Solids	95.8		% Wt		95.0			0.839	20	
Duplicate (B183482-DUP3)		**Source: 17H0058-19**		Prepared: 08/07/17 Analyzed: 08/08/17						
% Solids	90.6		% Wt		89.9			0.776	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-31-1

Lab Sample ID: 17H0058-01

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.2	
	2	0.000	-0.030	0.030	5.1	1.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-31-2

Lab Sample ID: 17H0058-02

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	18	
	2	0.000	-0.030	0.030	18	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC3-SO-1-1

Lab Sample ID: 17H0058-07

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.32	
	2	0.000	-0.030	0.030	0.36	8.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC3-SO-2-1

Lab Sample ID: 17H0058-10

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.24	18.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-48-1

Lab Sample ID: 17H0058-14

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	3.6	
	2	0.000	-0.030	0.030	3.9	8.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-48-2

Lab Sample ID: 17H0058-15

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	6.1	
	2	0.000	-0.030	0.030	6.3	3.2

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-48-3

Lab Sample ID: 17H0058-16

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	84	
	2	0.000	-0.030	0.030	87	3.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-48-4A

Lab Sample ID: 17H0058-17

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.33	
	2	0.000	-0.030	0.030	0.38	14.1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated blank as well as in the sample.
B-07	Data is not affected by elevated level in blank since sample result is >10x level found in the blank.
L-10	The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be bias on the high side.
MS-07A	Matrix spike and spike duplicate recovery is outside of control limits. Analysis is in control based on laboratory fortified blank recovery. Possiblity of matrix effects that lead to low bias or non-homogeneous sample aliquot cannot be eliminated.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-22	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.
MS-23	Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is outside of the method specified criteria. Reduced precision anticipated for any reported result for this compound.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NH,NY
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH

con-test® ANALYTICAL LABORATORY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH
Fluorene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachloronitrobenzene	NY
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

17H0058

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metal	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
01	WS-AOC9-SO-31-1	8/1/17	9:50		X	S	U	X								
02	WS-AOC9-SO-31-2		9:51					X								
	~~WS-AOC9-SO-31-3~~															
03	WS-AOC9-SO-30-1		9:40					X								
04	WS-AOC9-SO-30-2		9:42					X								
05	WS-AOC9-SO-30-3A		9:44					X								
06	WS-AOC9-SO-30-3B		9:46						X	X						
07	WS-AOC3-SO-1-1		10:04					X								
08	WS-AOC3-SO-1-2		10:05					X		X	X	X	X			
09	WS-AOC3-SO-1-3		10:10					X		X	X	X	X			

Comments:
WS-AOC 3-SO-1-3 (MS-MSD) VOCs only
Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17 5PM
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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con-test ANALYTICAL LABORATORY
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Email: info@contestlabs.com

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http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metal	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
10	WS-AOC3-SO-2-1	8/1/17	10:26		X	S	U	X								
11	WS-AOC3-SO-2-2	↓	10:30		↓	↓	↓	X		X	X	X	X			
12	WS-AOC3-SO-2-3		10:34					X		X	X	X	X			
13	WS-AOC3-SO-2-4		10:38					X		X	X	X	X			
14	WS-AOC9-SO-48-1		10:40					X								
15	WS-AOC9-SO-48-2		10:42					X								
16	WS-AOC9-SO-48-3		10:44					X								
17	WS-AOC9-SO-48-4A		10:46					X								
18	WS-AOC9-SO-48-4B		10:48						X	X						
19	WS-AOC9-SO-47-1	↓	11:00		↓	↓	↓	X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
WS-AOC3-SO-2-2 (MS-MSD) All except VOC!
Please hold excess volumes for possible SPLP analyses.
WS-AOC3-SO-47-1 (MS-MSD)

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
	8/1/17 1525
Received by: (signature)	Date/Time:
	8/1/17 1525
Relinquished by: (signature)	Date/Time:
	8/1/17 OPL
Received by: (signature) 3.9	Date/Time:
	8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
GW RES DEC
Other

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

8/1/17 1700

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/1/17 Time 1700

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.9, 2.8, 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? T
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	29
Meoh-	7	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	14	Other Plastic		Other Glass		Encore	2
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/1/17 1700	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A081017.SEC\A0810007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/10/17
Data File Name	A0810007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	549789	587403	-6
c - 10	1.63	570796	587403	-3
c - 12	2.35	588096	587403	0
c - 14	3.01	598274	587403	2
c - 16	3.62	610876	587403	4
c - 18	4.23	602897	587403	3
o-Terphenyl	4.51	673282	587403	
c - 20	4.84	609692	587403	4
c - 22	5.34	618889	587403	5
c - 24	5.78	575484	587403	-2
c - 26	6.17	603193	587403	3
c - 28	6.53	591414	587403	1
c - 30	6.86	587541	587403	0
c - 32	7.17	570324	587403	-3
c - 34	7.46	568452	587403	-3
c - 36	7.78	565330	587403	-4

* One compound allowed %D <= 50%

Samples

17H0066-01RE1
17H0066-02RE1

D:\HPCHEM\1\DATA\A081017\A0810006.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/10/17
Data File Name	A0810006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	431989	461906	-6
c - 10	1.64	447601	461906	-3
c - 12	2.37	460504	461906	0
c - 14	3.05	469314	461906	2
c - 16	3.66	480138	461906	4
c - 18	4.29	474119	461906	3
o-Terphenyl	4.57	522769	461906	
c - 20	4.90	477615	461906	3
c - 22	5.40	480223	461906	4
c - 24	5.84	443377	461906	-4
c - 26	6.24	463794	461906	0
c - 28	6.60	458650	461906	-1
c - 30	6.93	461551	461906	0
c - 32	7.25	457112	461906	-1
c - 34	7.54	461242	461906	0
c - 36	7.90	461367	461906	0

* One compound allowed %D <= 50%

Samples

17H0058-12
17H0058-13
17H0059-06
17H0059-07
17H0059-11
17H0059-14
17H0059-17
17H0059-05
17H0058-06@5X
17H0058-08@5X
17H0058-18@5X
17H0059-03@5X
17H0064-07

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H0058

Laboratory Sample ID(s):

17H0058-01 thru 17H0058-19

Sample Date(s):

08/01/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/23/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 24, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H0059

Enclosed are results of analyses for samples received by the laboratory on August 1, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/24/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H0059

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC9-SO-47-2	17H0059-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-47-3A	17H0059-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-47-3B	17H0059-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC3-SO-3-1	17H0059-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC3-SO-3-2	17H0059-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SO-3-3	17H0059-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SO-3-4	17H0059-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8270D	
WS-AOC9-SO-45-1	17H0059-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-45-2	17H0059-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-45-3A	17H0059-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-45-3B	17H0059-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC9-SO-34-1	17H0059-12	Soil		SM 2540G	
				SW-846 8082A	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/24/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H0059

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC9-SO-34-2	17H0059-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-34-3	17H0059-14	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
				SW-846 8270D	
WS-AOC9-SO-46-1	17H0059-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-46-2A	17H0059-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-46-2B	17H0059-17	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC9-SO-46-3	17H0059-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-33-1	17H0059-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-33-2	17H0059-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 6010C-D

Qualifications:

B

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:

Zinc
17H0059-05[WS-AOC3-SO-3-2], 17H0059-06[WS-AOC3-SO-3-3], B183630-BLK1, B183630-BS1, B183630-BSD1

B-07

Data is not affected by elevated level in blank since sample result is >10x level found in the blank.

Analyte & Samples(s) Qualified:

Zinc
17H0059-05[WS-AOC3-SO-3-2], 17H0059-06[WS-AOC3-SO-3-3]

L-10

The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be bias on the high side.

Analyte & Samples(s) Qualified:

Lead
17H0059-05[WS-AOC3-SO-3-2], 17H0059-06[WS-AOC3-SO-3-3], 17H0059-07[WS-AOC3-SO-3-4], B183630-MRL1

SW-846 8260C

Qualifications:

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Tetrahydrofuran
17H0059-05[WS-AOC3-SO-3-2], 17H0059-06[WS-AOC3-SO-3-3], B183261-BLK1, B183261-BS1

SW-846 8270D

Qualifications:

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

Dibenz(a,h)anthracene
17H0059-03[WS-AOC9-SO-47-3B]

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene
17H0059-05[WS-AOC3-SO-3-2], 17H0059-06[WS-AOC3-SO-3-3], 17H0059-07[WS-AOC3-SO-3-4], B183689-BLK1, B183689-BS1, B183689-BSD1

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SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

SW-846 8270D

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-2 Sampled: 8/1/2017 11:02

Sample ID: 17H0059-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:36	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.8	30-150		8/23/17 16:36
Decachlorobiphenyl [2]	83.2	30-150		8/23/17 16:36
Tetrachloro-m-xylene [1]	86.6	30-150		8/23/17 16:36
Tetrachloro-m-xylene [2]	90.3	30-150		8/23/17 16:36

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-2 Sampled: 8/1/2017 11:02

Sample ID: 17H0059-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-3A Sampled: 8/1/2017 11:04

Sample ID: 17H0059-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1221 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1232 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1242 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1248 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1254 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1260 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1262 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL
Aroclor-1268 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 16:53	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.9	30-150		8/23/17 16:53
Decachlorobiphenyl [2]	90.3	30-150		8/23/17 16:53
Tetrachloro-m-xylene [1]	83.4	30-150		8/23/17 16:53
Tetrachloro-m-xylene [2]	88.0	30-150		8/23/17 16:53

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-3A Sampled: 8/1/2017 11:04

Sample ID: 17H0059-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	60.8		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-3B Sampled: 8/1/2017 11:06

Sample ID: 17H0059-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Acenaphthylene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Anthracene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Benzo(a)anthracene	1.1	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Benzo(a)pyrene	1.0	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Benzo(b)fluoranthene	1.1	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Benzo(g,h,i)perylene	0.60	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Benzo(k)fluoranthene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Chrysene	0.95	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Dibenz(a,h)anthracene	ND	0.59	mg/Kg dry	2	RL-12	SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Fluoranthene	2.3	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Fluorene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Indeno(1,2,3-cd)pyrene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
2-Methylnaphthalene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Naphthalene	ND	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Phenanthrene	0.79	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL
Pyrene	2.4	0.59	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 10:36	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	52.0	30-130		8/15/17 10:36
2-Fluorobiphenyl	55.4	30-130		8/15/17 10:36
p-Terphenyl-d14	66.0	30-130		8/15/17 10:36

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-3B Sampled: 8/1/2017 11:06

Sample ID: 17H0059-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	200	86	mg/Kg dry	5		CTDEP ETPH	8/9/17	8/10/17 12:30	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	61.4	50-150		8/10/17 12:30

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-47-3B Sampled: 8/1/2017 11:06

Sample ID: 17H0059-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-1 Sampled: 8/1/2017 11:10

Sample ID: 17H0059-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1260 [2]	0.22	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:10	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.3	30-150		8/23/17 17:10
Decachlorobiphenyl [2]	89.8	30-150		8/23/17 17:10
Tetrachloro-m-xylene [1]	85.6	30-150		8/23/17 17:10
Tetrachloro-m-xylene [2]	89.6	30-150		8/23/17 17:10

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-1 Sampled: 8/1/2017 11:10

Sample ID: 17H0059-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.9		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1	V-16	SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 14:47	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/3/17 14:47
Toluene-d8	103	70-130		8/3/17 14:47
4-Bromofluorobenzene	104	70-130		8/3/17 14:47

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Acenaphthylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Aniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Benzo(a)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Benzo(a)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Benzo(b)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Benzo(g,h,i)perylene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Benzo(k)fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Bis(2-chloroethoxy)methane	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Bis(2-chloroethyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Bis(2-chloroisopropyl)ether	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4-Bromophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Butylbenzylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Carbazole	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4-Chloroaniline	ND	0.81	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4-Chloro-3-methylphenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2-Chloronaphthalene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2-Chlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4-Chlorophenylphenylether	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Chrysene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Dibenz(a,h)anthracene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Dibenzofuran	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Di-n-butylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
3,3-Dichlorobenzidine	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,4-Dichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Diethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,4-Dimethylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Dimethylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4,6-Dinitro-2-methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,4-Dinitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,4-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,6-Dinitrotoluene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Di-n-octylphthalate	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Fluoranthene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Fluorene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Hexachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Hexachlorobutadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Hexachlorocyclopentadiene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Hexachloroethane	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Indeno(1,2,3-cd)pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Isophorone	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2-Methylnaphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
3/4-Methylphenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Naphthalene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
3-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4-Nitroaniline	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Nitrobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2-Nitrophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
4-Nitrophenol	ND	0.81	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
N-Nitrosodiphenylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
N-Nitrosodi-n-propylamine	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Pentachloronitrobenzene	ND	0.42	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Pentachlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Phenanthrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Phenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Pyrene	ND	0.21	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
Pyridine	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
1,2,4-Trichlorobenzene	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,4,5-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL
2,4,6-Trichlorophenol	ND	0.42	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 19:50	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	48.5	30-130		8/10/17 19:50
Phenol-d6	47.9	30-130		8/10/17 19:50
Nitrobenzene-d5	54.7	30-130		8/10/17 19:50
2-Fluorobiphenyl	58.8	30-130		8/10/17 19:50
2,4,6-Tribromophenol	56.4	30-130		8/10/17 19:50
p-Terphenyl-d14	66.0	30-130		8/10/17 19:50

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:28	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.0	30-150		8/23/17 17:28
Decachlorobiphenyl [2]	86.9	30-150		8/23/17 17:28
Tetrachloro-m-xylene [1]	88.6	30-150		8/23/17 17:28
Tetrachloro-m-xylene [2]	94.4	30-150		8/23/17 17:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	53	12	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 11:18	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	67.1	50-150		8/10/17 11:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Arsenic	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Barium	41	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Beryllium	0.48	0.29	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Cadmium	ND	0.29	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Chromium	9.2	0.58	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Copper	50	0.58	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Lead	82	0.87	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Mercury	0.048	0.030	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:18	SCB
Nickel	11	0.58	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Selenium	ND	5.8	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Silver	ND	0.58	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Vanadium	19	1.2	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW
Zinc	63	1.2	mg/Kg dry	1	B, B-07	SW-846 6010C-D	8/8/17	8/9/17 16:08	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H0059-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Acrylonitrile	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Carbon Disulfide	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Chloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
trans-1,4-Dichloro-2-butene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Methylene Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Naphthalene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	V-16	SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 15:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	108	70-130		8/3/17 15:15
Toluene-d8	105	70-130		8/3/17 15:15
4-Bromofluorobenzene	102	70-130		8/3/17 15:15

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4-Chloroaniline	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4-Chloro-3-methylphenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,4-Dinitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
4-Nitrophenol	ND	0.76	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:13	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	68.2	30-130		8/10/17 20:13
Phenol-d6	66.1	30-130		8/10/17 20:13
Nitrobenzene-d5	72.7	30-130		8/10/17 20:13
2-Fluorobiphenyl	76.0	30-130		8/10/17 20:13
2,4,6-Tribromophenol	84.3	30-130		8/10/17 20:13
p-Terphenyl-d14	88.0	30-130		8/10/17 20:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 17:45	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.7	30-150		8/23/17 17:45
Decachlorobiphenyl [2]	86.4	30-150		8/23/17 17:45
Tetrachloro-m-xylene [1]	89.5	30-150		8/23/17 17:45
Tetrachloro-m-xylene [2]	93.3	30-150		8/23/17 17:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	11	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 9:48	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	68.2	50-150		8/10/17 9:48

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Arsenic	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Barium	20	2.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Cadmium	ND	0.27	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Chromium	4.7	0.54	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Copper	6.4	0.54	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Lead	12	0.81	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Mercury	0.036	0.028	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:20	SCB
Nickel	3.2	0.54	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Selenium	ND	5.4	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Silver	ND	0.54	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Vanadium	12	1.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW
Zinc	17	1.1	mg/Kg dry	1	B, B-07	SW-846 6010C-D	8/8/17	8/9/17 16:13	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H0059-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-4 Sampled: 8/1/2017 11:13

Sample ID: 17H0059-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Acenaphthylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Aniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Benzo(a)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Benzo(a)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Benzo(b)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Benzo(g,h,i)perylene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Benzo(k)fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Bis(2-chloroethoxy)methane	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Bis(2-chloroethyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Bis(2-chloroisopropyl)ether	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4-Bromophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Butylbenzylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Carbazole	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4-Chloroaniline	ND	0.84	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4-Chloro-3-methylphenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2-Chloronaphthalene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2-Chlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4-Chlorophenylphenylether	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Chrysene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Dibenz(a,h)anthracene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Dibenzofuran	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Di-n-butylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
3,3-Dichlorobenzidine	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,4-Dichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Diethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,4-Dimethylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Dimethylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4,6-Dinitro-2-methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,4-Dinitrophenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,4-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,6-Dinitrotoluene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Di-n-octylphthalate	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Fluoranthene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Fluorene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Hexachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Hexachlorobutadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Hexachlorocyclopentadiene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Hexachloroethane	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Indeno(1,2,3-cd)pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Isophorone	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2-Methylnaphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-4 Sampled: 8/1/2017 11:13

Sample ID: 17H0059-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
3/4-Methylphenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Naphthalene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
3-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4-Nitroaniline	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Nitrobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2-Nitrophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
4-Nitrophenol	ND	0.84	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
N-Nitrosodiphenylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
N-Nitrosodi-n-propylamine	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Pentachloronitrobenzene	ND	0.43	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Pentachlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Phenanthrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Phenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Pyrene	ND	0.22	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
Pyridine	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
1,2,4-Trichlorobenzene	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,4,5-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL
2,4,6-Trichlorophenol	ND	0.43	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:36	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	67.0	30-130		8/10/17 20:36
Phenol-d6	65.7	30-130		8/10/17 20:36
Nitrobenzene-d5	65.5	30-130		8/10/17 20:36
2-Fluorobiphenyl	76.7	30-130		8/10/17 20:36
2,4,6-Tribromophenol	84.8	30-130		8/10/17 20:36
p-Terphenyl-d14	91.4	30-130		8/10/17 20:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-4 Sampled: 8/1/2017 11:13

Sample ID: 17H0059-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1260 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:02	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	68.3	30-150		8/23/17 18:02
Decachlorobiphenyl [2]	74.0	30-150		8/23/17 18:02
Tetrachloro-m-xylene [1]	45.6	30-150		8/23/17 18:02
Tetrachloro-m-xylene [2]	50.2	30-150		8/23/17 18:02

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-4 Sampled: 8/1/2017 11:13

Sample ID: 17H0059-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	13	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 10:06	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	69.3	50-150		8/10/17 10:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-4 Sampled: 8/1/2017 11:13

Sample ID: 17H0059-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Arsenic	ND	3.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Barium	28	3.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Beryllium	ND	0.31	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Cadmium	ND	0.31	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Chromium	6.2	0.63	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Copper	8.4	0.63	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Lead	11	0.94	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Mercury	0.048	0.031	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:22	SCB
Nickel	4.6	0.63	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Selenium	ND	6.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Silver	ND	0.63	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Thallium	ND	3.1	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Vanadium	16	1.3	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:12	QNW
Zinc	23	1.2	mg/Kg dry	1		SW-846 6010C-D	8/11/17	8/14/17 12:47	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-3-4 Sampled: 8/1/2017 11:13

Sample ID: 17H0059-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-1 Sampled: 8/1/2017 11:40

Sample ID: 17H0059-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1260 [2]	0.78	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL
Aroclor-1268 [2]	0.50	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:20	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	86.2	30-150		8/23/17 18:20
Decachlorobiphenyl [2]	96.5	30-150		8/23/17 18:20
Tetrachloro-m-xylene [1]	84.0	30-150		8/23/17 18:20
Tetrachloro-m-xylene [2]	89.3	30-150		8/23/17 18:20

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-1 Sampled: 8/1/2017 11:40

Sample ID: 17H0059-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	98.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-2 Sampled: 8/1/2017 11:42

Sample ID: 17H0059-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1260 [2]	0.23	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL
Aroclor-1268 [2]	0.10	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 18:37	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.7	30-150		8/23/17 18:37
Decachlorobiphenyl [2]	83.0	30-150		8/23/17 18:37
Tetrachloro-m-xylene [1]	81.0	30-150		8/23/17 18:37
Tetrachloro-m-xylene [2]	84.1	30-150		8/23/17 18:37

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-2 Sampled: 8/1/2017 11:42

Sample ID: 17H0059-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	96.5		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-3A Sampled: 8/1/2017 11:44

Sample ID: 17H0059-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:41	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.9	30-150		8/23/17 19:41
Decachlorobiphenyl [2]	84.6	30-150		8/23/17 19:41
Tetrachloro-m-xylene [1]	84.2	30-150		8/23/17 19:41
Tetrachloro-m-xylene [2]	88.2	30-150		8/23/17 19:41

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-3A Sampled: 8/1/2017 11:44

Sample ID: 17H0059-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-3B Sampled: 8/1/2017 11:46

Sample ID: 17H0059-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Acenaphthylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Benzo(a)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Benzo(a)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Benzo(b)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Benzo(g,h,i)perylene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Benzo(k)fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Chrysene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Dibenz(a,h)anthracene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Fluoranthene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Fluorene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Indeno(1,2,3-cd)pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
2-Methylnaphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Naphthalene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Phenanthrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL
Pyrene	ND	0.20	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:13	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	72.4	30-130		8/11/17 1:13
2-Fluorobiphenyl	74.4	30-130		8/11/17 1:13
p-Terphenyl-d14	81.4	30-130		8/11/17 1:13

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-3B Sampled: 8/1/2017 11:46

Sample ID: 17H0059-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	12	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 10:24	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	72.5	50-150		8/10/17 10:24

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-45-3B Sampled: 8/1/2017 11:46

Sample ID: 17H0059-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-1 Sampled: 8/1/2017 11:43

Sample ID: 17H0059-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 19:58	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.9	30-150		8/23/17 19:58
Decachlorobiphenyl [2]	98.6	30-150		8/23/17 19:58
Tetrachloro-m-xylene [1]	97.9	30-150		8/23/17 19:58
Tetrachloro-m-xylene [2]	103	30-150		8/23/17 19:58

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-1 Sampled: 8/1/2017 11:43

Sample ID: 17H0059-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-2 Sampled: 8/1/2017 11:44

Sample ID: 17H0059-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:15	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.3	30-150		8/23/17 20:15
Decachlorobiphenyl [2]	100	30-150		8/23/17 20:15
Tetrachloro-m-xylene [1]	96.8	30-150		8/23/17 20:15
Tetrachloro-m-xylene [2]	101	30-150		8/23/17 20:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-2 Sampled: 8/1/2017 11:44

Sample ID: 17H0059-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.4		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-3 Sampled: 8/1/2017 11:45

Sample ID: 17H0059-14

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Acenaphthylene	ND	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Anthracene	0.36	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Benzo(a)anthracene	0.95	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Benzo(a)pyrene	0.76	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Benzo(b)fluoranthene	0.86	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Benzo(g,h,i)perylene	0.60	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Benzo(k)fluoranthene	0.36	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Chrysene	0.96	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Dibenz(a,h)anthracene	ND	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Fluoranthene	2.3	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Fluorene	ND	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Indeno(1,2,3-cd)pyrene	0.55	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
2-Methylnaphthalene	ND	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Naphthalene	ND	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Phenanthrene	2.1	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL
Pyrene	2.3	0.26	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:36	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	58.7	30-130		8/11/17 1:36
2-Fluorobiphenyl	58.9	30-130		8/11/17 1:36
p-Terphenyl-d14	65.6	30-130		8/11/17 1:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-3 Sampled: 8/1/2017 11:45

Sample ID: 17H0059-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1221 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1232 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1242 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1248 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1254 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1260 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1262 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL
Aroclor-1268 [1]	ND	0.15	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:33	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.7	30-150		8/23/17 20:33
Decachlorobiphenyl [2]	107	30-150		8/23/17 20:33
Tetrachloro-m-xylene [1]	104	30-150		8/23/17 20:33
Tetrachloro-m-xylene [2]	106	30-150		8/23/17 20:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-3 Sampled: 8/1/2017 11:45

Sample ID: 17H0059-14

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	21	15	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 10:42	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	55.6	50-150		8/10/17 10:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-34-3 Sampled: 8/1/2017 11:45

Sample ID: 17H0059-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	65.1		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-1 Sampled: 8/1/2017 12:00

Sample ID: 17H0059-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 20:50	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.4	30-150		8/23/17 20:50
Decachlorobiphenyl [2]	102	30-150		8/23/17 20:50
Tetrachloro-m-xylene [1]	93.1	30-150		8/23/17 20:50
Tetrachloro-m-xylene [2]	97.4	30-150		8/23/17 20:50

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-1 Sampled: 8/1/2017 12:00

Sample ID: 17H0059-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.6		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-2A Sampled: 8/1/2017 12:02

Sample ID: 17H0059-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1221 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1232 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1242 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1248 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1254 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1260 [2]	0.13	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1262 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL
Aroclor-1268 [1]	ND	0.13	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:07	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.6	30-150		8/23/17 21:07
Decachlorobiphenyl [2]	104	30-150		8/23/17 21:07
Tetrachloro-m-xylene [1]	93.6	30-150		8/23/17 21:07
Tetrachloro-m-xylene [2]	98.0	30-150		8/23/17 21:07

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-2A Sampled: 8/1/2017 12:02

Sample ID: 17H0059-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-2B Sampled: 8/1/2017 12:04

Sample ID: 17H0059-17

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Acenaphthylene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Anthracene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Benzo(a)anthracene	0.31	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Benzo(a)pyrene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Benzo(b)fluoranthene	0.37	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Benzo(g,h,i)perylene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Benzo(k)fluoranthene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Chrysene	0.38	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Dibenz(a,h)anthracene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Fluoranthene	0.57	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Fluorene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Indeno(1,2,3-cd)pyrene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
2-Methylnaphthalene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Naphthalene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Phenanthrene	ND	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL
Pyrene	0.71	0.31	mg/Kg dry	1		SW-846 8270D	8/9/17	8/11/17 1:59	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	65.4	30-130		8/11/17 1:59
2-Fluorobiphenyl	72.3	30-130		8/11/17 1:59
p-Terphenyl-d14	85.0	30-130		8/11/17 1:59

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-2B Sampled: 8/1/2017 12:04

Sample ID: 17H0059-17

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	54	18	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 11:00	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	66.9	50-150		8/10/17 11:00

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-2B Sampled: 8/1/2017 12:04

Sample ID: 17H0059-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	54.5		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-3 Sampled: 8/1/2017 12:06

Sample ID: 17H0059-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1260 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:25	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.9	30-150		8/23/17 21:25
Decachlorobiphenyl [2]	97.8	30-150		8/23/17 21:25
Tetrachloro-m-xylene [1]	92.8	30-150		8/23/17 21:25
Tetrachloro-m-xylene [2]	94.7	30-150		8/23/17 21:25

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-46-3 Sampled: 8/1/2017 12:06

Sample ID: 17H0059-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	69.5		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-33-1 Sampled: 8/1/2017 12:00

Sample ID: 17H0059-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1260 [2]	1.0	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:42	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.2	30-150		8/23/17 21:42
Decachlorobiphenyl [2]	89.8	30-150		8/23/17 21:42
Tetrachloro-m-xylene [1]	84.4	30-150		8/23/17 21:42
Tetrachloro-m-xylene [2]	91.3	30-150		8/23/17 21:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-33-1 Sampled: 8/1/2017 12:00

Sample ID: 17H0059-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.2		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-33-2 Sampled: 8/1/2017 12:01

Sample ID: 17H0059-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1260 [2]	0.13	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/14/17	8/23/17 21:59	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.7	30-150		8/23/17 21:59
Decachlorobiphenyl [2]	96.1	30-150		8/23/17 21:59
Tetrachloro-m-xylene [1]	101	30-150		8/23/17 21:59
Tetrachloro-m-xylene [2]	106	30-150		8/23/17 21:59

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0059

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-33-2 Sampled: 8/1/2017 12:01

Sample ID: 17H0059-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-03 [WS-AOC9-SO-47-3B]	B183688	30.3	1.00	08/09/17
17H0059-05 [WS-AOC3-SO-3-2]	B183688	30.0	1.00	08/09/17
17H0059-06 [WS-AOC3-SO-3-3]	B183688	30.0	1.00	08/09/17
17H0059-07 [WS-AOC3-SO-3-4]	B183688	30.0	1.00	08/09/17
17H0059-11 [WS-AOC9-SO-45-3B]	B183688	30.0	1.00	08/09/17
17H0059-14 [WS-AOC9-SO-34-3]	B183688	30.0	1.00	08/09/17
17H0059-17 [WS-AOC9-SO-46-2B]	B183688	30.0	1.00	08/09/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H0059-01 [WS-AOC9-SO-47-2]	B183482	08/07/17
17H0059-02 [WS-AOC9-SO-47-3A]	B183482	08/07/17
17H0059-03 [WS-AOC9-SO-47-3B]	B183482	08/07/17
17H0059-04 [WS-AOC3-SO-3-1]	B183482	08/07/17
17H0059-05 [WS-AOC3-SO-3-2]	B183482	08/07/17
17H0059-06 [WS-AOC3-SO-3-3]	B183482	08/07/17
17H0059-07 [WS-AOC3-SO-3-4]	B183482	08/07/17
17H0059-08 [WS-AOC9-SO-45-1]	B183482	08/07/17
17H0059-09 [WS-AOC9-SO-45-2]	B183482	08/07/17
17H0059-10 [WS-AOC9-SO-45-3A]	B183482	08/07/17
17H0059-11 [WS-AOC9-SO-45-3B]	B183482	08/07/17
17H0059-12 [WS-AOC9-SO-34-1]	B183482	08/07/17
17H0059-13 [WS-AOC9-SO-34-2]	B183482	08/07/17
17H0059-14 [WS-AOC9-SO-34-3]	B183482	08/07/17
17H0059-15 [WS-AOC9-SO-46-1]	B183482	08/07/17
17H0059-16 [WS-AOC9-SO-46-2A]	B183482	08/07/17
17H0059-17 [WS-AOC9-SO-46-2B]	B183482	08/07/17
17H0059-18 [WS-AOC9-SO-46-3]	B183482	08/07/17
17H0059-19 [WS-AOC9-SO-33-1]	B183482	08/07/17
17H0059-20 [WS-AOC9-SO-33-2]	B183482	08/07/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-05 [WS-AOC3-SO-3-2]	B183630	1.06	50.0	08/08/17
17H0059-06 [WS-AOC3-SO-3-3]	B183630	1.06	50.0	08/08/17
17H0059-07 [WS-AOC3-SO-3-4]	B183630	1.01	50.0	08/08/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-07RE1 [WS-AOC3-SO-3-4]	B183902	1.03	50.0	08/11/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-05 [WS-AOC3-SO-3-2]	B183537	0.617	50.0	08/08/17
17H0059-06 [WS-AOC3-SO-3-3]	B183537	0.624	50.0	08/08/17
17H0059-07 [WS-AOC3-SO-3-4]	B183537	0.612	50.0	08/08/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-01 [WS-AOC9-SO-47-2]	B184002	10.0	10.0	08/14/17
17H0059-02 [WS-AOC9-SO-47-3A]	B184002	10.0	10.0	08/14/17
17H0059-04 [WS-AOC3-SO-3-1]	B184002	10.1	10.0	08/14/17
17H0059-05 [WS-AOC3-SO-3-2]	B184002	10.1	10.0	08/14/17
17H0059-06 [WS-AOC3-SO-3-3]	B184002	10.0	10.0	08/14/17
17H0059-07 [WS-AOC3-SO-3-4]	B184002	10.1	10.0	08/14/17
17H0059-08 [WS-AOC9-SO-45-1]	B184002	10.1	10.0	08/14/17
17H0059-09 [WS-AOC9-SO-45-2]	B184002	10.0	10.0	08/14/17
17H0059-10 [WS-AOC9-SO-45-3A]	B184002	10.2	10.0	08/14/17
17H0059-12 [WS-AOC9-SO-34-1]	B184002	10.0	10.0	08/14/17
17H0059-13 [WS-AOC9-SO-34-2]	B184002	10.3	10.0	08/14/17
17H0059-14 [WS-AOC9-SO-34-3]	B184002	10.2	10.0	08/14/17
17H0059-15 [WS-AOC9-SO-46-1]	B184002	10.2	10.0	08/14/17
17H0059-16 [WS-AOC9-SO-46-2A]	B184002	10.1	10.0	08/14/17
17H0059-18 [WS-AOC9-SO-46-3]	B184002	10.3	10.0	08/14/17
17H0059-19 [WS-AOC9-SO-33-1]	B184002	10.0	10.0	08/14/17
17H0059-20 [WS-AOC9-SO-33-2]	B184002	10.2	10.0	08/14/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-05 [WS-AOC3-SO-3-2]	B183261	6.70	10.0	08/03/17
17H0059-06 [WS-AOC3-SO-3-3]	B183261	8.75	10.0	08/03/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0059-03 [WS-AOC9-SO-47-3B]	B183689	30.0	1.00	08/09/17
17H0059-05 [WS-AOC3-SO-3-2]	B183689	30.0	1.00	08/09/17
17H0059-06 [WS-AOC3-SO-3-3]	B183689	30.0	1.00	08/09/17
17H0059-07 [WS-AOC3-SO-3-4]	B183689	30.0	1.00	08/09/17
17H0059-11 [WS-AOC9-SO-45-3B]	B183689	30.0	1.00	08/09/17
17H0059-14 [WS-AOC9-SO-34-3]	B183689	30.0	1.00	08/09/17
17H0059-17 [WS-AOC9-SO-46-2B]	B183689	30.0	1.00	08/09/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183261 - SW-846 5035										
Blank (B183261-BLK1)				Prepared & Analyzed: 08/03/17						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183261 - SW-846 5035										
Blank (B183261-BLK1)				Prepared & Analyzed: 08/03/17						
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0504*		mg/Kg wet	0.0500		101	70-130			
Surrogate: Toluene-d8	*0.0527*		mg/Kg wet	0.0500		105	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0516*		mg/Kg wet	0.0500		103	70-130			
LCS (B183261-BS1)				Prepared & Analyzed: 08/03/17						
Acetone	0.185	0.10	mg/Kg wet	0.200		92.6	70-130			
Acrylonitrile	0.0258	0.0060	mg/Kg wet	0.0200		129	70-130			
Benzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130			
Bromobenzene	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130			
Bromodichloromethane	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130			
Bromoform	0.0161	0.0020	mg/Kg wet	0.0200		80.5	70-130			
Bromomethane	0.0193	0.010	mg/Kg wet	0.0200		96.5	70-130			
2-Butanone (MEK)	0.239	0.040	mg/Kg wet	0.200		120	70-130			
n-Butylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130			
sec-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
tert-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
Carbon Disulfide	0.202	0.0060	mg/Kg wet	0.200		101	70-130			
Carbon Tetrachloride	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
Chlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130			
Chlorodibromomethane	0.0188	0.0010	mg/Kg wet	0.0200		93.9	70-130			
Chloroethane	0.0169	0.020	mg/Kg wet	0.0200		84.7	70-130			
Chloroform	0.0187	0.0040	mg/Kg wet	0.0200		93.4	70-130			
Chloromethane	0.0214	0.010	mg/Kg wet	0.0200		107	70-130			
2-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130			
4-Chlorotoluene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130			
1,2-Dibromoethane (EDB)	0.0190	0.0010	mg/Kg wet	0.0200		94.9	70-130			
Dibromomethane	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130			
1,2-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130			
1,3-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130			
1,4-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
trans-1,4-Dichloro-2-butene	0.0196	0.0040	mg/Kg wet	0.0200		97.9	70-130			
Dichlorodifluoromethane (Freon 12)	0.0222	0.020	mg/Kg wet	0.0200		111	70-130			
1,1-Dichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,2-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183261 - SW-846 5035										
LCS (B183261-BS1)				Prepared & Analyzed: 08/03/17						
cis-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
trans-1,2-Dichloroethylene	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130			
1,2-Dichloropropane	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		101	70-130			
2,2-Dichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130			
1,1-Dichloropropene	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130			
cis-1,3-Dichloropropene	0.0190	0.0010	mg/Kg wet	0.0200		94.9	70-130			
trans-1,3-Dichloropropene	0.0179	0.0010	mg/Kg wet	0.0200		89.4	70-130			
Ethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130			
Hexachlorobutadiene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130			
2-Hexanone (MBK)	0.229	0.020	mg/Kg wet	0.200		114	70-130			
Isopropylbenzene (Cumene)	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130			
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0186	0.0040	mg/Kg wet	0.0200		93.1	70-130			
Methylene Chloride	0.0233	0.020	mg/Kg wet	0.0200		117	70-130			
4-Methyl-2-pentanone (MIBK)	0.233	0.020	mg/Kg wet	0.200		116	70-130			
Naphthalene	0.0162	0.0040	mg/Kg wet	0.0200		80.9	70-130			
n-Propylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130			
Styrene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130			
1,1,1,2-Tetrachloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130			
1,1,2,2-Tetrachloroethane	0.0169	0.0010	mg/Kg wet	0.0200		84.5	70-130			
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
Tetrahydrofuran	0.0183	0.010	mg/Kg wet	0.0200		91.6	70-130			V-16
Toluene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130			
1,2,3-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		83.8	70-130			
1,2,4-Trichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130			
1,1,1-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2-Trichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130			
Trichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
Trichlorofluoromethane (Freon 11)	0.0231	0.010	mg/Kg wet	0.0200		116	70-130			
1,2,3-Trichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0224	0.010	mg/Kg wet	0.0200		112	70-130			
1,2,4-Trimethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130			
1,3,5-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130			
Vinyl Chloride	0.0188	0.010	mg/Kg wet	0.0200		93.8	70-130			
m+p Xylene	0.0376	0.0040	mg/Kg wet	0.0400		94.0	70-130			
o-Xylene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0506*		mg/Kg wet	0.0500		101	70-130			
Surrogate: Toluene-d8	*0.0531*		mg/Kg wet	0.0500		106	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0520*		mg/Kg wet	0.0500		104	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183689 - SW-846 3546										
Blank (B183689-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183689 - SW-846 3546											
Blank (B183689-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17							
4-Nitrophenol	ND	0.66	mg/Kg wet								
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet								
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet								
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet								
Phenanthrene	ND	0.17	mg/Kg wet								
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet								
Pyridine	ND	0.34	mg/Kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet								
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*5.26*		mg/Kg wet	6.67		79.0	30-130				
Surrogate: Phenol-d6	*5.05*		mg/Kg wet	6.67		75.7	30-130				
Surrogate: Nitrobenzene-d5	*2.74*		mg/Kg wet	3.33		82.1	30-130				
Surrogate: 2-Fluorobiphenyl	*2.84*		mg/Kg wet	3.33		85.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.74*		mg/Kg wet	6.67		101	30-130				
Surrogate: p-Terphenyl-d14	*3.47*		mg/Kg wet	3.33		104	30-130				
LCS (B183689-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140				
Acenaphthylene	1.23	0.17	mg/Kg wet	1.67		73.9	40-140				
Aniline	1.03	0.34	mg/Kg wet	1.67		61.8	40-140				†
Anthracene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140				
Benzo(a)pyrene	1.36	0.17	mg/Kg wet	1.67		81.7	40-140				
Benzo(b)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.1	40-140				
Benzo(g,h,i)perylene	1.64	0.17	mg/Kg wet	1.67		98.2	40-140				
Benzo(k)fluoranthene	1.29	0.17	mg/Kg wet	1.67		77.1	40-140				
Bis(2-chloroethoxy)methane	1.27	0.34	mg/Kg wet	1.67		76.1	40-140				
Bis(2-chloroethyl)ether	1.08	0.34	mg/Kg wet	1.67		65.1	40-140				
Bis(2-chloroisopropyl)ether	1.10	0.34	mg/Kg wet	1.67		65.9	40-140				
Bis(2-Ethylhexyl)phthalate	1.55	0.34	mg/Kg wet	1.67		93.2	40-140				
4-Bromophenylphenylether	1.40	0.34	mg/Kg wet	1.67		83.7	40-140				
Butylbenzylphthalate	1.48	0.34	mg/Kg wet	1.67		88.7	40-140				
Carbazole	1.25	0.17	mg/Kg wet	1.67		75.2	40-140				
4-Chloroaniline	0.988	0.66	mg/Kg wet	1.67		59.3	40-140				†
4-Chloro-3-methylphenol	1.35	0.66	mg/Kg wet	1.67		81.0	30-130				
2-Chloronaphthalene	1.04	0.34	mg/Kg wet	1.67		62.3	40-140				
2-Chlorophenol	1.17	0.34	mg/Kg wet	1.67		70.1	30-130				
4-Chlorophenylphenylether	1.36	0.34	mg/Kg wet	1.67		81.6	40-140				
Chrysene	1.34	0.17	mg/Kg wet	1.67		80.2	40-140				
Dibenz(a,h)anthracene	1.58	0.17	mg/Kg wet	1.67		94.6	40-140				
Dibenzofuran	1.31	0.34	mg/Kg wet	1.67		78.8	40-140				
Di-n-butylphthalate	1.34	0.34	mg/Kg wet	1.67		80.7	40-140				
3,3-Dichlorobenzidine	0.978	0.17	mg/Kg wet	1.67		58.7	40-140				†
2,4-Dichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.4	30-130				
Diethylphthalate	1.40	0.34	mg/Kg wet	1.67		84.1	40-140				
2,4-Dimethylphenol	1.28	0.34	mg/Kg wet	1.67		76.9	30-130				
Dimethylphthalate	1.34	0.34	mg/Kg wet	1.67		80.4	40-140				
4,6-Dinitro-2-methylphenol	1.07	0.34	mg/Kg wet	1.67		64.5	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183689 - SW-846 3546											
LCS (B183689-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17							
2,4-Dinitrophenol	0.782	0.66	mg/Kg wet	1.67		46.9	30-130				
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		73.2	40-140				
2,6-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.3	40-140				
Di-n-octylphthalate	1.41	0.34	mg/Kg wet	1.67		84.5	40-140				
Fluoranthene	1.27	0.17	mg/Kg wet	1.67		75.9	40-140				
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.2	40-140				
Hexachlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.1	40-140				
Hexachlorobutadiene	1.29	0.34	mg/Kg wet	1.67		77.5	40-140				
Hexachlorocyclopentadiene	0.856	0.34	mg/Kg wet	1.67		51.4	30-140				
Hexachloroethane	1.11	0.34	mg/Kg wet	1.67		66.8	40-140				
Indeno(1,2,3-cd)pyrene	1.55	0.17	mg/Kg wet	1.67		92.8	40-140				
Isophorone	1.27	0.34	mg/Kg wet	1.67		75.9	40-140				
2-Methylnaphthalene	1.26	0.17	mg/Kg wet	1.67		75.4	40-140				
2-Methylphenol	1.11	0.34	mg/Kg wet	1.67		66.7	30-130				
3/4-Methylphenol	1.13	0.34	mg/Kg wet	1.67		67.8	30-130				
Naphthalene	1.19	0.17	mg/Kg wet	1.67		71.1	40-140				
2-Nitroaniline	1.32	0.34	mg/Kg wet	1.67		79.1	40-140				
3-Nitroaniline	1.13	0.34	mg/Kg wet	1.67		67.9	40-140				†
4-Nitroaniline	1.23	0.34	mg/Kg wet	1.67		73.9	40-140				
Nitrobenzene	1.23	0.34	mg/Kg wet	1.67		73.5	40-140				
2-Nitrophenol	1.20	0.34	mg/Kg wet	1.67		72.1	30-130				
4-Nitrophenol	1.06	0.66	mg/Kg wet	1.67		63.3	10-130				
N-Nitrosodiphenylamine	1.76	0.34	mg/Kg wet	1.67		105	40-140				
N-Nitrosodi-n-propylamine	1.15	0.34	mg/Kg wet	1.67		69.2	40-140				
Pentachloronitrobenzene	1.45	0.34	mg/Kg wet	1.67		87.1	40-140			V-16	
Pentachlorophenol	0.872	0.34	mg/Kg wet	1.67		52.3	30-130				
Phenanthrene	1.28	0.17	mg/Kg wet	1.67		77.0	40-140				
Phenol	1.12	0.34	mg/Kg wet	1.67		67.1	20-130				
Pyrene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140				
Pyridine	0.832	0.34	mg/Kg wet	1.67		49.9	10-140				†
1,2,4,5-Tetrachlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.4	40-140				
1,2,4-Trichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.4	40-140				
2,4,5-Trichlorophenol	1.30	0.34	mg/Kg wet	1.67		78.0	30-130				
2,4,6-Trichlorophenol	1.31	0.34	mg/Kg wet	1.67		78.8	30-130				
Surrogate: 2-Fluorophenol	*5.54*		mg/Kg wet	6.67		83.1	30-130				
Surrogate: Phenol-d6	*5.42*		mg/Kg wet	6.67		81.2	30-130				
Surrogate: Nitrobenzene-d5	*2.99*		mg/Kg wet	3.33		89.7	30-130				
Surrogate: 2-Fluorobiphenyl	*3.15*		mg/Kg wet	3.33		94.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.51*		mg/Kg wet	6.67		113	30-130				
Surrogate: p-Terphenyl-d14	*3.40*		mg/Kg wet	3.33		102	30-130				
LCS Dup (B183689-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.15	0.17	mg/Kg wet	1.67		68.7	40-140	7.64	30		
Acenaphthylene	1.14	0.17	mg/Kg wet	1.67		68.4	40-140	7.81	30		
Aniline	0.961	0.34	mg/Kg wet	1.67		57.6	40-140	6.93	50		† ‡
Anthracene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	9.53	30		
Benzo(a)anthracene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140	8.54	30		
Benzo(a)pyrene	1.26	0.17	mg/Kg wet	1.67		75.8	40-140	7.49	30		
Benzo(b)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140	0.515	30		
Benzo(g,h,i)perylene	1.50	0.17	mg/Kg wet	1.67		90.0	40-140	8.76	30		
Benzo(k)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140	9.28	30		
Bis(2-chloroethoxy)methane	1.14	0.34	mg/Kg wet	1.67		68.2	40-140	10.9	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183689 - SW-846 3546											
LCS Dup (B183689-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Bis(2-chloroethyl)ether	0.986	0.34	mg/Kg wet	1.67		59.2	40-140	9.56	30		
Bis(2-chloroisopropyl)ether	0.953	0.34	mg/Kg wet	1.67		57.2	40-140	14.3	30		
Bis(2-Ethylhexyl)phthalate	1.40	0.34	mg/Kg wet	1.67		84.2	40-140	10.1	30		
4-Bromophenylphenylether	1.29	0.34	mg/Kg wet	1.67		77.5	40-140	7.66	30		
Butylbenzylphthalate	1.32	0.34	mg/Kg wet	1.67		79.4	40-140	11.1	30		
Carbazole	1.15	0.17	mg/Kg wet	1.67		68.9	40-140	8.63	30		
4-Chloroaniline	0.936	0.66	mg/Kg wet	1.67		56.2	40-140	5.44	30		†
4-Chloro-3-methylphenol	1.22	0.66	mg/Kg wet	1.67		72.9	30-130	10.5	30		
2-Chloronaphthalene	0.961	0.34	mg/Kg wet	1.67		57.6	40-140	7.83	30		
2-Chlorophenol	1.07	0.34	mg/Kg wet	1.67		64.3	30-130	8.60	30		
4-Chlorophenylphenylether	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	6.32	30		
Chrysene	1.22	0.17	mg/Kg wet	1.67		73.0	40-140	9.43	30		
Dibenz(a,h)anthracene	1.45	0.17	mg/Kg wet	1.67		86.8	40-140	8.60	30		
Dibenzofuran	1.22	0.34	mg/Kg wet	1.67		73.3	40-140	7.23	30		
Di-n-butylphthalate	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	9.20	30		
3,3-Dichlorobenzidine	0.957	0.17	mg/Kg wet	1.67		57.4	40-140	2.17	30		† ‡
2,4-Dichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.2	30-130	8.29	30		
Diethylphthalate	1.29	0.34	mg/Kg wet	1.67		77.6	40-140	8.06	30		
2,4-Dimethylphenol	1.17	0.34	mg/Kg wet	1.67		70.2	30-130	9.14	30		
Dimethylphthalate	1.24	0.34	mg/Kg wet	1.67		74.1	40-140	8.08	50		
4,6-Dinitro-2-methylphenol	0.998	0.34	mg/Kg wet	1.67		59.9	30-130	7.43	50		
2,4-Dinitrophenol	0.646	0.66	mg/Kg wet	1.67		38.8	30-130	19.1	50		
2,4-Dinitrotoluene	1.11	0.34	mg/Kg wet	1.67		66.5	40-140	9.59	30		
2,6-Dinitrotoluene	1.19	0.34	mg/Kg wet	1.67		71.4	40-140	10.5	30		
Di-n-octylphthalate	1.28	0.34	mg/Kg wet	1.67		76.5	40-140	9.91	30		
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.9	40-140	8.28	30		
Fluorene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140	7.58	30		
Hexachlorobenzene	1.25	0.34	mg/Kg wet	1.67		75.0	40-140	7.89	30		
Hexachlorobutadiene	1.19	0.34	mg/Kg wet	1.67		71.2	40-140	8.50	30		
Hexachlorocyclopentadiene	0.818	0.34	mg/Kg wet	1.67		49.1	30-140	4.62	50		
Hexachloroethane	1.03	0.34	mg/Kg wet	1.67		61.6	40-140	8.16	50		
Indeno(1,2,3-cd)pyrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	10.1	50		
Indeno(1,2,3-cd)pyrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	10.1	30		
Isophorone	1.12	0.34	mg/Kg wet	1.67		67.1	40-140	12.4	30		
2-Methylnaphthalene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140	10.5	30		
2-Methylphenol	0.991	0.34	mg/Kg wet	1.67		59.5	30-130	11.5	30		
3/4-Methylphenol	1.02	0.34	mg/Kg wet	1.67		61.1	30-130	10.3	30		
Naphthalene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140	9.36	30		
2-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.3	40-140	11.8	30		
3-Nitroaniline	1.09	0.34	mg/Kg wet	1.67		65.6	40-140	3.41	30		†
4-Nitroaniline	1.10	0.34	mg/Kg wet	1.67		65.9	40-140	11.4	30		
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.8	40-140	12.6	30		
2-Nitrophenol	1.10	0.34	mg/Kg wet	1.67		66.0	30-130	8.81	30		
4-Nitrophenol	0.924	0.66	mg/Kg wet	1.67		55.5	10-130	13.3	50		‡
N-Nitrosodiphenylamine	1.62	0.34	mg/Kg wet	1.67		97.2	40-140	7.96	30		
N-Nitrosodi-n-propylamine	1.02	0.34	mg/Kg wet	1.67		61.3	40-140	12.0	30		
Pentachloronitrobenzene	1.40	0.34	mg/Kg wet	1.67		84.3	40-140	3.31	30	V-16	
Pentachlorophenol	0.799	0.34	mg/Kg wet	1.67		47.9	30-130	8.82	50		
Phenanthrene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	8.84	30		
Phenol	1.01	0.34	mg/Kg wet	1.67		60.4	20-130	10.5	30		
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.7	40-140	9.48	30		
Pyridine	0.753	0.34	mg/Kg wet	1.67		45.2	10-140	10.0	50		†

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183689 - SW-846 3546										
LCS Dup (B183689-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17						
1,2,4,5-Tetrachlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.0	40-140	5.65	30	
1,2,4-Trichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.7	40-140	11.4	30	
2,4,5-Trichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.4	30-130	8.80	30	
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.6	30-130	6.83	50	
Surrogate: 2-Fluorophenol	*5.03*		mg/Kg wet	6.67		75.4	30-130			
Surrogate: Phenol-d6	*4.86*		mg/Kg wet	6.67		72.8	30-130			
Surrogate: Nitrobenzene-d5	*2.66*		mg/Kg wet	3.33		79.8	30-130			
Surrogate: 2-Fluorobiphenyl	*2.94*		mg/Kg wet	3.33		88.1	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.02*		mg/Kg wet	6.67		105	30-130			
Surrogate: p-Terphenyl-d14	*3.11*		mg/Kg wet	3.33		93.4	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B184002 - SW-846 3540C										
Blank (B184002-BLK1)				Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.170*		mg/Kg wet	0.200		85.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.180*		mg/Kg wet	0.200		90.1	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg wet	0.200		87.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.179*		mg/Kg wet	0.200		89.4	30-150			
LCS (B184002-BS1)				Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		99.1	40-140			
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		99.0	40-140			
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		86.3	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		87.3	40-140			
Surrogate: Decachlorobiphenyl	*0.200*		mg/Kg wet	0.200		99.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.211*		mg/Kg wet	0.200		106	30-150			
Surrogate: Tetrachloro-m-xylene	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS Dup (B184002-BSD1)				Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		90.9	40-140	8.55	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		93.9	40-140	5.29	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		80.2	40-140	7.29	30	
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		80.8	40-140	7.68	30	
Surrogate: Decachlorobiphenyl	*0.184*		mg/Kg wet	0.200		92.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.194*		mg/Kg wet	0.200		97.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.181*		mg/Kg wet	0.200		90.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.185*		mg/Kg wet	0.200		92.7	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B184002 - SW-846 3540C										
Matrix Spike (B184002-MS1)		**Source: 17H0059-09**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.22	0.10	mg/Kg dry	0.203	ND	110	40-140			
Aroclor-1016 [2C]	0.21	0.10	mg/Kg dry	0.203	ND	104	40-140			
Aroclor-1260	0.40	0.10	mg/Kg dry	0.203	0.21	94.4	40-140			
Aroclor-1260 [2C]	0.43	0.10	mg/Kg dry	0.203	0.23	101	40-140			
Surrogate: Decachlorobiphenyl	*0.163*		mg/Kg dry	0.203		80.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg dry	0.203		89.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg dry	0.203		88.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.188*		mg/Kg dry	0.203		92.5	30-150			
Matrix Spike Dup (B184002-MSD1)		**Source: 17H0059-09**		Prepared: 08/14/17 Analyzed: 08/23/17						
Aroclor-1016	0.22	0.10	mg/Kg dry	0.203	ND	108	40-140	2.14	50	
Aroclor-1016 [2C]	0.20	0.10	mg/Kg dry	0.203	ND	101	40-140	3.35	50	
Aroclor-1260	0.42	0.10	mg/Kg dry	0.203	0.21	106	40-140	5.61	50	
Aroclor-1260 [2C]	0.45	0.10	mg/Kg dry	0.203	0.23	108	40-140	3.51	50	
Surrogate: Decachlorobiphenyl	*0.164*		mg/Kg dry	0.203		80.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.182*		mg/Kg dry	0.203		89.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg dry	0.203		86.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg dry	0.203		91.8	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183688 - SW-846 3546										
Blank (B183688-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.64*		mg/Kg wet	3.33		79.3	50-150			
LCS (B183688-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17						
CT ETPH	22.0	10	mg/Kg wet	33.3		66.1	60-120			
Surrogate: o-Terphenyl	*2.66*		mg/Kg wet	3.33		79.9	50-150			
LCS Dup (B183688-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17						
CT ETPH	22.0	10	mg/Kg wet	33.3		66.1	60-120	0.00241	30	
Surrogate: o-Terphenyl	*2.51*		mg/Kg wet	3.33		75.4	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183537 - SW-846 7471										
Blank (B183537-BLK1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B183537-BS1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	9.14	1.9	mg/Kg wet	9.36		97.6	73.7-126.3			
LCS Dup (B183537-BSD1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	8.96	1.9	mg/Kg wet	9.36		95.7	73.7-126.3	1.95	30	
Batch B183630 - SW-846 3050B										
Blank (B183630-BLK1)				Prepared: 08/08/17 Analyzed: 08/09/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	1.6	1.0	mg/Kg wet							B
LCS (B183630-BS1)				Prepared: 08/08/17 Analyzed: 08/09/17						
Antimony	71.2	5.0	mg/Kg wet	88.2		80.7	0-210.3			
Arsenic	51.9	5.0	mg/Kg wet	57.0		91.0	77.8-122.1			
Barium	107	5.0	mg/Kg wet	110		96.8	82-117.4			
Beryllium	69.6	0.50	mg/Kg wet	67.5		103	82.3-117.7			
Cadmium	78.1	0.50	mg/Kg wet	77.8		100	81.9-118.2			
Chromium	64.8	1.0	mg/Kg wet	65.0		99.7	78.7-120.6			
Copper	57.0	1.0	mg/Kg wet	56.4		101	80.4-119.6			
Lead	76.0	1.5	mg/Kg wet	85.6		88.8	82.4-117.8			
Nickel	60.1	1.0	mg/Kg wet	61.3		98.1	82.2-117.8			
Selenium	69.6	10	mg/Kg wet	78.9		88.3	77.1-122.3			
Silver	53.0	1.0	mg/Kg wet	54.2		97.7	74.3-125.4			
Thallium	164	5.0	mg/Kg wet	178		92.1	78.2-121.6			
Vanadium	49.6	2.0	mg/Kg wet	56.3		88.2	64.8-135.2			
Zinc	200	2.0	mg/Kg wet	198		101	79.7-120.8			B

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183630 - SW-846 3050B											
LCS Dup (B183630-BSD1)				Prepared: 08/08/17 Analyzed: 08/09/17							
Antimony	74.8	5.0	mg/Kg wet	88.2		84.8		0-210.3	4.95	30	
Arsenic	54.3	5.0	mg/Kg wet	57.0		95.3		77.8-122.1	4.65	30	
Barium	109	5.0	mg/Kg wet	110		98.7		82-117.4	1.86	30	
Beryllium	67.3	0.50	mg/Kg wet	67.5		99.7		82.3-117.7	3.42	30	
Cadmium	83.7	0.50	mg/Kg wet	77.8		108		81.9-118.2	6.98	30	
Chromium	67.6	0.99	mg/Kg wet	65.0		104		78.7-120.6	4.33	30	
Copper	58.9	0.99	mg/Kg wet	56.4		104		80.4-119.6	3.29	30	
Lead	76.5	1.5	mg/Kg wet	85.6		89.4		82.4-117.8	0.647	30	
Nickel	63.3	0.99	mg/Kg wet	61.3		103		82.2-117.8	5.15	30	
Selenium	73.8	9.9	mg/Kg wet	78.9		93.6		77.1-122.3	5.81	30	
Silver	56.3	0.99	mg/Kg wet	54.2		104		74.3-125.4	6.04	30	
Thallium	176	5.0	mg/Kg wet	178		99.0		78.2-121.6	7.19	30	
Vanadium	52.2	2.0	mg/Kg wet	56.3		92.7		64.8-135.2	4.97	30	
Zinc	206	2.0	mg/Kg wet	198		104		79.7-120.8	3.17	30	B
MRL Check (B183630-MRL1)				Prepared: 08/08/17 Analyzed: 08/09/17							
Lead	0.993	0.74	mg/Kg wet	0.735		**135**	*	80-120			L-10
Batch B183902 - SW-846 3050B											
Blank (B183902-BLK1)				Prepared: 08/11/17 Analyzed: 08/14/17							
Zinc	ND	1.0	mg/Kg wet								
LCS (B183902-BS1)				Prepared: 08/11/17 Analyzed: 08/14/17							
Zinc	178	2.0	mg/Kg wet	209		85.1		79.7-120.8			
LCS Dup (B183902-BSD1)				Prepared: 08/11/17 Analyzed: 08/14/17							
Zinc	187	2.0	mg/Kg wet	209		89.4		79.7-120.8	5.00	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183482 - % Solids										
Duplicate (B183482-DUP4)		**Source: 17H0059-09**		Prepared: 08/07/17 Analyzed: 08/08/17						
% Solids	95.5		% Wt		96.5			1.04	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC3-SO-3-1

Lab Sample ID: 17H0059-04

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.21	
	2	0.000	-0.030	0.030	0.22	4.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-45-1

Lab Sample ID: 17H0059-08

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.73	
	2	0.000	-0.030	0.030	0.78	6.6
Aroclor-1268	1	0.000	-0.030	0.030	0.48	
	2	0.000	-0.030	0.030	0.50	4.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-45-2

Lab Sample ID: 17H0059-09

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.21	
	2	0.000	-0.030	0.030	0.23	9.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-46-2A

Lab Sample ID: 17H0059-16

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.13	
	2	0.000	-0.030	0.030	0.13	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-33-1

Lab Sample ID: 17H0059-19

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.91	
	2	0.000	-0.030	0.030	1.0	8.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-SO-33-2

Lab Sample ID: 17H0059-20

Date(s) Analyzed: 08/23/2017 08/23/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.12	
	2	0.000	-0.030	0.030	0.13	8.0

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated blank as well as in the sample.
B-07	Data is not affected by elevated level in blank since sample result is >10x level found in the blank.
L-10	The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be bias on the high side.
RL-12	Elevated reporting limit due to matrix interference.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NH,NY
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME

con-test® ANALYTICAL LABORATORY

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH
Fluorene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH
Naphthalene	CT,NY,NH,ME,NC,VA
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachloronitrobenzene	NY
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

17H0059

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	SVOCs	RSR 15 Metal	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
01	WS-AOC9-SO-47-2	8/1/17	11:02		X	S	U	X								
02	WS-AOC9-SO-47-3A		11:04					X								
03	WS-AOC9-SO-47-3B		11:06						X	X						
04	WS-AOC3-SO-3-1		11:10					X								
05	WS-AOC3-SO-3-2		11:11					X		X	X	X	X			
06	WS-AOC3-SO-3-3		11:12					X		X	X	X	X			
07	WS-AOC3-SO-3-4		11:13					X		X	X	X				
08	WS-AOC9-SO-45-1		11:40					X								
09	WS-AOC9-SO-45-2		11:42					X								
10	WS-AOC9-SO-45-3A		11:44					X								

Comments:
WS-AOC9-SO-45-2 (MS-MSD)
Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
GT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

con-test ANALYTICAL LABORATORY
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Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC9-SO-45-3B	8/1/17	11:46		X	S	U		X	X			
12	WS-AOC9-SO-34-1	↓	11:43		↓	↓	↓	X					
13	WS-AOC9-SO-34-2		11:44					X					
14	WS-AOC9-SO-34-3		11:45					X	X	X			
15	WS-AOC9-SO-46-1		12:00					X					
16	WS-AOC9-SO-46-2A		12:02					X					
17	WS-AOC9-SO-46-2B		12:04						X	X			
18	WS-AOC9-SO-46-3		12:06					X					
19	WS-AOC9-SO-33-1		12:00					X					
20	WS-AOC9-SO-33-2	↓	12:01		↓	↓	↓	X					

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17 1705
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #

8/1/17 1700

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/1/17 Time 1700

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.9, 2.8, 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? T
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	26
Meoh-	2	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	4	Other Plastic		Other Glass		Encore	2
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/1/17 1700	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A081017.SEC\A0810007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/10/17
Data File Name	A0810007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	549789	587403	-6
c - 10	1.63	570796	587403	-3
c - 12	2.35	588096	587403	0
c - 14	3.01	598274	587403	2
c - 16	3.62	610876	587403	4
c - 18	4.23	602897	587403	3
o-Terphenyl	4.51	673282	587403	
c - 20	4.84	609692	587403	4
c - 22	5.34	618889	587403	5
c - 24	5.78	575484	587403	-2
c - 26	6.17	603193	587403	3
c - 28	6.53	591414	587403	1
c - 30	6.86	587541	587403	0
c - 32	7.17	570324	587403	-3
c - 34	7.46	568452	587403	-3
c - 36	7.78	565330	587403	-4

* One compound allowed %D </= 50%

Samples

17H0066-01RE1
17H0066-02RE1

D:\HPCHEM\1\DATA\A081017\A0810006.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/10/17
Data File Name	A0810006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	431989	461906	-6
c - 10	1.64	447601	461906	-3
c - 12	2.37	460504	461906	0
c - 14	3.05	469314	461906	2
c - 16	3.66	480138	461906	4
c - 18	4.29	474119	461906	3
o-Terphenyl	4.57	522769	461906	
c - 20	4.90	477615	461906	3
c - 22	5.40	480223	461906	4
c - 24	5.84	443377	461906	-4
c - 26	6.24	463794	461906	0
c - 28	6.60	458650	461906	-1
c - 30	6.93	461551	461906	0
c - 32	7.25	457112	461906	-1
c - 34	7.54	461242	461906	0
c - 36	7.90	461367	461906	0

* One compound allowed %D <= 50%

Samples

17H0058-12
17H0058-13
17H0059-06
17H0059-07
17H0059-11
17H0059-14
17H0059-17
17H0059-05
17H0058-06@5X
17H0058-08@5X
17H0058-18@5X
17H0059-03@5X
17H0064-07

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H0059

Laboratory Sample ID(s):

17H0059-01 thru 17H0059-20

Sample Date(s):

08/01/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/24/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 1, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H0064

Enclosed are results of analyses for samples received by the laboratory on August 1, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/1/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H0064

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC-12W-CO-116	17H0064-01	Product/Solid		SW-846 8082A	
WS-AOC-12W-CO-117	17H0064-02	Product/Solid		SW-846 8082A	
WS-AOC-12W-CO-118	17H0064-03	Product/Solid		SW-846 8082A	
WS-AOC-12W-CO-119	17H0064-04	Product/Solid		SW-846 8082A	
WS-AOC-12W-CO-120	17H0064-05	Product/Solid		SW-846 8082A	
WS-AOC9-SO-DUP-39	17H0064-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC3-SO-DUP-40	17H0064-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC9-SO-DUP-41	17H0064-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-DUP-42	17H0064-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC9-SO-DUP-43	17H0064-10	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC9-SO-DUP-44	17H0064-11	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

REVISED REPORT - 9/1/2017 - 17H0064-11 ID revised.

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CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17H0064-10[WS-AOC9-SO-DUP-43]

SW-846 6010C-D

Qualifications:

B

Analyte is found in the associated blank as well as in the sample.

Analyte & Samples(s) Qualified:

Zinc

17H0064-07[WS-AOC3-SO-DUP-40], B183630-BLK1, B183630-BS1, B183630-BSD1

B-07

Data is not affected by elevated level in blank since sample result is >10x level found in the blank.

Analyte & Samples(s) Qualified:

Zinc

17H0064-07[WS-AOC3-SO-DUP-40]

L-10

The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be bias on the high side.

Analyte & Samples(s) Qualified:

Lead

17H0064-07[WS-AOC3-SO-DUP-40], B183630-MRL1

SW-846 8260C

Qualifications:

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Tetrahydrofuran

17H0064-07[WS-AOC3-SO-DUP-40], B183261-BLK1, B183261-BS1

SW-846 8270D

Qualifications:

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

Fluoranthene

17H0064-10[WS-AOC9-SO-DUP-43]

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene

17H0064-07[WS-AOC3-SO-DUP-40], B183689-BLK1, B183689-BS1, B183689-BSD1

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SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

SW-846 8270D

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Meghan E. Kelley
Project Manager

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC-12W-CO-116 Sampled: 8/1/2017 14:50

Sample ID: 17H0064-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1221 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1232 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1242 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1248 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1254 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1260 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1262 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL
Aroclor-1268 [1]	ND	0.095	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:01	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.9	30-150		8/11/17 1:01
Decachlorobiphenyl [2]	102	30-150		8/11/17 1:01
Tetrachloro-m-xylene [1]	81.7	30-150		8/11/17 1:01
Tetrachloro-m-xylene [2]	93.8	30-150		8/11/17 1:01

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC-12W-CO-117 Sampled: 8/1/2017 14:55

Sample ID: 17H0064-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1221 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1232 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1242 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1248 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1254 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1260 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1262 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL
Aroclor-1268 [1]	ND	0.081	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:19	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.2	30-150		8/11/17 1:19
Decachlorobiphenyl [2]	107	30-150		8/11/17 1:19
Tetrachloro-m-xylene [1]	97.7	30-150		8/11/17 1:19
Tetrachloro-m-xylene [2]	109	30-150		8/11/17 1:19

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC-12W-CO-118 Sampled: 8/1/2017 14:40

Sample ID: 17H0064-03

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1260 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:36	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	95.6	30-150		8/11/17 1:36
Decachlorobiphenyl [2]	106	30-150		8/11/17 1:36
Tetrachloro-m-xylene [1]	96.9	30-150		8/11/17 1:36
Tetrachloro-m-xylene [2]	109	30-150		8/11/17 1:36

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC-12W-CO-119 Sampled: 8/1/2017 14:35

Sample ID: 17H0064-04

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1221 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1232 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1242 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1248 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1254 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1260 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1262 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL
Aroclor-1268 [1]	ND	0.084	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 1:54	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.8	30-150		8/11/17 1:54
Decachlorobiphenyl [2]	99.4	30-150		8/11/17 1:54
Tetrachloro-m-xylene [1]	93.6	30-150		8/11/17 1:54
Tetrachloro-m-xylene [2]	103	30-150		8/11/17 1:54

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC-12W-CO-120 Sampled: 8/1/2017 14:30

Sample ID: 17H0064-05

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1221 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1232 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1242 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1248 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1254 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1260 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1262 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL
Aroclor-1268 [1]	ND	0.093	mg/Kg	1		SW-846 8082A	8/7/17	8/11/17 2:11	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.9	30-150		8/11/17 2:11
Decachlorobiphenyl [2]	101	30-150		8/11/17 2:11
Tetrachloro-m-xylene [1]	95.8	30-150		8/11/17 2:11
Tetrachloro-m-xylene [2]	106	30-150		8/11/17 2:11

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-39 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:32	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.6	30-150		8/24/17 21:32
Decachlorobiphenyl [2]	86.2	30-150		8/24/17 21:32
Tetrachloro-m-xylene [1]	75.2	30-150		8/24/17 21:32
Tetrachloro-m-xylene [2]	79.7	30-150		8/24/17 21:32

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-39 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.7		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Acrylonitrile	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Bromomethane	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
n-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Carbon Disulfide	ND	0.0044	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Chlorodibromomethane	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Chloromethane	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2-Dibromoethane (EDB)	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,3-Dichloropropane	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
cis-1,3-Dichloropropene	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
trans-1,3-Dichloropropene	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Naphthalene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.00073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Tetrahydrofuran	ND	0.0073	mg/Kg dry	1	V-16	SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
Vinyl Chloride	ND	0.0073	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/3/17	8/3/17 16:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	110	70-130		8/3/17 16:12
Toluene-d8	104	70-130		8/3/17 16:12
4-Bromofluorobenzene	101	70-130		8/3/17 16:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Acenaphthylene	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Aniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Anthracene	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Benzo(a)anthracene	0.93	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Benzo(a)pyrene	0.82	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Benzo(b)fluoranthene	1.1	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Benzo(g,h,i)perylene	0.59	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Benzo(k)fluoranthene	0.43	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Bis(2-chloroethoxy)methane	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Bis(2-chloroethyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Bis(2-chloroisopropyl)ether	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4-Bromophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Butylbenzylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Carbazole	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4-Chloroaniline	ND	0.68	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4-Chloro-3-methylphenol	ND	0.68	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2-Chloronaphthalene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2-Chlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4-Chlorophenylphenylether	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Chrysene	0.97	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Dibenz(a,h)anthracene	0.18	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Dibenzofuran	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Di-n-butylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
3,3-Dichlorobenzidine	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,4-Dichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Diethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,4-Dimethylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Dimethylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4,6-Dinitro-2-methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,4-Dinitrophenol	ND	0.68	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,4-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,6-Dinitrotoluene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Di-n-octylphthalate	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Fluoranthene	1.3	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Fluorene	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Hexachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Hexachlorobutadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Hexachlorocyclopentadiene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Hexachloroethane	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Indeno(1,2,3-cd)pyrene	0.57	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Isophorone	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2-Methylnaphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
3/4-Methylphenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Naphthalene	ND	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
3-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4-Nitroaniline	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Nitrobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2-Nitrophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
4-Nitrophenol	ND	0.68	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
N-Nitrosodiphenylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
N-Nitrosodi-n-propylamine	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Pentachloronitrobenzene	ND	0.35	mg/Kg dry	1	V-16	SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Pentachlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Phenanthrene	0.54	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Phenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Pyrene	1.4	0.17	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
Pyridine	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
1,2,4-Trichlorobenzene	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,4,5-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL
2,4,6-Trichlorophenol	ND	0.35	mg/Kg dry	1		SW-846 8270D	8/9/17	8/10/17 20:59	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	60.3	30-130		8/10/17 20:59
Phenol-d6	57.4	30-130		8/10/17 20:59
Nitrobenzene-d5	68.8	30-130		8/10/17 20:59
2-Fluorobiphenyl	73.7	30-130		8/10/17 20:59
2,4,6-Tribromophenol	63.3	30-130		8/10/17 20:59
p-Terphenyl-d14	74.9	30-130		8/10/17 20:59

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:44	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	79.2	30-150		8/24/17 21:44
Decachlorobiphenyl [2]	90.5	30-150		8/24/17 21:44
Tetrachloro-m-xylene [1]	83.9	30-150		8/24/17 21:44
Tetrachloro-m-xylene [2]	87.4	30-150		8/24/17 21:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	34	10	mg/Kg dry	1		CTDEP ETPH	8/9/17	8/10/17 13:49	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	62.6	50-150		8/10/17 13:49

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Arsenic	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Barium	36	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Beryllium	0.34	0.25	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Cadmium	ND	0.25	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Chromium	8.1	0.49	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Copper	36	0.49	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Lead	27	0.74	mg/Kg dry	1	L-10	SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Mercury	0.048	0.025	mg/Kg dry	1		SW-846 7471B	8/8/17	8/10/17 11:23	SCB
Nickel	11	0.49	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Selenium	ND	4.9	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Silver	ND	0.49	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Vanadium	16	0.99	mg/Kg dry	1		SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW
Zinc	83	0.99	mg/Kg dry	1	B, B-07	SW-846 6010C-D	8/8/17	8/9/17 17:18	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.6		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-41 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1260 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 21:56	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	85.4	30-150		8/24/17 21:56
Decachlorobiphenyl [2]	94.6	30-150		8/24/17 21:56
Tetrachloro-m-xylene [1]	91.8	30-150		8/24/17 21:56
Tetrachloro-m-xylene [2]	95.5	30-150		8/24/17 21:56

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-41 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.3		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-42 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:09	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	84.7	30-150		8/24/17 22:09
Decachlorobiphenyl [2]	93.9	30-150		8/24/17 22:09
Tetrachloro-m-xylene [1]	93.7	30-150		8/24/17 22:09
Tetrachloro-m-xylene [2]	93.2	30-150		8/24/17 22:09

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-42 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.1		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-43 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	0.52	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Acenaphthylene	ND	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Anthracene	1.1	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Benzo(a)anthracene	2.3	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Benzo(a)pyrene	2.2	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Benzo(b)fluoranthene	2.5	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Benzo(g,h,i)perylene	1.7	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Benzo(k)fluoranthene	0.88	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Chrysene	2.2	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Dibenz(a,h)anthracene	ND	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Fluoranthene	5.1	0.52	mg/Kg dry	2	RL-12	SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Fluorene	ND	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Indeno(1,2,3-cd)pyrene	1.4	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
2-Methylnaphthalene	ND	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Naphthalene	0.83	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Phenanthrene	3.0	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL
Pyrene	5.6	0.52	mg/Kg dry	2		SW-846 8270D	8/9/17	8/15/17 20:35	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	33.7	30-130		8/15/17 20:35
2-Fluorobiphenyl	30.9	30-130		8/15/17 20:35
p-Terphenyl-d14	37.2	30-130		8/15/17 20:35

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-43 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1100	380	mg/Kg dry	25		CTDEP ETPH	8/9/17	8/11/17 1:09	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/11/17 1:09

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-43 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	66.0		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-44 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/9/17	8/24/17 22:21	KAL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.5	30-150		8/24/17 22:21
Decachlorobiphenyl [2]	90.2	30-150		8/24/17 22:21
Tetrachloro-m-xylene [1]	84.6	30-150		8/24/17 22:21
Tetrachloro-m-xylene [2]	91.0	30-150		8/24/17 22:21

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H0064

Date Received: 8/1/2017

Field Sample #: WS-AOC9-SO-DUP-44 Sampled: 8/1/2017 00:00

Sample ID: 17H0064-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	8/7/17	8/8/17 8:53	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-07 [WS-AOC3-SO-DUP-40]	B183688	30.0	1.00	08/09/17
17H0064-10 [WS-AOC9-SO-DUP-43]	B183688	30.0	1.00	08/09/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H0064-06 [WS-AOC9-SO-DUP-39]	B183482	08/07/17
17H0064-07 [WS-AOC3-SO-DUP-40]	B183482	08/07/17
17H0064-08 [WS-AOC9-SO-DUP-41]	B183482	08/07/17
17H0064-09 [WS-AOC9-SO-DUP-42]	B183482	08/07/17
17H0064-10 [WS-AOC9-SO-DUP-43]	B183482	08/07/17
17H0064-11 [WS-AOC9-SO-DUP-44]	B183482	08/07/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-07 [WS-AOC3-SO-DUP-40]	B183630	1.04	50.0	08/08/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-07 [WS-AOC3-SO-DUP-40]	B183537	0.603	50.0	08/08/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-01 [WS-AOC-12W-CO-116]	B183543	2.10	10.0	08/07/17
17H0064-02 [WS-AOC-12W-CO-117]	B183543	2.48	10.0	08/07/17
17H0064-03 [WS-AOC-12W-CO-118]	B183543	2.04	10.0	08/07/17
17H0064-04 [WS-AOC-12W-CO-119]	B183543	2.39	10.0	08/07/17
17H0064-05 [WS-AOC-12W-CO-120]	B183543	2.16	10.0	08/07/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-06 [WS-AOC9-SO-DUP-39]	B183729	10.0	10.0	08/09/17
17H0064-07 [WS-AOC3-SO-DUP-40]	B183729	10.0	10.0	08/09/17
17H0064-08 [WS-AOC9-SO-DUP-41]	B183729	10.0	10.0	08/09/17
17H0064-09 [WS-AOC9-SO-DUP-42]	B183729	10.0	10.0	08/09/17
17H0064-11 [WS-AOC9-SO-DUP-44]	B183729	10.0	10.0	08/09/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-07 [WS-AOC3-SO-DUP-40]	B183261	7.02	10.0	08/03/17

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Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H0064-07 [WS-AOC3-SO-DUP-40]	B183689	30.0	1.00	08/09/17
17H0064-10 [WS-AOC9-SO-DUP-43]	B183689	30.0	1.00	08/09/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183261 - SW-846 5035										
Blank (B183261-BLK1)				Prepared & Analyzed: 08/03/17						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183261 - SW-846 5035										
Blank (B183261-BLK1)				Prepared & Analyzed: 08/03/17						
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0504*		mg/Kg wet	0.0500		101	70-130			
Surrogate: Toluene-d8	*0.0527*		mg/Kg wet	0.0500		105	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0516*		mg/Kg wet	0.0500		103	70-130			
LCS (B183261-BS1)				Prepared & Analyzed: 08/03/17						
Acetone	0.185	0.10	mg/Kg wet	0.200		92.6	70-130			
Acrylonitrile	0.0258	0.0060	mg/Kg wet	0.0200		129	70-130			
Benzene	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130			
Bromobenzene	0.0168	0.0020	mg/Kg wet	0.0200		83.9	70-130			
Bromodichloromethane	0.0175	0.0020	mg/Kg wet	0.0200		87.4	70-130			
Bromoform	0.0161	0.0020	mg/Kg wet	0.0200		80.5	70-130			
Bromomethane	0.0193	0.010	mg/Kg wet	0.0200		96.5	70-130			
2-Butanone (MEK)	0.239	0.040	mg/Kg wet	0.200		120	70-130			
n-Butylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1	70-130			
sec-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
tert-Butylbenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			
Carbon Disulfide	0.202	0.0060	mg/Kg wet	0.200		101	70-130			
Carbon Tetrachloride	0.0190	0.0020	mg/Kg wet	0.0200		95.2	70-130			
Chlorobenzene	0.0180	0.0020	mg/Kg wet	0.0200		90.0	70-130			
Chlorodibromomethane	0.0188	0.0010	mg/Kg wet	0.0200		93.9	70-130			
Chloroethane	0.0169	0.020	mg/Kg wet	0.0200		84.7	70-130			
Chloroform	0.0187	0.0040	mg/Kg wet	0.0200		93.4	70-130			
Chloromethane	0.0214	0.010	mg/Kg wet	0.0200		107	70-130			
2-Chlorotoluene	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130			
4-Chlorotoluene	0.0177	0.0020	mg/Kg wet	0.0200		88.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130			
1,2-Dibromoethane (EDB)	0.0190	0.0010	mg/Kg wet	0.0200		94.9	70-130			
Dibromomethane	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130			
1,2-Dichlorobenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130			
1,3-Dichlorobenzene	0.0190	0.0020	mg/Kg wet	0.0200		94.8	70-130			
1,4-Dichlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
trans-1,4-Dichloro-2-butene	0.0196	0.0040	mg/Kg wet	0.0200		97.9	70-130			
Dichlorodifluoromethane (Freon 12)	0.0222	0.020	mg/Kg wet	0.0200		111	70-130			
1,1-Dichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,2-Dichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1-Dichloroethylene	0.0204	0.0040	mg/Kg wet	0.0200		102	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183261 - SW-846 5035										
LCS (B183261-BS1)				Prepared & Analyzed: 08/03/17						
cis-1,2-Dichloroethylene	0.0200	0.0020	mg/Kg wet	0.0200		99.9	70-130			
trans-1,2-Dichloroethylene	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130			
1,2-Dichloropropane	0.0223	0.0020	mg/Kg wet	0.0200		111	70-130			
1,3-Dichloropropane	0.0201	0.0010	mg/Kg wet	0.0200		101	70-130			
2,2-Dichloropropane	0.0184	0.0020	mg/Kg wet	0.0200		92.2	70-130			
1,1-Dichloropropene	0.0185	0.0020	mg/Kg wet	0.0200		92.4	70-130			
cis-1,3-Dichloropropene	0.0190	0.0010	mg/Kg wet	0.0200		94.9	70-130			
trans-1,3-Dichloropropene	0.0179	0.0010	mg/Kg wet	0.0200		89.4	70-130			
Ethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130			
Hexachlorobutadiene	0.0205	0.0020	mg/Kg wet	0.0200		103	70-130			
2-Hexanone (MBK)	0.229	0.020	mg/Kg wet	0.200		114	70-130			
Isopropylbenzene (Cumene)	0.0193	0.0020	mg/Kg wet	0.0200		96.5	70-130			
p-Isopropyltoluene (p-Cymene)	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0186	0.0040	mg/Kg wet	0.0200		93.1	70-130			
Methylene Chloride	0.0233	0.020	mg/Kg wet	0.0200		117	70-130			
4-Methyl-2-pentanone (MIBK)	0.233	0.020	mg/Kg wet	0.200		116	70-130			
Naphthalene	0.0162	0.0040	mg/Kg wet	0.0200		80.9	70-130			
n-Propylbenzene	0.0184	0.0020	mg/Kg wet	0.0200		92.1	70-130			
Styrene	0.0178	0.0020	mg/Kg wet	0.0200		89.0	70-130			
1,1,1,2-Tetrachloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.2	70-130			
1,1,2,2-Tetrachloroethane	0.0169	0.0010	mg/Kg wet	0.0200		84.5	70-130			
Tetrachloroethylene	0.0213	0.0020	mg/Kg wet	0.0200		107	70-130			
Tetrahydrofuran	0.0183	0.010	mg/Kg wet	0.0200		91.6	70-130			V-16
Toluene	0.0199	0.0020	mg/Kg wet	0.0200		99.5	70-130			
1,2,3-Trichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		83.8	70-130			
1,2,4-Trichlorobenzene	0.0182	0.0020	mg/Kg wet	0.0200		90.8	70-130			
1,1,1-Trichloroethane	0.0213	0.0020	mg/Kg wet	0.0200		106	70-130			
1,1,2-Trichloroethane	0.0187	0.0020	mg/Kg wet	0.0200		93.4	70-130			
Trichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
Trichlorofluoromethane (Freon 11)	0.0231	0.010	mg/Kg wet	0.0200		116	70-130			
1,2,3-Trichloropropane	0.0196	0.0020	mg/Kg wet	0.0200		98.0	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0224	0.010	mg/Kg wet	0.0200		112	70-130			
1,2,4-Trimethylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0	70-130			
1,3,5-Trimethylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.8	70-130			
Vinyl Chloride	0.0188	0.010	mg/Kg wet	0.0200		93.8	70-130			
m+p Xylene	0.0376	0.0040	mg/Kg wet	0.0400		94.0	70-130			
o-Xylene	0.0183	0.0020	mg/Kg wet	0.0200		91.4	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0506*		mg/Kg wet	0.0500		101	70-130			
Surrogate: Toluene-d8	*0.0531*		mg/Kg wet	0.0500		106	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0520*		mg/Kg wet	0.0500		104	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183689 - SW-846 3546										
Blank (B183689-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183689 - SW-846 3546											
Blank (B183689-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17							
4-Nitrophenol	ND	0.66	mg/Kg wet								
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet								
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet								
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16	
Pentachlorophenol	ND	0.34	mg/Kg wet								
Phenanthrene	ND	0.17	mg/Kg wet								
Phenol	ND	0.34	mg/Kg wet								
Pyrene	ND	0.17	mg/Kg wet								
Pyridine	ND	0.34	mg/Kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet								
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet								
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet								
Surrogate: 2-Fluorophenol	*5.26*		mg/Kg wet	6.67		79.0	30-130				
Surrogate: Phenol-d6	*5.05*		mg/Kg wet	6.67		75.7	30-130				
Surrogate: Nitrobenzene-d5	*2.74*		mg/Kg wet	3.33		82.1	30-130				
Surrogate: 2-Fluorobiphenyl	*2.84*		mg/Kg wet	3.33		85.2	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.74*		mg/Kg wet	6.67		101	30-130				
Surrogate: p-Terphenyl-d14	*3.47*		mg/Kg wet	3.33		104	30-130				
LCS (B183689-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140				
Acenaphthylene	1.23	0.17	mg/Kg wet	1.67		73.9	40-140				
Aniline	1.03	0.34	mg/Kg wet	1.67		61.8	40-140				†
Anthracene	1.29	0.17	mg/Kg wet	1.67		77.6	40-140				
Benzo(a)anthracene	1.35	0.17	mg/Kg wet	1.67		80.8	40-140				
Benzo(a)pyrene	1.36	0.17	mg/Kg wet	1.67		81.7	40-140				
Benzo(b)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.1	40-140				
Benzo(g,h,i)perylene	1.64	0.17	mg/Kg wet	1.67		98.2	40-140				
Benzo(k)fluoranthene	1.29	0.17	mg/Kg wet	1.67		77.1	40-140				
Bis(2-chloroethoxy)methane	1.27	0.34	mg/Kg wet	1.67		76.1	40-140				
Bis(2-chloroethyl)ether	1.08	0.34	mg/Kg wet	1.67		65.1	40-140				
Bis(2-chloroisopropyl)ether	1.10	0.34	mg/Kg wet	1.67		65.9	40-140				
Bis(2-Ethylhexyl)phthalate	1.55	0.34	mg/Kg wet	1.67		93.2	40-140				
4-Bromophenylphenylether	1.40	0.34	mg/Kg wet	1.67		83.7	40-140				
Butylbenzylphthalate	1.48	0.34	mg/Kg wet	1.67		88.7	40-140				
Carbazole	1.25	0.17	mg/Kg wet	1.67		75.2	40-140				
4-Chloroaniline	0.988	0.66	mg/Kg wet	1.67		59.3	40-140				†
4-Chloro-3-methylphenol	1.35	0.66	mg/Kg wet	1.67		81.0	30-130				
2-Chloronaphthalene	1.04	0.34	mg/Kg wet	1.67		62.3	40-140				
2-Chlorophenol	1.17	0.34	mg/Kg wet	1.67		70.1	30-130				
4-Chlorophenylphenylether	1.36	0.34	mg/Kg wet	1.67		81.6	40-140				
Chrysene	1.34	0.17	mg/Kg wet	1.67		80.2	40-140				
Dibenz(a,h)anthracene	1.58	0.17	mg/Kg wet	1.67		94.6	40-140				
Dibenzofuran	1.31	0.34	mg/Kg wet	1.67		78.8	40-140				
Di-n-butylphthalate	1.34	0.34	mg/Kg wet	1.67		80.7	40-140				
3,3-Dichlorobenzidine	0.978	0.17	mg/Kg wet	1.67		58.7	40-140				†
2,4-Dichlorophenol	1.29	0.34	mg/Kg wet	1.67		77.4	30-130				
Diethylphthalate	1.40	0.34	mg/Kg wet	1.67		84.1	40-140				
2,4-Dimethylphenol	1.28	0.34	mg/Kg wet	1.67		76.9	30-130				
Dimethylphthalate	1.34	0.34	mg/Kg wet	1.67		80.4	40-140				
4,6-Dinitro-2-methylphenol	1.07	0.34	mg/Kg wet	1.67		64.5	30-130				

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183689 - SW-846 3546											
LCS (B183689-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17							
2,4-Dinitrophenol	0.782	0.66	mg/Kg wet	1.67		46.9	30-130				
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		73.2	40-140				
2,6-Dinitrotoluene	1.32	0.34	mg/Kg wet	1.67		79.3	40-140				
Di-n-octylphthalate	1.41	0.34	mg/Kg wet	1.67		84.5	40-140				
Fluoranthene	1.27	0.17	mg/Kg wet	1.67		75.9	40-140				
Fluorene	1.29	0.17	mg/Kg wet	1.67		77.2	40-140				
Hexachlorobenzene	1.35	0.34	mg/Kg wet	1.67		81.1	40-140				
Hexachlorobutadiene	1.29	0.34	mg/Kg wet	1.67		77.5	40-140				
Hexachlorocyclopentadiene	0.856	0.34	mg/Kg wet	1.67		51.4	30-140				
Hexachloroethane	1.11	0.34	mg/Kg wet	1.67		66.8	40-140				
Indeno(1,2,3-cd)pyrene	1.55	0.17	mg/Kg wet	1.67		92.8	40-140				
Isophorone	1.27	0.34	mg/Kg wet	1.67		75.9	40-140				
2-Methylnaphthalene	1.26	0.17	mg/Kg wet	1.67		75.4	40-140				
2-Methylphenol	1.11	0.34	mg/Kg wet	1.67		66.7	30-130				
3/4-Methylphenol	1.13	0.34	mg/Kg wet	1.67		67.8	30-130				
Naphthalene	1.19	0.17	mg/Kg wet	1.67		71.1	40-140				
2-Nitroaniline	1.32	0.34	mg/Kg wet	1.67		79.1	40-140				
3-Nitroaniline	1.13	0.34	mg/Kg wet	1.67		67.9	40-140				†
4-Nitroaniline	1.23	0.34	mg/Kg wet	1.67		73.9	40-140				
Nitrobenzene	1.23	0.34	mg/Kg wet	1.67		73.5	40-140				
2-Nitrophenol	1.20	0.34	mg/Kg wet	1.67		72.1	30-130				
4-Nitrophenol	1.06	0.66	mg/Kg wet	1.67		63.3	10-130				
N-Nitrosodiphenylamine	1.76	0.34	mg/Kg wet	1.67		105	40-140				
N-Nitrosodi-n-propylamine	1.15	0.34	mg/Kg wet	1.67		69.2	40-140				
Pentachloronitrobenzene	1.45	0.34	mg/Kg wet	1.67		87.1	40-140			V-16	
Pentachlorophenol	0.872	0.34	mg/Kg wet	1.67		52.3	30-130				
Phenanthrene	1.28	0.17	mg/Kg wet	1.67		77.0	40-140				
Phenol	1.12	0.34	mg/Kg wet	1.67		67.1	20-130				
Pyrene	1.30	0.17	mg/Kg wet	1.67		77.8	40-140				
Pyridine	0.832	0.34	mg/Kg wet	1.67		49.9	10-140				†
1,2,4,5-Tetrachlorobenzene	1.34	0.34	mg/Kg wet	1.67		80.4	40-140				
1,2,4-Trichlorobenzene	1.19	0.34	mg/Kg wet	1.67		71.4	40-140				
2,4,5-Trichlorophenol	1.30	0.34	mg/Kg wet	1.67		78.0	30-130				
2,4,6-Trichlorophenol	1.31	0.34	mg/Kg wet	1.67		78.8	30-130				
Surrogate: 2-Fluorophenol	*5.54*		mg/Kg wet	6.67		83.1	30-130				
Surrogate: Phenol-d6	*5.42*		mg/Kg wet	6.67		81.2	30-130				
Surrogate: Nitrobenzene-d5	*2.99*		mg/Kg wet	3.33		89.7	30-130				
Surrogate: 2-Fluorobiphenyl	*3.15*		mg/Kg wet	3.33		94.5	30-130				
Surrogate: 2,4,6-Tribromophenol	*7.51*		mg/Kg wet	6.67		113	30-130				
Surrogate: p-Terphenyl-d14	*3.40*		mg/Kg wet	3.33		102	30-130				
LCS Dup (B183689-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Acenaphthene	1.15	0.17	mg/Kg wet	1.67		68.7	40-140	7.64	30		
Acenaphthylene	1.14	0.17	mg/Kg wet	1.67		68.4	40-140	7.81	30		
Aniline	0.961	0.34	mg/Kg wet	1.67		57.6	40-140	6.93	50		† ‡
Anthracene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	9.53	30		
Benzo(a)anthracene	1.24	0.17	mg/Kg wet	1.67		74.2	40-140	8.54	30		
Benzo(a)pyrene	1.26	0.17	mg/Kg wet	1.67		75.8	40-140	7.49	30		
Benzo(b)fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.8	40-140	0.515	30		
Benzo(g,h,i)perylene	1.50	0.17	mg/Kg wet	1.67		90.0	40-140	8.76	30		
Benzo(k)fluoranthene	1.17	0.17	mg/Kg wet	1.67		70.3	40-140	9.28	30		
Bis(2-chloroethoxy)methane	1.14	0.34	mg/Kg wet	1.67		68.2	40-140	10.9	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B183689 - SW-846 3546											
LCS Dup (B183689-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17							
Bis(2-chloroethyl)ether	0.986	0.34	mg/Kg wet	1.67		59.2	40-140	9.56	30		
Bis(2-chloroisopropyl)ether	0.953	0.34	mg/Kg wet	1.67		57.2	40-140	14.3	30		
Bis(2-Ethylhexyl)phthalate	1.40	0.34	mg/Kg wet	1.67		84.2	40-140	10.1	30		
4-Bromophenylphenylether	1.29	0.34	mg/Kg wet	1.67		77.5	40-140	7.66	30		
Butylbenzylphthalate	1.32	0.34	mg/Kg wet	1.67		79.4	40-140	11.1	30		
Carbazole	1.15	0.17	mg/Kg wet	1.67		68.9	40-140	8.63	30		
4-Chloroaniline	0.936	0.66	mg/Kg wet	1.67		56.2	40-140	5.44	30		†
4-Chloro-3-methylphenol	1.22	0.66	mg/Kg wet	1.67		72.9	30-130	10.5	30		
2-Chloronaphthalene	0.961	0.34	mg/Kg wet	1.67		57.6	40-140	7.83	30		
2-Chlorophenol	1.07	0.34	mg/Kg wet	1.67		64.3	30-130	8.60	30		
4-Chlorophenylphenylether	1.28	0.34	mg/Kg wet	1.67		76.6	40-140	6.32	30		
Chrysene	1.22	0.17	mg/Kg wet	1.67		73.0	40-140	9.43	30		
Dibenz(a,h)anthracene	1.45	0.17	mg/Kg wet	1.67		86.8	40-140	8.60	30		
Dibenzofuran	1.22	0.34	mg/Kg wet	1.67		73.3	40-140	7.23	30		
Di-n-butylphthalate	1.23	0.34	mg/Kg wet	1.67		73.6	40-140	9.20	30		
3,3-Dichlorobenzidine	0.957	0.17	mg/Kg wet	1.67		57.4	40-140	2.17	30		† ‡
2,4-Dichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.2	30-130	8.29	30		
Diethylphthalate	1.29	0.34	mg/Kg wet	1.67		77.6	40-140	8.06	30		
2,4-Dimethylphenol	1.17	0.34	mg/Kg wet	1.67		70.2	30-130	9.14	30		
Dimethylphthalate	1.24	0.34	mg/Kg wet	1.67		74.1	40-140	8.08	50		
4,6-Dinitro-2-methylphenol	0.998	0.34	mg/Kg wet	1.67		59.9	30-130	7.43	50		
2,4-Dinitrophenol	0.646	0.66	mg/Kg wet	1.67		38.8	30-130	19.1	50		
2,4-Dinitrotoluene	1.11	0.34	mg/Kg wet	1.67		66.5	40-140	9.59	30		
2,6-Dinitrotoluene	1.19	0.34	mg/Kg wet	1.67		71.4	40-140	10.5	30		
Di-n-octylphthalate	1.28	0.34	mg/Kg wet	1.67		76.5	40-140	9.91	30		
Fluoranthene	1.16	0.17	mg/Kg wet	1.67		69.9	40-140	8.28	30		
Fluorene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140	7.58	30		
Hexachlorobenzene	1.25	0.34	mg/Kg wet	1.67		75.0	40-140	7.89	30		
Hexachlorobutadiene	1.19	0.34	mg/Kg wet	1.67		71.2	40-140	8.50	30		
Hexachlorocyclopentadiene	0.818	0.34	mg/Kg wet	1.67		49.1	30-140	4.62	50		
Hexachloroethane	1.03	0.34	mg/Kg wet	1.67		61.6	40-140	8.16	50		
Indeno(1,2,3-cd)pyrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	10.1	50		
Indeno(1,2,3-cd)pyrene	1.40	0.17	mg/Kg wet	1.67		83.9	40-140	10.1	30		
Isophorone	1.12	0.34	mg/Kg wet	1.67		67.1	40-140	12.4	30		
2-Methylnaphthalene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140	10.5	30		
2-Methylphenol	0.991	0.34	mg/Kg wet	1.67		59.5	30-130	11.5	30		
3/4-Methylphenol	1.02	0.34	mg/Kg wet	1.67		61.1	30-130	10.3	30		
Naphthalene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140	9.36	30		
2-Nitroaniline	1.17	0.34	mg/Kg wet	1.67		70.3	40-140	11.8	30		
3-Nitroaniline	1.09	0.34	mg/Kg wet	1.67		65.6	40-140	3.41	30		†
4-Nitroaniline	1.10	0.34	mg/Kg wet	1.67		65.9	40-140	11.4	30		
Nitrobenzene	1.08	0.34	mg/Kg wet	1.67		64.8	40-140	12.6	30		
2-Nitrophenol	1.10	0.34	mg/Kg wet	1.67		66.0	30-130	8.81	30		
4-Nitrophenol	0.924	0.66	mg/Kg wet	1.67		55.5	10-130	13.3	50		‡
N-Nitrosodiphenylamine	1.62	0.34	mg/Kg wet	1.67		97.2	40-140	7.96	30		
N-Nitrosodi-n-propylamine	1.02	0.34	mg/Kg wet	1.67		61.3	40-140	12.0	30		
Pentachloronitrobenzene	1.40	0.34	mg/Kg wet	1.67		84.3	40-140	3.31	30	V-16	
Pentachlorophenol	0.799	0.34	mg/Kg wet	1.67		47.9	30-130	8.82	50		
Phenanthrene	1.18	0.17	mg/Kg wet	1.67		70.5	40-140	8.84	30		
Phenol	1.01	0.34	mg/Kg wet	1.67		60.4	20-130	10.5	30		
Pyrene	1.18	0.17	mg/Kg wet	1.67		70.7	40-140	9.48	30		
Pyridine	0.753	0.34	mg/Kg wet	1.67		45.2	10-140	10.0	50		†

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183689 - SW-846 3546										
LCS Dup (B183689-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17						
1,2,4,5-Tetrachlorobenzene	1.27	0.34	mg/Kg wet	1.67		76.0	40-140	5.65	30	
1,2,4-Trichlorobenzene	1.06	0.34	mg/Kg wet	1.67		63.7	40-140	11.4	30	
2,4,5-Trichlorophenol	1.19	0.34	mg/Kg wet	1.67		71.4	30-130	8.80	30	
2,4,6-Trichlorophenol	1.23	0.34	mg/Kg wet	1.67		73.6	30-130	6.83	50	
Surrogate: 2-Fluorophenol	*5.03*		mg/Kg wet	6.67		75.4	30-130			
Surrogate: Phenol-d6	*4.86*		mg/Kg wet	6.67		72.8	30-130			
Surrogate: Nitrobenzene-d5	*2.66*		mg/Kg wet	3.33		79.8	30-130			
Surrogate: 2-Fluorobiphenyl	*2.94*		mg/Kg wet	3.33		88.1	30-130			
Surrogate: 2,4,6-Tribromophenol	*7.02*		mg/Kg wet	6.67		105	30-130			
Surrogate: p-Terphenyl-d14	*3.11*		mg/Kg wet	3.33		93.4	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183543 - SW-846 3540C										
Blank (B183543-BLK1)				Prepared: 08/07/17 Analyzed: 08/10/17						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.901*		mg/Kg	1.00		90.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.970*		mg/Kg	1.00		97.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.925*		mg/Kg	1.00		92.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.991*		mg/Kg	1.00		99.1	30-150			
LCS (B183543-BS1)				Prepared: 08/07/17 Analyzed: 08/10/17						
Aroclor-1016	0.99	0.10	mg/Kg	1.00		99.4	40-140			
Aroclor-1016 [2C]	1.0	0.10	mg/Kg	1.00		103	40-140			
Aroclor-1260	0.91	0.10	mg/Kg	1.00		90.9	40-140			
Aroclor-1260 [2C]	0.91	0.10	mg/Kg	1.00		91.2	40-140			
Surrogate: Decachlorobiphenyl	*0.945*		mg/Kg	1.00		94.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.01*		mg/Kg	1.00		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.956*		mg/Kg	1.00		95.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.04*		mg/Kg	1.00		104	30-150			
LCS Dup (B183543-BSD1)				Prepared: 08/07/17 Analyzed: 08/10/17						
Aroclor-1016	1.0	0.10	mg/Kg	1.00		100	40-140	0.916	30	
Aroclor-1016 [2C]	1.0	0.10	mg/Kg	1.00		103	40-140	0.551	30	
Aroclor-1260	0.90	0.10	mg/Kg	1.00		89.7	40-140	1.34	30	
Aroclor-1260 [2C]	0.90	0.10	mg/Kg	1.00		90.4	40-140	0.890	30	
Surrogate: Decachlorobiphenyl	*0.912*		mg/Kg	1.00		91.2	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.968*		mg/Kg	1.00		96.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.957*		mg/Kg	1.00		95.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.03*		mg/Kg	1.00		103	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183543 - SW-846 3540C										
Matrix Spike (B183543-MS1)		**Source: 17H0064-01**		Prepared: 08/07/17 Analyzed: 08/11/17						
Aroclor-1016	0.78	0.085	mg/Kg	0.851	ND	91.9	40-140			
Aroclor-1016 [2C]	0.88	0.085	mg/Kg	0.851	ND	104	40-140			
Aroclor-1260	0.76	0.085	mg/Kg	0.851	ND	89.1	40-140			
Aroclor-1260 [2C]	0.80	0.085	mg/Kg	0.851	ND	93.7	40-140			
Surrogate: Decachlorobiphenyl	*0.807*		mg/Kg	0.851		94.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.884*		mg/Kg	0.851		104	30-150			
Surrogate: Tetrachloro-m-xylene	*0.686*		mg/Kg	0.851		80.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.772*		mg/Kg	0.851		90.7	30-150			
Matrix Spike Dup (B183543-MSD1)		**Source: 17H0064-01**		Prepared: 08/07/17 Analyzed: 08/11/17						
Aroclor-1016	0.74	0.082	mg/Kg	0.823	ND	89.5	40-140	5.91	50	
Aroclor-1016 [2C]	0.81	0.082	mg/Kg	0.823	ND	98.9	40-140	8.11	50	
Aroclor-1260	0.71	0.082	mg/Kg	0.823	ND	86.0	40-140	6.90	50	
Aroclor-1260 [2C]	0.74	0.082	mg/Kg	0.823	ND	90.0	40-140	7.43	50	
Surrogate: Decachlorobiphenyl	*0.764*		mg/Kg	0.823		92.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.828*		mg/Kg	0.823		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.635*		mg/Kg	0.823		77.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.712*		mg/Kg	0.823		86.5	30-150			
Batch B183729 - SW-846 3540C										
Blank (B183729-BLK1)				Prepared: 08/09/17 Analyzed: 08/24/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.170*		mg/Kg wet	0.200		84.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.185*		mg/Kg wet	0.200		92.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.171*		mg/Kg wet	0.200		85.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.174*		mg/Kg wet	0.200		87.0	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183729 - SW-846 3540C										
LCS (B183729-BS1)				Prepared: 08/09/17 Analyzed: 08/24/17						
Aroclor-1016	0.18	0.020	mg/Kg wet	0.200		89.4	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		95.8	40-140			
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		82.5	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		85.3	40-140			
Surrogate: Decachlorobiphenyl	*0.201*		mg/Kg wet	0.200		100	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Tetrachloro-m-xylene	*0.177*		mg/Kg wet	0.200		88.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.182*		mg/Kg wet	0.200		91.1	30-150			
LCS Dup (B183729-BSD1)				Prepared: 08/09/17 Analyzed: 08/24/17						
Aroclor-1016	0.17	0.020	mg/Kg wet	0.200		87.1	40-140	2.56	30	
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		93.7	40-140	2.22	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.3	40-140	4.01	30	
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		81.8	40-140	4.10	30	
Surrogate: Decachlorobiphenyl	*0.185*		mg/Kg wet	0.200		92.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.172*		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.175*		mg/Kg wet	0.200		87.5	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183688 - SW-846 3546										
Blank (B183688-BLK1)				Prepared: 08/09/17 Analyzed: 08/10/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.64*		mg/Kg wet	3.33		79.3	50-150			
LCS (B183688-BS1)				Prepared: 08/09/17 Analyzed: 08/10/17						
CT ETPH	22.0	10	mg/Kg wet	33.3		66.1	60-120			
Surrogate: o-Terphenyl	*2.66*		mg/Kg wet	3.33		79.9	50-150			
LCS Dup (B183688-BSD1)				Prepared: 08/09/17 Analyzed: 08/10/17						
CT ETPH	22.0	10	mg/Kg wet	33.3		66.1	60-120	0.00241	30	
Surrogate: o-Terphenyl	*2.51*		mg/Kg wet	3.33		75.4	50-150			

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183537 - SW-846 7471										
Blank (B183537-BLK1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B183537-BS1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	9.14	1.9	mg/Kg wet	9.36		97.6	73.7-126.3			
LCS Dup (B183537-BSD1)				Prepared: 08/08/17 Analyzed: 08/10/17						
Mercury	8.96	1.9	mg/Kg wet	9.36		95.7	73.7-126.3	1.95	30	
Batch B183630 - SW-846 3050B										
Blank (B183630-BLK1)				Prepared: 08/08/17 Analyzed: 08/09/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	1.6	1.0	mg/Kg wet							B
LCS (B183630-BS1)				Prepared: 08/08/17 Analyzed: 08/09/17						
Antimony	71.2	5.0	mg/Kg wet	88.2		80.7	0-210.3			
Arsenic	51.9	5.0	mg/Kg wet	57.0		91.0	77.8-122.1			
Barium	107	5.0	mg/Kg wet	110		96.8	82-117.4			
Beryllium	69.6	0.50	mg/Kg wet	67.5		103	82.3-117.7			
Cadmium	78.1	0.50	mg/Kg wet	77.8		100	81.9-118.2			
Chromium	64.8	1.0	mg/Kg wet	65.0		99.7	78.7-120.6			
Copper	57.0	1.0	mg/Kg wet	56.4		101	80.4-119.6			
Lead	76.0	1.5	mg/Kg wet	85.6		88.8	82.4-117.8			
Nickel	60.1	1.0	mg/Kg wet	61.3		98.1	82.2-117.8			
Selenium	69.6	10	mg/Kg wet	78.9		88.3	77.1-122.3			
Silver	53.0	1.0	mg/Kg wet	54.2		97.7	74.3-125.4			
Thallium	164	5.0	mg/Kg wet	178		92.1	78.2-121.6			
Vanadium	49.6	2.0	mg/Kg wet	56.3		88.2	64.8-135.2			
Zinc	200	2.0	mg/Kg wet	198		101	79.7-120.8			B

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183630 - SW-846 3050B											
LCS Dup (B183630-BSD1)				Prepared: 08/08/17 Analyzed: 08/09/17							
Antimony	74.8	5.0	mg/Kg wet	88.2		84.8		0-210.3	4.95	30	
Arsenic	54.3	5.0	mg/Kg wet	57.0		95.3		77.8-122.1	4.65	30	
Barium	109	5.0	mg/Kg wet	110		98.7		82-117.4	1.86	30	
Beryllium	67.3	0.50	mg/Kg wet	67.5		99.7		82.3-117.7	3.42	30	
Cadmium	83.7	0.50	mg/Kg wet	77.8		108		81.9-118.2	6.98	30	
Chromium	67.6	0.99	mg/Kg wet	65.0		104		78.7-120.6	4.33	30	
Copper	58.9	0.99	mg/Kg wet	56.4		104		80.4-119.6	3.29	30	
Lead	76.5	1.5	mg/Kg wet	85.6		89.4		82.4-117.8	0.647	30	
Nickel	63.3	0.99	mg/Kg wet	61.3		103		82.2-117.8	5.15	30	
Selenium	73.8	9.9	mg/Kg wet	78.9		93.6		77.1-122.3	5.81	30	
Silver	56.3	0.99	mg/Kg wet	54.2		104		74.3-125.4	6.04	30	
Thallium	176	5.0	mg/Kg wet	178		99.0		78.2-121.6	7.19	30	
Vanadium	52.2	2.0	mg/Kg wet	56.3		92.7		64.8-135.2	4.97	30	
Zinc	206	2.0	mg/Kg wet	198		104		79.7-120.8	3.17	30	B
MRL Check (B183630-MRL1)				Prepared: 08/08/17 Analyzed: 08/09/17							
Lead	0.993	0.74	mg/Kg wet	0.735		**135**	*	80-120			L-10

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
B	Analyte is found in the associated blank as well as in the sample.
B-07	Data is not affected by elevated level in blank since sample result is >10x level found in the blank.
L-10	The reporting limit verification for the AIHA lead program is outside of control limits for this element. Any reported result at or near the detection limit may be bias on the high side.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NH,NY
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	NY,NH
Fluorene	CT,NY,NH,ME,NC,VA
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH
Naphthalene	CT,NY,NH,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachloronitrobenzene	NY
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenanthrene	CT,NY,NH,ME,NC,VA
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyrene	CT,NY,NH,ME,NC,VA
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY
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17H00064

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Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB	# of Containers	[2] Preservation Code	[3] Container Code
01	WS-A0C12W-CO-116	8/1/17	14:50		X	O		X			
02	WS-A0C12W-CO-117		14:55					X			
03	WS-A0C12W-CO-118		14:40					X			
04	WS-A0C12W-CO-119		14:35					X			
05	WS-A0C12W-CO-120		14:30					X			

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1556
Relinquished by: (signature)	Date/Time: 8/1/17 5PM
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #

8/1/17 1700

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

Table of Contents

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Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	SVOCs	RSR 15 Metal	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
06	WS-AOC9-SO-DUP-39	8/1/17			X	S	U	X								
07	WS-AOC3-SO-DUP-40							X		X	X	X	X			
08	WS-AOC9-SO-DUP-41							X								
09	WS-AOC9-SO-DUP-42							X								
10	WS-AOC9-SO-DUP-43							X	X	X						
11	WS-AOC9-SO-DUP-44							X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17 3PM
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #

8/1/17 1700

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/1/17 Time 1700

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.9, 2.8, 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	7
Meoh-	1	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	5
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	2	Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/1/17 1700	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A081017.SEC\A0810007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/10/17
Data File Name	A0810007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	549789	587403	-6
c - 10	1.63	570796	587403	-3
c - 12	2.35	588096	587403	0
c - 14	3.01	598274	587403	2
c - 16	3.62	610876	587403	4
c - 18	4.23	602897	587403	3
o-Terphenyl	4.51	673282	587403	
c - 20	4.84	609692	587403	4
c - 22	5.34	618889	587403	5
c - 24	5.78	575484	587403	-2
c - 26	6.17	603193	587403	3
c - 28	6.53	591414	587403	1
c - 30	6.86	587541	587403	0
c - 32	7.17	570324	587403	-3
c - 34	7.46	568452	587403	-3
c - 36	7.78	565330	587403	-4

* One compound allowed %D <= 50%

Samples

17H0066-01RE1
17H0066-02RE1

D:\HPCHEM\1\DATA\A081017\A0810006.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/10/17
Data File Name	A0810006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	431989	461906	-6
c - 10	1.64	447601	461906	-3
c - 12	2.37	460504	461906	0
c - 14	3.05	469314	461906	2
c - 16	3.66	480138	461906	4
c - 18	4.29	474119	461906	3
o-Terphenyl	4.57	522769	461906	
c - 20	4.90	477615	461906	3
c - 22	5.40	480223	461906	4
c - 24	5.84	443377	461906	-4
c - 26	6.24	463794	461906	0
c - 28	6.60	458650	461906	-1
c - 30	6.93	461551	461906	0
c - 32	7.25	457112	461906	-1
c - 34	7.54	461242	461906	0
c - 36	7.90	461367	461906	0

* One compound allowed %D <= 50%

Samples

17H0058-12
17H0058-13
17H0059-06
17H0059-07
17H0059-11
17H0059-14
17H0059-17
17H0059-05
17H0058-06@5X
17H0058-08@5X
17H0058-18@5X
17H0059-03@5X
17H0064-07

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H0064

Laboratory Sample ID(s):

17H0064-01 thru 17H0064-11

Sample Date(s):

08/01/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/25/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 5, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H1283

Enclosed are results of analyses for samples received by the laboratory on August 23, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/5/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1283

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC10-CO-40	17H1283-01	Product/Solid		SW-846 8082A	
WS-AOC10-CO-41	17H1283-02	Product/Solid		SW-846 8082A	
WS-AOC10-CO-42	17H1283-03	Product/Solid		SW-846 8082A	
WS-AOC10-CO-43	17H1283-04	Product/Solid		SW-846 8082A	
WS-AOC10-CO-44	17H1283-05	Product/Solid		SW-846 8082A	
WS-AOC10-CO-45	17H1283-06	Product/Solid		SW-846 8082A	
WS-AOC3-CO-4	17H1283-07	Product/Solid		SW-846 8082A	
WS-AOC3-CO-5	17H1283-08	Product/Solid		SW-846 8082A	
WS-AOC9-AS-44	17H1283-09	Product/Solid		SW-846 8082A	
WS-AOC9-AS-46	17H1283-10	Product/Solid		SW-846 8082A	
WS-AOC9-AS-47	17H1283-11	Product/Solid		SW-846 8082A	
WS-AOC9-AS-48	17H1283-12	Product/Solid		SW-846 8082A	
WS-AOC9-CO-68	17H1283-13	Product/Solid		SW-846 8082A	
WS-AOC9-CO-69	17H1283-14	Product/Solid		SW-846 8082A	
WS-AOC9-CO-70	17H1283-15	Product/Solid		SW-846 8082A	
WS-AOC9-CO-71	17H1283-16	Product/Solid		SW-846 8082A	
WS-AOC9-CO-72	17H1283-17	Product/Solid		SW-846 8082A	
WS-AOC9-CO-73	17H1283-18	Product/Solid		SW-846 8082A	
WS-AOC9-CO-74	17H1283-19	Product/Solid		SW-846 8082A	
WS-AOC9-CO-75	17H1283-20	Product/Solid		SW-846 8082A	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC10-CO-40 Sampled: 8/23/2017 10:00

Sample ID: 17H1283-01

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1260 [1]	0.45	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:05	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.8	30-150		9/2/17 21:05
Decachlorobiphenyl [2]	86.1	30-150		9/2/17 21:05
Tetrachloro-m-xylene [1]	101	30-150		9/2/17 21:05
Tetrachloro-m-xylene [2]	69.3	30-150		9/2/17 21:05

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC10-CO-41 Sampled: 8/23/2017 10:10

Sample ID: 17H1283-02

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1248 [1]	0.11	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1260 [2]	0.31	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:23	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	83.4	30-150		9/2/17 21:23
Decachlorobiphenyl [2]	77.2	30-150		9/2/17 21:23
Tetrachloro-m-xylene [1]	93.4	30-150		9/2/17 21:23
Tetrachloro-m-xylene [2]	74.3	30-150		9/2/17 21:23

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC10-CO-42 Sampled: 8/23/2017 10:20

Sample ID: 17H1283-03

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1248 [1]	0.14	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1260 [2]	0.12	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:40	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.1	30-150		9/2/17 21:40
Decachlorobiphenyl [2]	81.6	30-150		9/2/17 21:40
Tetrachloro-m-xylene [1]	102	30-150		9/2/17 21:40
Tetrachloro-m-xylene [2]	79.1	30-150		9/2/17 21:40

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC10-CO-43 Sampled: 8/23/2017 10:30

Sample ID: 17H1283-04

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1260 [1]	0.28	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 21:58	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.2	30-150		9/2/17 21:58
Decachlorobiphenyl [2]	80.0	30-150		9/2/17 21:58
Tetrachloro-m-xylene [1]	98.9	30-150		9/2/17 21:58
Tetrachloro-m-xylene [2]	70.6	30-150		9/2/17 21:58

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC10-CO-44 Sampled: 8/23/2017 10:40

Sample ID: 17H1283-05

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1260 [1]	0.41	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:15	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	98.1	30-150		9/2/17 22:15
Decachlorobiphenyl [2]	84.8	30-150		9/2/17 22:15
Tetrachloro-m-xylene [1]	105	30-150		9/2/17 22:15
Tetrachloro-m-xylene [2]	76.2	30-150		9/2/17 22:15

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC10-CO-45 Sampled: 8/23/2017 10:50

Sample ID: 17H1283-06

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1248 [1]	0.12	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1260 [1]	0.19	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:33	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.3	30-150		9/2/17 22:33
Decachlorobiphenyl [2]	75.7	30-150		9/2/17 22:33
Tetrachloro-m-xylene [1]	86.4	30-150		9/2/17 22:33
Tetrachloro-m-xylene [2]	71.6	30-150		9/2/17 22:33

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC3-CO-4 Sampled: 8/23/2017 11:00

Sample ID: 17H1283-07

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 22:50	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	107	30-150		9/2/17 22:50
Decachlorobiphenyl [2]	90.9	30-150		9/2/17 22:50
Tetrachloro-m-xylene [1]	115	30-150		9/2/17 22:50
Tetrachloro-m-xylene [2]	79.3	30-150		9/2/17 22:50

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC3-CO-5 Sampled: 8/23/2017 11:10

Sample ID: 17H1283-08

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/2/17 23:07	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	117	30-150		9/2/17 23:07
Decachlorobiphenyl [2]	97.7	30-150		9/2/17 23:07
Tetrachloro-m-xylene [1]	114	30-150		9/2/17 23:07
Tetrachloro-m-xylene [2]	76.9	30-150		9/2/17 23:07

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-AS-44 Sampled: 8/23/2017 11:30

Sample ID: 17H1283-09

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:31	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	92.4	30-150		9/3/17 9:31
Decachlorobiphenyl [2]	82.1	30-150		9/3/17 9:31
Tetrachloro-m-xylene [1]	94.5	30-150		9/3/17 9:31
Tetrachloro-m-xylene [2]	72.0	30-150		9/3/17 9:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-AS-46 Sampled: 8/23/2017 11:35

Sample ID: 17H1283-10

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1260 [1]	0.10	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 9:48	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	75.2	30-150		9/3/17 9:48
Decachlorobiphenyl [2]	73.2	30-150		9/3/17 9:48
Tetrachloro-m-xylene [1]	88.2	30-150		9/3/17 9:48
Tetrachloro-m-xylene [2]	70.9	30-150		9/3/17 9:48

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-AS-47 Sampled: 8/23/2017 11:40

Sample ID: 17H1283-11

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:06	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	69.7	30-150		9/3/17 10:06
Decachlorobiphenyl [2]	69.7	30-150		9/3/17 10:06
Tetrachloro-m-xylene [1]	86.2	30-150		9/3/17 10:06
Tetrachloro-m-xylene [2]	71.7	30-150		9/3/17 10:06

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-AS-48 Sampled: 8/23/2017 11:45

Sample ID: 17H1283-12

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1260 [1]	0.14	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 10:23	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.5	30-150		9/3/17 10:23
Decachlorobiphenyl [2]	71.9	30-150		9/3/17 10:23
Tetrachloro-m-xylene [1]	80.5	30-150		9/3/17 10:23
Tetrachloro-m-xylene [2]	74.8	30-150		9/3/17 10:23

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-68 Sampled: 8/23/2017 11:50

Sample ID: 17H1283-13

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 1:57	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	81.7	30-150		9/3/17 1:57
Decachlorobiphenyl [2]	75.1	30-150		9/3/17 1:57
Tetrachloro-m-xylene [1]	110	30-150		9/3/17 1:57
Tetrachloro-m-xylene [2]	85.1	30-150		9/3/17 1:57

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-69 Sampled: 8/23/2017 11:55

Sample ID: 17H1283-14

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:14	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	97.6	30-150		9/3/17 2:14
Decachlorobiphenyl [2]	82.6	30-150		9/3/17 2:14
Tetrachloro-m-xylene [1]	115	30-150		9/3/17 2:14
Tetrachloro-m-xylene [2]	81.6	30-150		9/3/17 2:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-70 Sampled: 8/23/2017 12:00

Sample ID: 17H1283-15

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:32	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	88.4	30-150		9/3/17 2:32
Decachlorobiphenyl [2]	78.9	30-150		9/3/17 2:32
Tetrachloro-m-xylene [1]	110	30-150		9/3/17 2:32
Tetrachloro-m-xylene [2]	78.2	30-150		9/3/17 2:32

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-71 Sampled: 8/23/2017 12:05

Sample ID: 17H1283-16

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 2:49	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	103	30-150		9/3/17 2:49
Decachlorobiphenyl [2]	84.5	30-150		9/3/17 2:49
Tetrachloro-m-xylene [1]	114	30-150		9/3/17 2:49
Tetrachloro-m-xylene [2]	78.7	30-150		9/3/17 2:49

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-72 Sampled: 8/23/2017 12:10

Sample ID: 17H1283-17

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:07	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/3/17 3:07
Decachlorobiphenyl [2]	88.8	30-150		9/3/17 3:07
Tetrachloro-m-xylene [1]	116	30-150		9/3/17 3:07
Tetrachloro-m-xylene [2]	79.2	30-150		9/3/17 3:07

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-73 Sampled: 8/23/2017 12:15

Sample ID: 17H1283-18

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:25	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	114	30-150		9/3/17 3:25
Decachlorobiphenyl [2]	93.6	30-150		9/3/17 3:25
Tetrachloro-m-xylene [1]	118	30-150		9/3/17 3:25
Tetrachloro-m-xylene [2]	79.5	30-150		9/3/17 3:25

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-74 Sampled: 8/23/2017 12:20

Sample ID: 17H1283-19

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 3:42	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	115	30-150		9/3/17 3:42
Decachlorobiphenyl [2]	94.4	30-150		9/3/17 3:42
Tetrachloro-m-xylene [1]	115	30-150		9/3/17 3:42
Tetrachloro-m-xylene [2]	74.8	30-150		9/3/17 3:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1283

Date Received: 8/23/2017

Field Sample #: WS-AOC9-CO-75 Sampled: 8/23/2017 12:25

Sample ID: 17H1283-20

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1260 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	8/28/17	9/3/17 4:00	JMB

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		9/3/17 4:00
Decachlorobiphenyl [2]	92.4	30-150		9/3/17 4:00
Tetrachloro-m-xylene [1]	114	30-150		9/3/17 4:00
Tetrachloro-m-xylene [2]	78.0	30-150		9/3/17 4:00

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1283-01 [WS-AOC10-CO-40]	B185074	2.00	10.0	08/28/17
17H1283-02 [WS-AOC10-CO-41]	B185074	2.00	10.0	08/28/17
17H1283-03 [WS-AOC10-CO-42]	B185074	2.00	10.0	08/28/17
17H1283-04 [WS-AOC10-CO-43]	B185074	2.00	10.0	08/28/17
17H1283-05 [WS-AOC10-CO-44]	B185074	2.00	10.0	08/28/17
17H1283-06 [WS-AOC10-CO-45]	B185074	2.00	10.0	08/28/17
17H1283-07 [WS-AOC3-CO-4]	B185074	2.00	10.0	08/28/17
17H1283-08 [WS-AOC3-CO-5]	B185074	2.00	10.0	08/28/17
17H1283-09 [WS-AOC9-AS-44]	B185074	2.00	10.0	08/28/17
17H1283-10 [WS-AOC9-AS-46]	B185074	2.00	10.0	08/28/17
17H1283-11 [WS-AOC9-AS-47]	B185074	2.00	10.0	08/28/17
17H1283-12 [WS-AOC9-AS-48]	B185074	2.00	10.0	08/28/17
17H1283-13 [WS-AOC9-CO-68]	B185074	2.00	10.0	08/28/17
17H1283-14 [WS-AOC9-CO-69]	B185074	2.00	10.0	08/28/17
17H1283-15 [WS-AOC9-CO-70]	B185074	2.00	10.0	08/28/17
17H1283-16 [WS-AOC9-CO-71]	B185074	2.00	10.0	08/28/17
17H1283-17 [WS-AOC9-CO-72]	B185074	2.00	10.0	08/28/17
17H1283-18 [WS-AOC9-CO-73]	B185074	2.00	10.0	08/28/17
17H1283-19 [WS-AOC9-CO-74]	B185074	2.00	10.0	08/28/17
17H1283-20 [WS-AOC9-CO-75]	B185074	2.00	10.0	08/28/17

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185074 - SW-846 3540C										
Blank (B185074-BLK1)				Prepared: 08/28/17 Analyzed: 09/02/17						
Aroclor-1016	ND	0.10	mg/Kg							
Aroclor-1016 [2C]	ND	0.10	mg/Kg							
Aroclor-1221	ND	0.10	mg/Kg							
Aroclor-1221 [2C]	ND	0.10	mg/Kg							
Aroclor-1232	ND	0.10	mg/Kg							
Aroclor-1232 [2C]	ND	0.10	mg/Kg							
Aroclor-1242	ND	0.10	mg/Kg							
Aroclor-1242 [2C]	ND	0.10	mg/Kg							
Aroclor-1248	ND	0.10	mg/Kg							
Aroclor-1248 [2C]	ND	0.10	mg/Kg							
Aroclor-1254	ND	0.10	mg/Kg							
Aroclor-1254 [2C]	ND	0.10	mg/Kg							
Aroclor-1260	ND	0.10	mg/Kg							
Aroclor-1260 [2C]	ND	0.10	mg/Kg							
Aroclor-1262	ND	0.10	mg/Kg							
Aroclor-1262 [2C]	ND	0.10	mg/Kg							
Aroclor-1268	ND	0.10	mg/Kg							
Aroclor-1268 [2C]	ND	0.10	mg/Kg							
Surrogate: Decachlorobiphenyl	*0.974*		mg/Kg	1.00		97.4	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.856*		mg/Kg	1.00		85.6	30-150			
Surrogate: Tetrachloro-m-xylene	*1.05*		mg/Kg	1.00		105	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.807*		mg/Kg	1.00		80.7	30-150			
LCS (B185074-BS1)				Prepared: 08/28/17 Analyzed: 09/02/17						
Aroclor-1016	1.0	0.10	mg/Kg	1.00		99.6	40-140			
Aroclor-1016 [2C]	0.97	0.10	mg/Kg	1.00		97.2	40-140			
Aroclor-1260	0.88	0.10	mg/Kg	1.00		88.3	40-140			
Aroclor-1260 [2C]	0.88	0.10	mg/Kg	1.00		88.2	40-140			
Surrogate: Decachlorobiphenyl	*0.999*		mg/Kg	1.00		99.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.891*		mg/Kg	1.00		89.1	30-150			
Surrogate: Tetrachloro-m-xylene	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.808*		mg/Kg	1.00		80.8	30-150			
LCS Dup (B185074-BSD1)				Prepared: 08/28/17 Analyzed: 09/02/17						
Aroclor-1016	1.0	0.10	mg/Kg	1.00		105	40-140	4.92	30	
Aroclor-1016 [2C]	0.99	0.10	mg/Kg	1.00		99.1	40-140	1.98	30	
Aroclor-1260	0.89	0.10	mg/Kg	1.00		89.3	40-140	1.14	30	
Aroclor-1260 [2C]	0.88	0.10	mg/Kg	1.00		87.5	40-140	0.809	30	
Surrogate: Decachlorobiphenyl	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.900*		mg/Kg	1.00		90.0	30-150			
Surrogate: Tetrachloro-m-xylene	*1.09*		mg/Kg	1.00		109	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.816*		mg/Kg	1.00		81.6	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185074 - SW-846 3540C										
Matrix Spike (B185074-MS1)		**Source: 17H1283-18**		Prepared: 08/28/17 Analyzed: 09/02/17						
Aroclor-1016	1.1	0.10	mg/Kg	1.00	ND	108	40-140			
Aroclor-1016 [2C]	0.83	0.10	mg/Kg	1.00	ND	83.1	40-140			
Aroclor-1260	0.86	0.10	mg/Kg	1.00	ND	85.9	40-140			
Aroclor-1260 [2C]	0.85	0.10	mg/Kg	1.00	ND	85.4	40-140			
Surrogate: Decachlorobiphenyl	*1.15*		mg/Kg	1.00		115	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.974*		mg/Kg	1.00		97.4	30-150			
Surrogate: Tetrachloro-m-xylene	*1.14*		mg/Kg	1.00		114	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.777*		mg/Kg	1.00		77.7	30-150			
Matrix Spike Dup (B185074-MSD1)		**Source: 17H1283-18**		Prepared: 08/28/17 Analyzed: 09/02/17						
Aroclor-1016	0.74	0.10	mg/Kg	1.00	ND	74.5	40-140	36.8	50	
Aroclor-1016 [2C]	0.68	0.10	mg/Kg	1.00	ND	67.9	40-140	20.2	50	
Aroclor-1260	0.82	0.10	mg/Kg	1.00	ND	82.0	40-140	4.57	50	
Aroclor-1260 [2C]	0.82	0.10	mg/Kg	1.00	ND	81.5	40-140	4.64	50	
Surrogate: Decachlorobiphenyl	*1.23*		mg/Kg	1.00		123	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.03*		mg/Kg	1.00		103	30-150			
Surrogate: Tetrachloro-m-xylene	*1.17*		mg/Kg	1.00		117	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.784*		mg/Kg	1.00		78.4	30-150			

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC10-CO-40

Lab Sample ID: 17H1283-01

Date(s) Analyzed: 09/02/2017 09/02/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.45	
	2	0.000	0.000	0.000	0.43	4.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC10-CO-41

Lab Sample ID: 17H1283-02

Date(s) Analyzed: 09/02/2017 09/02/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1248	1	0.000	0.000	0.000	0.11	
	2	0.000	0.000	0.000	0.10	9.5
Aroclor-1260	1	0.000	0.000	0.000	0.30	
	2	0.000	0.000	0.000	0.31	3.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC10-CO-42

Lab Sample ID: 17H1283-03

Date(s) Analyzed: 09/02/2017 09/02/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1248	1	0.000	0.000	0.000	0.14	
	2	0.000	0.000	0.000	0.13	7.4
Aroclor-1260	1	0.000	0.000	0.000	0.12	
	2	0.000	0.000	0.000	0.12	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC10-CO-43

Lab Sample ID: 17H1283-04

Date(s) Analyzed: 09/02/2017 09/02/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.28	
	2	0.000	0.000	0.000	0.26	7.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC10-CO-44

Lab Sample ID: 17H1283-05

Date(s) Analyzed: 09/02/2017 09/02/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.41	
	2	0.000	0.000	0.000	0.40	2.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC10-CO-45

Lab Sample ID: 17H1283-06

Date(s) Analyzed: 09/02/2017 09/02/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1248	1	0.000	0.000	0.000	0.12	
	2	0.000	0.000	0.000	0.12	0.0
Aroclor-1260	1	0.000	0.000	0.000	0.19	
	2	0.000	0.000	0.000	0.18	5.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC9-AS-48

Lab Sample ID: 17H1283-12

Date(s) Analyzed: 09/03/2017 09/03/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.14	
	2	0.000	0.000	0.000	0.13	7.4

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17H 1283

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Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 1_03242017

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson
Address:	273 Dividend Rd, Rocky Hill, CT
Phone:	860-513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Quote Name/Number:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	William Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: beelerm@wse.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs VLC Soxlet										# of Containers / [2] Preservation Code / [3] Container Code
								1										# of Containers
								H										[2] Preservation Code
								A										[3] Container Code
1	WS-AOC10-Co-40	8/23/17	1000		X	O	U	X										
2	WS-AOC10-Co-41		1010					X										
3	WS-AOC10-Co-42		1020					X										
4	WS-AOC10-Co-43		1030					X										
5	WS-AOC10-Co-44		1040					X										
6	WS-AOC10-Co-45		1050					X										
7	WS-AOC3-Co-4		1100					X										
8	WS-AOC3-Co-5		1110					X										
9	WS-AOC9-AS-44		1130					X										
10	WS-AOC9-AS-46		1135					X										

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define) POROUS MEDIA

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
8/23/17	1500
Received by: (signature) Tom Mai 8/23/17	1500
Relinquished by: (signature) Tom Mai 8/23/17	1845
Received by: (signature) 3.2 8/23/17	1845
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
ET Rep3 Rec
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☑ Soxhlet
☐ Non Soxhlet

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17H1283

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Doc # 381 Rev 1_03242017

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CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson
Address:	273 Dividend Rd, Rocky Hill, CT
Phone:	860-513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Quote Name/Number:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	William Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Due Date:

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
CLP Like Data Pkg Required: ☐
Email To: beelerm@wse.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs via Soxhlet											
11	WS-AOC9-AS-47	8/23/17	1140		X	O	U	X											
12	WS-AOC9-AS-48	↓	1145		↓	↓	↓	X											
13	WS-AOC9-Co-68		1150					X											
14	WS-AOC9-Co-69		1155					X											
15	WS-AOC9-Co-70		1200					X											
16	WS-AOC9-Co-71		1205					X											
17	WS-AOC9-Co-72		1210					X											
18	WS-AOC9-Co-73		1215					X											
19	WS-AOC9-Co-74		1220					X											
20	WS-AOC9-Co-75	↓	1225		↓	↓	↓	X											

# of Containers	1																						
[2] Preservation Code	I																						
[3] Container Code	A																						

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

Comments:
WS-AOC9-Co-73 = MS/MSD

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) 8/23/17	Date/Time: 1500
Received by: (signature) Tom Marie 8/23/17	Date/Time: 1500
Relinquished by: (signature) Tom Marie 8/23/17	Date/Time: 1845
Received by: (signature) 3.2 8/23/17	Date/Time: 1845
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT Reg Dec
Other:

Special Requirements
☐ MA MCP Required
MCP Certification Form Required
☑ CT RCP Required
RCP Certification Form Required
☐ MA State DW Required
PWSID #

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Project Entity
☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ *AIHA-LAP,LLC*

PCB ONLY
☒ Soxhlet
☐ Non Soxhlet

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)
Various Media

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

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F: 413-525-6405
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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By A.F Date 8/23/17 Time 1845

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? N/A
Are there Rushes? N/A Who was notified? N/A
Are there Short Holds? N/A Who was notified? N/A
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	22
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H1283

Laboratory Sample ID(s):

17H1283-01 thru 17H1283-20

Sample Date(s):

08/23/2017

List RCP Methods Used:

SW-846 8082A

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Tod Kopyscinski **Position:** **Laboratory Director**

Printed Name: **Tod E. Kopyscinski** **Date:** **09/05/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

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September 12, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H1544

Enclosed are results of analyses for samples received by the laboratory on August 29, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1544

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC13-SE-26	17H1544-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-27	17H1544-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-28	17H1544-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-29	17H1544-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-30	17H1544-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1544

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC13-SE-31	17H1544-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SE-6	17H1544-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC8-SE-16	17H1544-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC8-SE-17	17H1544-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
AS-AOC8-SE-18	17H1544-10	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1544

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC8-SE-19	17H1544-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC8-SE-24	17H1544-12	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-CO-26	17H1544-13	Product/Solid		SW-846 8082A	
WS-AOC13-CO-27	17H1544-14	Product/Solid		SW-846 8082A	
WS-AOC13-CO-29	17H1544-15	Product/Solid		SW-846 8082A	
WS-AOC8-CO-16	17H1544-16	Product/Solid		SW-846 8082A	
WS-AOC8-CO-17	17H1544-17	Product/Solid		SW-846 8082A	
WS-AOC8-CO-18	17H1544-18	Product/Solid		SW-846 8082A	
WS-AOC8-CO-19	17H1544-19	Product/Solid		SW-846 8082A	
WS-AOC13-SE-Dup1	17H1544-20	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17H1544-01[WS-AOC13-SE-26], 17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-12[WS-AOC8-SE-24], 17H1544-20[WS-AOC13-SE-Dup1]

SW-846 6010C-D

Qualifications:

DL-04

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

Silver

17H1544-01[WS-AOC13-SE-26], 17H1544-03[WS-AOC13-SE-28], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-20[WS-AOC13-SE-Dup1]

SW-846 8082A

Qualifications:

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aroclor-1260

17H1544-01[WS-AOC13-SE-26], B185576-MS1, B185576-MSD1

Aroclor-1260 [2C]

17H1544-01[WS-AOC13-SE-26], B185576-MS1, B185576-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

Decachlorobiphenyl [2C]

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

Tetrachloro-m-xylene

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

Tetrachloro-m-xylene [2C]

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

SW-846 8260C

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB

B185016-BS1

Chloromethane

B185016-BS1

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V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Tetrahydrofuran
17H1544-01[WS-AOC13-SE-26], 17H1544-02[WS-AOC13-SE-27], 17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-20[WS-AOC13-SE-Dup1], B185200-BLK1, B185200-BS1

SW-846 8270D

Qualifications:

E

Reported result is estimated. Value reported over verified calibration range.

Analyte & Samples(s) Qualified:

Acenaphthene
17H1544-09[WS-AOC8-SE-17], 17H1544-11[WS-AOC8-SE-19]

Anthracene
17H1544-09[WS-AOC8-SE-17], 17H1544-11[WS-AOC8-SE-19]

Benzo(a)anthracene
17H1544-03[WS-AOC13-SE-28], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(a)pyrene
17H1544-03[WS-AOC13-SE-28], 17H1544-06[WS-AOC13-SE-31], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(b)fluoranthene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(g,h,i)perylene
17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(k)fluoranthene
17H1544-09[WS-AOC8-SE-17], 17H1544-11[WS-AOC8-SE-19]

Carbazole
17H1544-11[WS-AOC8-SE-19]

Chrysene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Dibenz(a,h)anthracene
17H1544-11[WS-AOC8-SE-19]

Fluoranthene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-11RE1[WS-AOC8-SE-19]

Fluorene
17H1544-11[WS-AOC8-SE-19]

Indeno(1,2,3-cd)pyrene
17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Phenanthrene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Pyrene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-11RE1[WS-AOC8-SE-19]

MS-08

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Benzo(a)pyrene
B185495-MS1

Benzo(b)fluoranthene
B185495-MS1

Benzo(k)fluoranthene
B185495-MS1

Pentachlorophenol
B185495-MSD1

Phenanthrene
B185495-MSD1

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MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aniline
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(a)anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(g,h,i)perylene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Chrysene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Dibenz(a,h)anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Hexachlorocyclopentadiene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Hexachloroethane
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Indeno(1,2,3-cd)pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Pyridine
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Acenaphthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(a)anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(a)pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(b)fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(k)fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Carbazole
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Chrysene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Indeno(1,2,3-cd)pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Phenanthrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-12[WS-AOC8-SE-24], 17H1544-20[WS-AOC13-SE-Dup1]

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S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

2-Fluorobiphenyl
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

2-Fluorophenol
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

Nitrobenzene-d5
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

Phenol-d6
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

p-Terphenyl-d14
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Hexachlorocyclopentadiene
17H1544-03RE1[WS-AOC13-SE-28], 17H1544-04RE1[WS-AOC13-SE-29], 17H1544-05RE1[WS-AOC13-SE-30], 17H1544-06RE1[WS-AOC13-SE-31], 17H1544-08RE1[WS-AOC8-SE-16], 17H1544-09RE1[WS-AOC8-SE-17], 17H1544-10RE1[AS-AOC8-SE-18], 17H1544-11RE1[WS-AOC8-SE-19], 17H1544-11RE2[WS-AOC8-SE-19], 17H1544-12[WS-AOC8-SE-24]

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene
17H1544-01[WS-AOC13-SE-26], 17H1544-02[WS-AOC13-SE-27], 17H1544-03[WS-AOC13-SE-28], 17H1544-03RE1[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-04RE1[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-05RE1[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-06RE1[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-08RE1[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-09RE1[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-10RE1[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-11RE1[WS-AOC8-SE-19], 17H1544-11RE2[WS-AOC8-SE-19], 17H1544-12[WS-AOC8-SE-24], 17H1544-20[WS-AOC13-SE-Dup1], B185495-BLK1, B185495-BS1, B185495-BSD1, B185495-MS1, B185495-MSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

SW-846 8270D

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Acrylonitrile	ND	0.0052	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromomethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Carbon Disulfide	ND	0.0052	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chlorodibromomethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chloromethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,3-Dichloropropane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
cis-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
trans-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Tetrahydrofuran	ND	0.0087	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Vinyl Chloride	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/30/17 7:26
Toluene-d8	104	70-130		8/30/17 7:26
4-Bromofluorobenzene	99.5	70-130		8/30/17 7:26

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(a)anthracene	0.36	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(a)pyrene	0.50	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(b)fluoranthene	0.73	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(g,h,i)perylene	0.52	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(k)fluoranthene	0.27	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Chrysene	0.47	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Fluoranthene	0.60	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Indeno(1,2,3-cd)pyrene	0.46	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pyrene	0.61	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	60.4	30-130		9/6/17 20:28
Phenol-d6	62.3	30-130		9/6/17 20:28
Nitrobenzene-d5	64.9	30-130		9/6/17 20:28
2-Fluorobiphenyl	64.5	30-130		9/6/17 20:28
2,4,6-Tribromophenol	73.9	30-130		9/6/17 20:28
p-Terphenyl-d14	71.8	30-130		9/6/17 20:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1254 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1260 [1]	1.7	0.46	mg/Kg dry	20	MS-19	SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		9/9/17 23:03
Decachlorobiphenyl [2]	113	30-150		9/9/17 23:03
Tetrachloro-m-xylene [1]	93.7	30-150		9/9/17 23:03
Tetrachloro-m-xylene [2]	104	30-150		9/9/17 23:03

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	900	230	mg/Kg dry	20		CTDEP ETPH	9/5/17	9/7/17 18:21	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 18:21

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	16	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Arsenic	26	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Barium	66	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Cadmium	1.9	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Chromium	74	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Copper	360	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Lead	190	0.82	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Mercury	0.12	0.028	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:08	TJK
Nickel	110	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Silver	ND	2.7	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:03	QNW
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:08	QNW
Vanadium	380	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Zinc	310	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.15	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Acrylonitrile	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Benzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromodichloromethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromoform	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromomethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2-Butanone (MEK)	ND	0.061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
n-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
sec-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
tert-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Carbon Disulfide	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Carbon Tetrachloride	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chlorodibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chloroethane	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chloroform	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chloromethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2-Chlorotoluene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
4-Chlorotoluene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dibromoethane (EDB)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Dibromomethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,3-Dichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,4-Dichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1-Dichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1-Dichloroethylene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
cis-1,2-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
trans-1,2-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,3-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2,2-Dichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1-Dichloropropene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
cis-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
trans-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Ethylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Hexachlorobutadiene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2-Hexanone (MBK)	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Isopropylbenzene (Cumene)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Methylene Chloride	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
n-Propylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Styrene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Tetrachloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Tetrahydrofuran	ND	0.015	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Toluene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,3-Trichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,4-Trichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,1-Trichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,2-Trichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Trichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,3-Trichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,4-Trimethylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,3,5-Trimethylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Vinyl Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
m+p Xylene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
o-Xylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		8/30/17 7:55
Toluene-d8	103	70-130		8/30/17 7:55
4-Bromofluorobenzene	101	70-130		8/30/17 7:55

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Acenaphthylene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Aniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Anthracene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(a)anthracene	2.0	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(a)pyrene	2.3	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(b)fluoranthene	3.2	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(g,h,i)perylene	1.7	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(k)fluoranthene	1.2	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-chloroethoxy)methane	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-chloroethyl)ether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-chloroisopropyl)ether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Bromophenylphenylether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Butylbenzylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Carbazole	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Chloroaniline	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Chloro-3-methylphenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Chloronaphthalene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Chlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Chlorophenylphenylether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Chrysene	2.3	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Dibenz(a,h)anthracene	0.44	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Dibenzofuran	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Di-n-butylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
3,3-Dichlorobenzidine	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dichlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Diethylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dimethylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Dimethylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4,6-Dinitro-2-methylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dinitrophenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dinitrotoluene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,6-Dinitrotoluene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Di-n-octylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Fluoranthene	3.6	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Fluorene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachlorobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachlorobutadiene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachlorocyclopentadiene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachloroethane	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Indeno(1,2,3-cd)pyrene	1.8	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Isophorone	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Methylnaphthalene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
3/4-Methylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Naphthalene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Nitroaniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
3-Nitroaniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Nitroaniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Nitrobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Nitrophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Nitrophenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
N-Nitrosodiphenylamine	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
N-Nitrosodi-n-propylamine	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pentachloronitrobenzene	ND	0.56	mg/Kg dry	1	V-16	SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pentachlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Phenanthrene	0.93	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Phenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pyrene	3.5	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pyridine	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
1,2,4-Trichlorobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4,5-Trichlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4,6-Trichlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	50.2	30-130		9/6/17 20:52
Phenol-d6	52.6	30-130		9/6/17 20:52
Nitrobenzene-d5	58.0	30-130		9/6/17 20:52
2-Fluorobiphenyl	57.9	30-130		9/6/17 20:52
2,4,6-Tribromophenol	65.0	30-130		9/6/17 20:52
p-Terphenyl-d14	66.7	30-130		9/6/17 20:52

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1254 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1260 [1]	5.0	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/9/17 23:15
Decachlorobiphenyl [2]	*	30-150	S-01	9/9/17 23:15
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/9/17 23:15
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/9/17 23:15

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	210	170	mg/Kg dry	10		CTDEP ETPH	9/5/17	9/8/17 16:29	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	64.1	50-150		9/8/17 16:29

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	6.2	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Arsenic	15	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Barium	180	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Beryllium	ND	0.41	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Cadmium	3.7	0.41	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Chromium	47	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Copper	650	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Lead	310	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Mercury	0.83	0.084	mg/Kg dry	2		SW-846 7471B	8/30/17	9/6/17 13:14	TJK
Nickel	160	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Selenium	37	8.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Silver	ND	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Thallium	ND	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Vanadium	450	1.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Zinc	1000	1.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	60.2		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Acrylonitrile	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromomethane	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
n-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Carbon Disulfide	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chlorodibromomethane	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chloromethane	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dibromoethane (EDB)	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,3-Dichloropropane	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
cis-1,3-Dichloropropene	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
trans-1,3-Dichloropropene	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Isopropylbenzene (Cumene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Tetrahydrofuran	ND	0.0079	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Vinyl Chloride	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/30/17 8:23
Toluene-d8	104	70-130		8/30/17 8:23
4-Bromofluorobenzene	98.3	70-130		8/30/17 8:23

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	2.1	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Acenaphthene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Acenaphthylene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Aniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Aniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Anthracene	4.8	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Anthracene	5.5	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(a)anthracene	21	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(a)anthracene	23	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(a)pyrene	15	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(a)pyrene	16	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(b)fluoranthene	22	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(b)fluoranthene	24	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(g,h,i)perylene	7.5	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(g,h,i)perylene	7.9	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(k)fluoranthene	8.4	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(k)fluoranthene	9.9	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-chloroethoxy)methane	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-chloroethyl)ether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-chloroisopropyl)ether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-Ethylhexyl)phthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Bromophenylphenylether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Butylbenzylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Carbazole	5.6	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Carbazole	6.2	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Chloroaniline	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Chloro-3-methylphenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Chloro-3-methylphenol	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Chloronaphthalene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Chlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Chlorophenylphenylether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Chlorophenylphenylether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Chrysene	22	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Chrysene	25	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	2.0	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Dibenz(a,h)anthracene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Dibenzofuran	1.6	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Dibenzofuran	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Di-n-butylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
3,3-Dichlorobenzidine	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dichlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Diethylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dimethylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Dimethylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4,6-Dinitro-2-methylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dinitrophenol	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dinitrotoluene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,6-Dinitrotoluene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Di-n-octylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Fluoranthene	67	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Fluoranthene	71	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Fluorene	1.5	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Fluorene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachlorobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachlorobutadiene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachlorocyclopentadiene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachlorocyclopentadiene	ND	7.5	mg/Kg dry	20	V-05	SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachloroethane	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Indeno(1,2,3-cd)pyrene	8.7	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Indeno(1,2,3-cd)pyrene	8.9	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Isophorone	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Isophorone	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Methylnaphthalene	0.41	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Methylnaphthalene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Methylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
3/4-Methylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Naphthalene	1.2	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Naphthalene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Nitroaniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Nitroaniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
3-Nitroaniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
3-Nitroaniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Nitroaniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Nitroaniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Nitrobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Nitrophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Nitrophenol	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
N-Nitrosodiphenylamine	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
N-Nitrosodiphenylamine	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
N-Nitrosodi-n-propylamine	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
N-Nitrosodi-n-propylamine	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pentachloronitrobenzene	ND	0.75	mg/Kg dry	2	V-16	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pentachloronitrobenzene	ND	7.5	mg/Kg dry	20	V-16	SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pentachlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Phenanthrene	45	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Phenanthrene	46	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Phenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Phenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pyrene	61	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pyrene	56	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pyridine	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pyridine	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
1,2,4-Trichlorobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4,5-Trichlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4,6-Trichlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	57.5	30-130		9/6/17 21:16

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		68.1	30-130					9/7/17 13:45	
Phenol-d6		57.6	30-130					9/6/17 21:16	
Phenol-d6		66.6	30-130					9/7/17 13:45	
Nitrobenzene-d5		64.2	30-130					9/6/17 21:16	
Nitrobenzene-d5		76.0	30-130					9/7/17 13:45	
2-Fluorobiphenyl		59.5	30-130					9/6/17 21:16	
2-Fluorobiphenyl		66.6	30-130					9/7/17 13:45	
2,4,6-Tribromophenol		69.0	30-130					9/6/17 21:16	
2,4,6-Tribromophenol		74.3	30-130					9/7/17 13:45	
p-Terphenyl-d14		69.3	30-130					9/6/17 21:16	
p-Terphenyl-d14		72.6	30-130					9/7/17 13:45	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1221 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1232 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1242 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1248 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1254 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1260 [2]	0.26	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1262 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1268 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.8	30-150		9/9/17 23:28
Decachlorobiphenyl [2]	98.3	30-150		9/9/17 23:28
Tetrachloro-m-xylene [1]	91.9	30-150		9/9/17 23:28
Tetrachloro-m-xylene [2]	95.9	30-150		9/9/17 23:28

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	720	550	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 18:57	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 18:57

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	19	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Arsenic	10	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Barium	61	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Cadmium	0.78	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Chromium	48	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Copper	200	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Lead	240	0.82	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Mercury	0.10	0.027	mg/Kg dry	1		SW-846 7471B	8/30/17	9/6/17 13:09	TJK
Nickel	69	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Silver	ND	2.7	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:12	QNW
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:17	QNW
Vanadium	68	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Zinc	240	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Acrylonitrile	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromomethane	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
n-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Carbon Disulfide	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chlorodibromomethane	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chloromethane	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dibromoethane (EDB)	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,3-Dichloropropane	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
cis-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
trans-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Tetrahydrofuran	ND	0.0076	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Vinyl Chloride	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		8/30/17 9:19
Toluene-d8	105	70-130		8/30/17 9:19
4-Bromofluorobenzene	104	70-130		8/30/17 9:19

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Acenaphthene	1.6	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Acenaphthylene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Acenaphthylene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Aniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Aniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Anthracene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Anthracene	3.8	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(a)anthracene	16	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(a)anthracene	17	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(a)pyrene	13	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(a)pyrene	13	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(b)fluoranthene	18	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(b)fluoranthene	19	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(g,h,i)perylene	6.2	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(g,h,i)perylene	7.7	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(k)fluoranthene	7.3	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(k)fluoranthene	6.8	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-chloroethoxy)methane	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-chloroethyl)ether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-chloroisopropyl)ether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Bromophenylphenylether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Butylbenzylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Carbazole	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Carbazole	3.5	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Chloroaniline	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Chloroaniline	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Chloro-3-methylphenol	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Chloro-3-methylphenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Chloronaphthalene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Chloronaphthalene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Chlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Chlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Chlorophenylphenylether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Chlorophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Chrysene	18	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Chrysene	18	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Dibenz(a,h)anthracene	1.8	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Dibenzofuran	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Dibenzofuran	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Di-n-butylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Di-n-butylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
3,3-Dichlorobenzidine	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
3,3-Dichlorobenzidine	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dichlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Diethylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Diethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dimethylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Dimethylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4,6-Dinitro-2-methylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4,6-Dinitro-2-methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dinitrophenol	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dinitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dinitrotoluene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,6-Dinitrotoluene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Di-n-octylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Fluoranthene	46	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Fluoranthene	52	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Fluorene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Fluorene	1.2	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachlorobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachlorobutadiene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachlorobutadiene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachlorocyclopentadiene	ND	9.4	mg/Kg dry	25	V-05	SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachloroethane	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachloroethane	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Indeno(1,2,3-cd)pyrene	6.6	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Indeno(1,2,3-cd)pyrene	8.4	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Isophorone	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Isophorone	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Methylnaphthalene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Methylnaphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
3/4-Methylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
3/4-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Naphthalene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Naphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Nitroaniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
3-Nitroaniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
3-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Nitroaniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Nitrobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Nitrobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Nitrophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Nitrophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Nitrophenol	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Nitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
N-Nitrosodiphenylamine	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
N-Nitrosodiphenylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
N-Nitrosodi-n-propylamine	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
N-Nitrosodi-n-propylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pentachloronitrobenzene	ND	9.4	mg/Kg dry	25	V-16	SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pentachloronitrobenzene	ND	1.5	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pentachlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pentachlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Phenanthrene	27	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Phenanthrene	30	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Phenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Phenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pyrene	36	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pyrene	46	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pyridine	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pyridine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
1,2,4-Trichlorobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4,5-Trichlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4,6-Trichlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	65.6	30-130		9/7/17 19:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		67.3	30-130					9/6/17 21:40	
Phenol-d6		68.4	30-130					9/7/17 19:06	
Phenol-d6		69.3	30-130					9/6/17 21:40	
Nitrobenzene-d5		76.5	30-130					9/7/17 19:06	
Nitrobenzene-d5		79.8	30-130					9/6/17 21:40	
2-Fluorobiphenyl		67.3	30-130					9/7/17 19:06	
2-Fluorobiphenyl		70.8	30-130					9/6/17 21:40	
2,4,6-Tribromophenol		86.7	30-130					9/7/17 19:06	
2,4,6-Tribromophenol		89.6	30-130					9/6/17 21:40	
p-Terphenyl-d14		74.3	30-130					9/7/17 19:06	
p-Terphenyl-d14		88.2	30-130					9/6/17 21:40	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1221 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1232 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1242 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1248 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1254 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1260 [1]	0.40	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1262 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1268 [1]	0.17	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.1	30-150		9/9/17 23:41
Decachlorobiphenyl [2]	96.4	30-150		9/9/17 23:41
Tetrachloro-m-xylene [1]	75.6	30-150		9/9/17 23:41
Tetrachloro-m-xylene [2]	79.2	30-150		9/9/17 23:41

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	780	550	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 19:14	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 19:14

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	5.6	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Arsenic	5.0	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Barium	130	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Cadmium	1.2	0.26	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Chromium	26	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Copper	140	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Lead	280	0.79	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Mercury	0.26	0.027	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:28	TJK
Nickel	92	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Vanadium	170	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Zinc	630	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.5		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		8/30/17 9:48
Toluene-d8	105	70-130		8/30/17 9:48
4-Bromofluorobenzene	98.8	70-130		8/30/17 9:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Acenaphthene	ND	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Acenaphthylene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Acenaphthylene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Aniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Aniline	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Anthracene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Anthracene	0.95	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(a)anthracene	9.7	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(a)anthracene	10	0.75	mg/Kg dry	4	MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(a)pyrene	8.0	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(a)pyrene	8.8	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(b)fluoranthene	12	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(b)fluoranthene	13	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(g,h,i)perylene	4.3	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(g,h,i)perylene	5.3	0.75	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(k)fluoranthene	3.8	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(k)fluoranthene	4.9	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-chloroethoxy)methane	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-chloroethyl)ether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-chloroisopropyl)ether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-Ethylhexyl)phthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Bromophenylphenylether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Butylbenzylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Carbazole	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Carbazole	0.77	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Chloroaniline	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Chloroaniline	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Chloro-3-methylphenol	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Chloro-3-methylphenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Chloronaphthalene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Chloronaphthalene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Chlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Chlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Chlorophenylphenylether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Chlorophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Chrysene	10	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Chrysene	11	0.75	mg/Kg dry	4	MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Dibenz(a,h)anthracene	1.4	0.75	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Dibenzofuran	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Dibenzofuran	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Di-n-butylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Di-n-butylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
3,3-Dichlorobenzidine	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
3,3-Dichlorobenzidine	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dichlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Diethylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Diethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dimethylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Dimethylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4,6-Dinitro-2-methylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4,6-Dinitro-2-methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dinitrophenol	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dinitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dinitrotoluene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,6-Dinitrotoluene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Di-n-octylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Fluoranthene	21	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Fluoranthene	24	0.75	mg/Kg dry	4	E, MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Fluorene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Fluorene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachlorobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachlorobutadiene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachlorobutadiene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachlorocyclopentadiene	ND	6.0	mg/Kg dry	16	V-05	SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachloroethane	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachloroethane	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Indeno(1,2,3-cd)pyrene	4.1	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Indeno(1,2,3-cd)pyrene	5.6	0.75	mg/Kg dry	4	MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Isophorone	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Isophorone	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Methylnaphthalene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Methylnaphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
3/4-Methylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
3/4-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Naphthalene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Naphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Nitroaniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
3-Nitroaniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
3-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Nitroaniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Nitrobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Nitrobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Nitrophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Nitrophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Nitrophenol	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Nitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
N-Nitrosodiphenylamine	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
N-Nitrosodiphenylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
N-Nitrosodi-n-propylamine	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
N-Nitrosodi-n-propylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pentachloronitrobenzene	ND	6.0	mg/Kg dry	16	V-16	SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pentachloronitrobenzene	ND	1.5	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pentachlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pentachlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Phenanthrene	6.2	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Phenanthrene	6.8	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Phenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Phenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pyrene	18	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pyrene	22	0.75	mg/Kg dry	4	E, MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pyridine	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pyridine	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
1,2,4-Trichlorobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4,5-Trichlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4,6-Trichlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	51.5	30-130		9/7/17 19:34

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		54.9	30-130					9/6/17 22:03	
Phenol-d6		51.9	30-130					9/7/17 19:34	
Phenol-d6		57.0	30-130					9/6/17 22:03	
Nitrobenzene-d5		63.4	30-130					9/7/17 19:34	
Nitrobenzene-d5		66.2	30-130					9/6/17 22:03	
2-Fluorobiphenyl		55.5	30-130					9/7/17 19:34	
2-Fluorobiphenyl		61.0	30-130					9/6/17 22:03	
2,4,6-Tribromophenol		69.8	30-130					9/7/17 19:34	
2,4,6-Tribromophenol		75.5	30-130					9/6/17 22:03	
p-Terphenyl-d14		62.4	30-130					9/7/17 19:34	
p-Terphenyl-d14		71.4	30-130					9/6/17 22:03	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1221 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1232 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1242 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1248 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1254 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1260 [1]	0.46	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1262 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1268 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.2	30-150		9/9/17 23:53
Decachlorobiphenyl [2]	89.7	30-150		9/9/17 23:53
Tetrachloro-m-xylene [1]	92.8	30-150		9/9/17 23:53
Tetrachloro-m-xylene [2]	95.6	30-150		9/9/17 23:53

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	820	550	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 19:32	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 19:32

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	24	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Arsenic	8.4	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Barium	560	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Cadmium	3.0	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Chromium	87	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Copper	350	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Lead	1500	0.76	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Mercury	0.25	0.028	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:30	TJK
Nickel	130	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Silver	ND	1.0	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:21	QNW
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:25	QNW
Vanadium	300	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Zinc	1900	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Acrylonitrile	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/30/17 10:16
Toluene-d8	104	70-130		8/30/17 10:16
4-Bromofluorobenzene	104	70-130		8/30/17 10:16

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	3.2	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Acenaphthene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Acenaphthylene	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Acenaphthylene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Aniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Aniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Anthracene	7.7	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Anthracene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(a)anthracene	38	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(a)anthracene	42	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(a)pyrene	28	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(a)pyrene	30	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(b)fluoranthene	42	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(b)fluoranthene	42	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(g,h,i)perylene	14	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(g,h,i)perylene	14	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(k)fluoranthene	15	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(k)fluoranthene	17	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-chloroethoxy)methane	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-chloroethoxy)methane	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-chloroethyl)ether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-chloroethyl)ether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-chloroisopropyl)ether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-chloroisopropyl)ether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-Ethylhexyl)phthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Bromophenylphenylether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Bromophenylphenylether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Butylbenzylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Butylbenzylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Carbazole	6.9	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Carbazole	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Chloroaniline	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Chloroaniline	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Chloro-3-methylphenol	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Chloro-3-methylphenol	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Chloronaphthalene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Chloronaphthalene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Chlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Chlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Chlorophenylphenylether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Chlorophenylphenylether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Chrysene	40	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Chrysene	45	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	3.8	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Dibenz(a,h)anthracene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Dibenzofuran	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Dibenzofuran	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Di-n-butylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Di-n-butylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
3,3-Dichlorobenzidine	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
3,3-Dichlorobenzidine	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dichlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dichlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Diethylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Diethylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dimethylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dimethylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Dimethylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Dimethylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4,6-Dinitro-2-methylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4,6-Dinitro-2-methylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dinitrophenol	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dinitrophenol	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dinitrotoluene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dinitrotoluene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,6-Dinitrotoluene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,6-Dinitrotoluene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Di-n-octylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Di-n-octylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Fluoranthene	130	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Fluoranthene	120	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Fluorene	2.3	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Fluorene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachlorobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachlorobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachlorobutadiene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachlorobutadiene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachlorocyclopentadiene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachlorocyclopentadiene	ND	21	mg/Kg dry	40	V-05	SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachloroethane	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachloroethane	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Indeno(1,2,3-cd)pyrene	15	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Indeno(1,2,3-cd)pyrene	17	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Isophorone	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Isophorone	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Methylnaphthalene	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Methylnaphthalene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Methylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
3/4-Methylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
3/4-Methylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Naphthalene	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Naphthalene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Nitroaniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Nitroaniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
3-Nitroaniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
3-Nitroaniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Nitroaniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Nitroaniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Nitrobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Nitrobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Nitrophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Nitrophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Nitrophenol	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Nitrophenol	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
N-Nitrosodiphenylamine	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
N-Nitrosodiphenylamine	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
N-Nitrosodi-n-propylamine	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
N-Nitrosodi-n-propylamine	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pentachloronitrobenzene	ND	2.1	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pentachloronitrobenzene	ND	21	mg/Kg dry	40	V-16	SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pentachlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pentachlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Phenanthrene	66	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Phenanthrene	61	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Phenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Phenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pyrene	110	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pyrene	97	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pyridine	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pyridine	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
1,2,4,5-Tetrachlorobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
1,2,4,5-Tetrachlorobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
1,2,4-Trichlorobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
1,2,4-Trichlorobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4,5-Trichlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4,5-Trichlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4,6-Trichlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4,6-Trichlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	63.3	30-130		9/6/17 22:27

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		71.8	30-130					9/7/17 14:15	
Phenol-d6		65.5	30-130					9/6/17 22:27	
Phenol-d6		72.2	30-130					9/7/17 14:15	
Nitrobenzene-d5		67.6	30-130					9/6/17 22:27	
Nitrobenzene-d5		86.8	30-130					9/7/17 14:15	
2-Fluorobiphenyl		45.1	30-130					9/6/17 22:27	
2-Fluorobiphenyl		53.6	30-130					9/7/17 14:15	
2,4,6-Tribromophenol		80.5	30-130					9/6/17 22:27	
2,4,6-Tribromophenol		89.8	30-130					9/7/17 14:15	
p-Terphenyl-d14		56.0	30-130					9/6/17 22:27	
p-Terphenyl-d14		59.2	30-130					9/7/17 14:15	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1221 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1232 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1242 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1248 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1254 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1260 [1]	9.8	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1262 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1268 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 0:06
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 0:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 0:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 0:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	3800	770	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 19:50	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 19:50

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	10	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Arsenic	23	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Barium	330	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Beryllium	ND	0.37	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Cadmium	2.3	0.37	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Chromium	65	0.74	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Copper	3300	0.74	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Lead	290	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Mercury	27	3.9	mg/Kg dry	100		SW-846 7471B	8/30/17	9/6/17 13:23	TJK
Nickel	580	0.74	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Selenium	31	7.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Silver	ND	0.74	mg/Kg dry	1	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:29	QNW
Thallium	ND	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:29	QNW
Vanadium	740	1.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Zinc	1100	1.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	64.7		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.9	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Acrylonitrile	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Benzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromodichloromethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromoform	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromomethane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2-Butanone (MEK)	ND	2.3	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
n-Butylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
sec-Butylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
tert-Butylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Carbon Disulfide	ND	0.35	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Carbon Tetrachloride	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chlorodibromomethane	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chloroethane	0.31	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chloroform	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chloromethane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2-Chlorotoluene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
4-Chlorotoluene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dibromoethane (EDB)	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Dibromomethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dichlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,3-Dichlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,4-Dichlorobenzene	6.0	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
trans-1,4-Dichloro-2-butene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1-Dichloroethane	0.15	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dichloroethane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1-Dichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
cis-1,2-Dichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
trans-1,2-Dichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dichloropropane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,3-Dichloropropane	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2,2-Dichloropropane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1-Dichloropropene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
cis-1,3-Dichloropropene	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
trans-1,3-Dichloropropene	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Ethylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Hexachlorobutadiene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2-Hexanone (MBK)	ND	1.2	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Isopropylbenzene (Cumene)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Methylene Chloride	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	1.2	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Naphthalene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
n-Propylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Styrene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,1,2-Tetrachloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,2,2-Tetrachloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Tetrachloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Tetrahydrofuran	ND	1.2	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Toluene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,3-Trichlorobenzene	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,4-Trichlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,1-Trichloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,2-Trichloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Trichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Trichlorofluoromethane (Freon 11)	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,3-Trichloropropane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,4-Trimethylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,3,5-Trimethylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Vinyl Chloride	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
m+p Xylene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
o-Xylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	115	70-130		9/5/17 16:37
Toluene-d8	99.8	70-130		9/5/17 16:37
4-Bromofluorobenzene	96.0	70-130		9/5/17 16:37

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Acenaphthylene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Aniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Anthracene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(a)anthracene	2.0	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(a)pyrene	1.6	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(b)fluoranthene	2.2	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(g,h,i)perylene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(k)fluoranthene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-chloroethoxy)methane	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-chloroethyl)ether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-chloroisopropyl)ether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Bromophenylphenylether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Butylbenzylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Carbazole	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Chloroaniline	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Chloro-3-methylphenol	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Chloronaphthalene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Chlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Chlorophenylphenylether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Chrysene	2.5	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Dibenz(a,h)anthracene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Dibenzofuran	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Di-n-butylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
3,3-Dichlorobenzidine	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dichlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Diethylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dimethylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Dimethylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4,6-Dinitro-2-methylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dinitrophenol	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dinitrotoluene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,6-Dinitrotoluene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Di-n-octylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Fluoranthene	5.1	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Fluorene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachlorobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachlorobutadiene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachlorocyclopentadiene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachloroethane	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Indeno(1,2,3-cd)pyrene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Isophorone	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Methylnaphthalene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
3/4-Methylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Naphthalene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Nitroaniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
3-Nitroaniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Nitroaniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Nitrobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Nitrophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Nitrophenol	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
N-Nitrosodiphenylamine	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
N-Nitrosodi-n-propylamine	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pentachloronitrobenzene	ND	2.4	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pentachlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Phenanthrene	2.6	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Phenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pyrene	5.2	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pyridine	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
1,2,4,5-Tetrachlorobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
1,2,4-Trichlorobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4,5-Trichlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4,6-Trichlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	59.8	30-130		9/6/17 22:51
Phenol-d6	60.3	30-130		9/6/17 22:51
Nitrobenzene-d5	69.4	30-130		9/6/17 22:51
2-Fluorobiphenyl	59.4	30-130		9/6/17 22:51
2,4,6-Tribromophenol	76.5	30-130		9/6/17 22:51
p-Terphenyl-d14	79.4	30-130		9/6/17 22:51

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1221 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1232 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1242 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1248 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1254 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1260 [1]	7.5	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1262 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1268 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 0:18
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 0:18
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 0:18
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 0:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	2100	890	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 20:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 20:08

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	9.9	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Arsenic	8.8	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Barium	98	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Beryllium	ND	0.44	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Cadmium	4.6	0.44	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Chromium	33	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Copper	530	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Lead	190	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Mercury	0.52	0.043	mg/Kg dry	1		SW-846 7471B	8/30/17	9/6/17 13:25	TJK
Nickel	47	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Selenium	ND	8.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Silver	ND	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Thallium	ND	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Vanadium	160	1.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Zinc	610	1.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	56.0		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Carbon Disulfide	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.1	70-130		8/30/17 11:12
Toluene-d8	103	70-130		8/30/17 11:12
4-Bromofluorobenzene	100	70-130		8/30/17 11:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	13	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Acenaphthene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Acenaphthylene	4.2	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Acenaphthylene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Aniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Aniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Anthracene	29	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Anthracene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(a)anthracene	77	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(a)anthracene	84	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(a)pyrene	65	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(a)pyrene	68	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(b)fluoranthene	77	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(b)fluoranthene	84	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(g,h,i)perylene	42	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(g,h,i)perylene	45	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(k)fluoranthene	30	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(k)fluoranthene	31	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-chloroethoxy)methane	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-chloroethoxy)methane	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-chloroethyl)ether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-chloroethyl)ether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-chloroisopropyl)ether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-chloroisopropyl)ether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-Ethylhexyl)phthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-Ethylhexyl)phthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Bromophenylphenylether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Bromophenylphenylether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Butylbenzylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Butylbenzylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Carbazole	16	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Carbazole	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Chloroaniline	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Chloroaniline	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Chloro-3-methylphenol	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Chloro-3-methylphenol	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Chloronaphthalene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Chloronaphthalene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Chlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Chlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Chlorophenylphenylether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Chlorophenylphenylether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Chrysene	76	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Chrysene	79	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	10	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Dibenz(a,h)anthracene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Dibenzofuran	6.6	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Dibenzofuran	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Di-n-butylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Di-n-butylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
3,3-Dichlorobenzidine	ND	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
3,3-Dichlorobenzidine	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dichlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dichlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Diethylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Diethylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dimethylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dimethylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Dimethylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Dimethylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4,6-Dinitro-2-methylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4,6-Dinitro-2-methylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dinitrophenol	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dinitrophenol	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dinitrotoluene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dinitrotoluene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,6-Dinitrotoluene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,6-Dinitrotoluene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Di-n-octylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Di-n-octylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Fluoranthene	180	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Fluoranthene	160	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Fluorene	13	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Fluorene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachlorobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachlorobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachlorobutadiene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachlorobutadiene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachlorocyclopentadiene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachlorocyclopentadiene	ND	61	mg/Kg dry	80	V-05	SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachloroethane	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachloroethane	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Indeno(1,2,3-cd)pyrene	42	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Indeno(1,2,3-cd)pyrene	46	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Isophorone	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Isophorone	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Methylnaphthalene	ND	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Methylnaphthalene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Methylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
3/4-Methylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
3/4-Methylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Naphthalene	5.9	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Naphthalene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Nitroaniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Nitroaniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
3-Nitroaniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
3-Nitroaniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Nitroaniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Nitroaniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Nitrobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Nitrobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Nitrophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Nitrophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Nitrophenol	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Nitrophenol	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
N-Nitrosodiphenylamine	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
N-Nitrosodiphenylamine	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
N-Nitrosodi-n-propylamine	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
N-Nitrosodi-n-propylamine	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pentachloronitrobenzene	ND	6.1	mg/Kg dry	8	V-16	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pentachloronitrobenzene	ND	61	mg/Kg dry	80	V-16	SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pentachlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pentachlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Phenanthrene	140	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Phenanthrene	120	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Phenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Phenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pyrene	150	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pyrene	160	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pyridine	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pyridine	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
1,2,4,5-Tetrachlorobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
1,2,4,5-Tetrachlorobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
1,2,4-Trichlorobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
1,2,4-Trichlorobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4,5-Trichlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4,5-Trichlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4,6-Trichlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4,6-Trichlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	37.8	30-130		9/6/17 23:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		48.8	30-130					9/7/17 2:24	
Phenol-d6		37.6	30-130					9/6/17 23:14	
Phenol-d6		44.8	30-130					9/7/17 2:24	
Nitrobenzene-d5		45.4	30-130					9/6/17 23:14	
Nitrobenzene-d5		57.6	30-130					9/7/17 2:24	
2-Fluorobiphenyl		42.2	30-130					9/6/17 23:14	
2-Fluorobiphenyl		48.0	30-130					9/7/17 2:24	
2,4,6-Tribromophenol		50.5	30-130					9/6/17 23:14	
2,4,6-Tribromophenol		56.8	30-130					9/7/17 2:24	
p-Terphenyl-d14		55.8	30-130					9/6/17 23:14	
p-Terphenyl-d14		76.8	30-130					9/7/17 2:24	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1221 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1232 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1242 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1248 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1254 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1260 [1]	2300	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1262 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1268 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 9:08
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 9:08
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 9:08
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 9:08

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	6300	1100	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 20:25	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 20:25

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	21	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Arsenic	37	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Barium	120	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Cadmium	2.3	0.28	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Chromium	51	0.56	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Copper	290	0.56	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Lead	230	0.84	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Mercury	0.12	0.028	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:39	TJK
Nickel	87	0.56	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Silver	ND	2.8	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/7/17 18:49	QNW
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:37	QNW
Vanadium	280	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Zinc	380	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Acrylonitrile	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Carbon Disulfide	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/30/17 12:08
Toluene-d8	104	70-130		8/30/17 12:08
4-Bromofluorobenzene	101	70-130		8/30/17 12:08

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	57	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Acenaphthene	74	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Acenaphthylene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Acenaphthylene	ND	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Aniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Aniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Anthracene	70	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Anthracene	88	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(a)anthracene	220	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(a)anthracene	230	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(a)pyrene	200	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(a)pyrene	240	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(b)fluoranthene	220	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(b)fluoranthene	280	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(g,h,i)perylene	130	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(g,h,i)perylene	130	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(k)fluoranthene	91	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(k)fluoranthene	92	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-chloroethoxy)methane	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-chloroethoxy)methane	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-chloroethyl)ether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-chloroethyl)ether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-chloroisopropyl)ether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-chloroisopropyl)ether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-Ethylhexyl)phthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Bromophenylphenylether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Bromophenylphenylether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Butylbenzylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Butylbenzylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Carbazole	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Carbazole	43	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Chloroaniline	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Chloroaniline	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Chloro-3-methylphenol	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Chloro-3-methylphenol	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Chloronaphthalene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Chloronaphthalene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Chlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Chlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Chlorophenylphenylether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Chlorophenylphenylether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Chrysene	210	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Chrysene	220	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Dibenz(a,h)anthracene	34	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Dibenzofuran	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Dibenzofuran	22	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Di-n-butylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Di-n-butylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
3,3-Dichlorobenzidine	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
3,3-Dichlorobenzidine	ND	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dichlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Diethylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Diethylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dimethylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dimethylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Dimethylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Dimethylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4,6-Dinitro-2-methylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4,6-Dinitro-2-methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dinitrophenol	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dinitrophenol	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dinitrotoluene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dinitrotoluene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,6-Dinitrotoluene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,6-Dinitrotoluene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Di-n-octylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Di-n-octylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Fluoranthene	460	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Fluoranthene	440	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Fluorene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Fluorene	39	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachlorobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachlorobutadiene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachlorobutadiene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachlorocyclopentadiene	ND	80	mg/Kg dry	100	V-05	SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachlorocyclopentadiene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachloroethane	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachloroethane	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Indeno(1,2,3-cd)pyrene	140	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Indeno(1,2,3-cd)pyrene	150	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Isophorone	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Isophorone	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Methylnaphthalene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Methylnaphthalene	12	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
3/4-Methylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
3/4-Methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Naphthalene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Naphthalene	28	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Nitroaniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
3-Nitroaniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
3-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Nitroaniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Nitrobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Nitrobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Nitrophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Nitrophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Nitrophenol	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Nitrophenol	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
N-Nitrosodiphenylamine	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
N-Nitrosodiphenylamine	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
N-Nitrosodi-n-propylamine	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
N-Nitrosodi-n-propylamine	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pentachloronitrobenzene	ND	80	mg/Kg dry	100	V-16	SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pentachloronitrobenzene	ND	4.0	mg/Kg dry	5	V-16	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pentachlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pentachlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Phenanthrene	350	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Phenanthrene	330	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Phenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Phenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pyrene	390	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pyrene	480	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pyridine	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pyridine	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
1,2,4,5-Tetrachlorobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
1,2,4-Trichlorobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
1,2,4-Trichlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4,5-Trichlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4,5-Trichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4,6-Trichlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4,6-Trichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	*	30-130	S-01	9/7/17 13:16

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**		**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		56.3		30-130					9/6/17 23:38	
Phenol-d6			*	30-130		S-01			9/7/17 13:16	
Phenol-d6		58.0		30-130					9/6/17 23:38	
Nitrobenzene-d5			*	30-130		S-01			9/7/17 13:16	
Nitrobenzene-d5		66.9		30-130					9/6/17 23:38	
2-Fluorobiphenyl			*	30-130		S-01			9/7/17 13:16	
2-Fluorobiphenyl		63.4		30-130					9/6/17 23:38	
2,4,6-Tribromophenol			*	30-130		S-01			9/7/17 13:16	
2,4,6-Tribromophenol		72.8		30-130					9/6/17 23:38	
p-Terphenyl-d14			*	30-130		S-01			9/7/17 13:16	
p-Terphenyl-d14		85.1		30-130					9/6/17 23:38	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1221 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1232 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1242 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1248 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1254 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1260 [1]	14	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1262 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1268 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 1:21
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 1:21
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 1:21
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 1:21

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	7400	1200	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 20:43	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 20:43

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	25	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Arsenic	25	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Barium	130	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Cadmium	3.4	0.29	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Chromium	97	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Copper	570	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Lead	1800	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Mercury	0.35	0.029	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:41	TJK
Nickel	210	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Silver	ND	2.9	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/7/17 18:54	QNW
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:54	QNW
Vanadium	2000	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Zinc	1100	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromomethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chlorodibromomethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chloromethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,3-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
cis-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
trans-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Naphthalene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Tetrahydrofuran	ND	0.0091	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Vinyl Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/30/17 11:40
Toluene-d8	105	70-130		8/30/17 11:40
4-Bromofluorobenzene	102	70-130		8/30/17 11:40

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	4.2	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Acenaphthene	4.1	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Acenaphthylene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Acenaphthylene	ND	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Aniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Aniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Anthracene	6.6	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Anthracene	6.7	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(a)anthracene	31	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(a)anthracene	31	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(a)pyrene	31	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(a)pyrene	33	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(b)fluoranthene	37	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(b)fluoranthene	39	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(g,h,i)perylene	20	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(g,h,i)perylene	21	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(k)fluoranthene	15	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(k)fluoranthene	13	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-chloroethoxy)methane	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-chloroethoxy)methane	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-chloroethyl)ether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-chloroethyl)ether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-chloroisopropyl)ether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-chloroisopropyl)ether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-Ethylhexyl)phthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Bromophenylphenylether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Bromophenylphenylether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Butylbenzylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Butylbenzylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Carbazole	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Carbazole	3.8	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Chloroaniline	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Chloroaniline	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Chloro-3-methylphenol	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Chloro-3-methylphenol	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Chloronaphthalene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Chloronaphthalene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Chlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Chlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Chlorophenylphenylether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Chlorophenylphenylether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Chrysene	32	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Chrysene	32	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	5.1	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Dibenz(a,h)anthracene	4.8	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Dibenzofuran	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Dibenzofuran	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Di-n-butylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Di-n-butylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
3,3-Dichlorobenzidine	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
3,3-Dichlorobenzidine	ND	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dichlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dichlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Diethylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Diethylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dimethylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dimethylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Dimethylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Dimethylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4,6-Dinitro-2-methylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4,6-Dinitro-2-methylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dinitrophenol	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dinitrophenol	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dinitrotoluene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dinitrotoluene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,6-Dinitrotoluene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,6-Dinitrotoluene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Di-n-octylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Di-n-octylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Fluoranthene	62	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Fluoranthene	68	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Fluorene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Fluorene	2.6	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachlorobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachlorobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachlorobutadiene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachlorobutadiene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachlorocyclopentadiene	ND	8.2	mg/Kg dry	20	V-05	SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachlorocyclopentadiene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachloroethane	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachloroethane	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Indeno(1,2,3-cd)pyrene	21	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Indeno(1,2,3-cd)pyrene	23	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Isophorone	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Isophorone	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Methylnaphthalene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Methylnaphthalene	ND	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Methylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
3/4-Methylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
3/4-Methylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Naphthalene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Naphthalene	1.3	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Nitroaniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Nitroaniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
3-Nitroaniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
3-Nitroaniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Nitroaniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Nitroaniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Nitrobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Nitrobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Nitrophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Nitrophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Nitrophenol	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Nitrophenol	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
N-Nitrosodiphenylamine	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
N-Nitrosodiphenylamine	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
N-Nitrosodi-n-propylamine	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
N-Nitrosodi-n-propylamine	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pentachloronitrobenzene	ND	8.2	mg/Kg dry	20	V-16	SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pentachloronitrobenzene	ND	1.6	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pentachlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pentachlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Phenanthrene	33	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Phenanthrene	38	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Phenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Phenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pyrene	51	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pyrene	73	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pyridine	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pyridine	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
1,2,4,5-Tetrachlorobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
1,2,4-Trichlorobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
1,2,4-Trichlorobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4,5-Trichlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4,5-Trichlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4,6-Trichlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4,6-Trichlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	51.3	30-130		9/7/17 14:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		50.3	30-130					9/7/17 0:02	
Phenol-d6		52.5	30-130					9/7/17 14:45	
Phenol-d6		51.9	30-130					9/7/17 0:02	
Nitrobenzene-d5		59.8	30-130					9/7/17 14:45	
Nitrobenzene-d5		58.2	30-130					9/7/17 0:02	
2-Fluorobiphenyl		55.0	30-130					9/7/17 14:45	
2-Fluorobiphenyl		52.0	30-130					9/7/17 0:02	
2,4,6-Tribromophenol		64.4	30-130					9/7/17 14:45	
2,4,6-Tribromophenol		66.6	30-130					9/7/17 0:02	
p-Terphenyl-d14		57.8	30-130					9/7/17 14:45	
p-Terphenyl-d14		68.9	30-130					9/7/17 0:02	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1221 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1232 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1242 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1248 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1254 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1260 [1]	5.7	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1262 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1268 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 9:26
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 9:26
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 9:26
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 9:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4000	1200	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 21:01	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 21:01

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	10	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Arsenic	18	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Barium	140	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Beryllium	ND	0.30	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Cadmium	2.9	0.30	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Chromium	47	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Copper	210	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Lead	470	0.89	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Mercury	0.35	0.030	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:42	TJK
Nickel	240	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Silver	ND	1.2	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/7/17 19:12	QNW
Thallium	ND	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:57	QNW
Vanadium	1700	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Zinc	980	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.3		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Acrylonitrile	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromomethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chlorodibromomethane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chloromethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,3-Dichloropropane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
cis-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
trans-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Tetrahydrofuran	ND	0.0098	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Vinyl Chloride	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		8/30/17 12:36
Toluene-d8	104	70-130		8/30/17 12:36
4-Bromofluorobenzene	104	70-130		8/30/17 12:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Acenaphthene	24	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Acenaphthene	21	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Acenaphthylene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Acenaphthylene	2.0	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Acenaphthylene	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Aniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Aniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Aniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Anthracene	36	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Anthracene	41	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Anthracene	37	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(a)anthracene	110	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(a)anthracene	110	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(a)anthracene	110	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(a)pyrene	93	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(a)pyrene	110	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(a)pyrene	98	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(b)fluoranthene	110	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(b)fluoranthene	150	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(b)fluoranthene	120	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(g,h,i)perylene	45	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(g,h,i)perylene	52	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(g,h,i)perylene	46	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(k)fluoranthene	44	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(k)fluoranthene	38	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(k)fluoranthene	45	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-chloroethoxy)methane	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-chloroethoxy)methane	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-chloroethoxy)methane	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-chloroethyl)ether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-chloroethyl)ether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-chloroethyl)ether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-chloroisopropyl)ether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-chloroisopropyl)ether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-chloroisopropyl)ether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-Ethylhexyl)phthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-Ethylhexyl)phthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Bromophenylphenylether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Bromophenylphenylether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Bromophenylphenylether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Butylbenzylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Butylbenzylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Carbazole	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Carbazole	24	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Carbazole	23	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Chloroaniline	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Chloroaniline	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Chloroaniline	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Chloro-3-methylphenol	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Chloro-3-methylphenol	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Chloro-3-methylphenol	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Chloronaphthalene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Chloronaphthalene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Chloronaphthalene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Chlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Chlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Chlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Chlorophenylphenylether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Chlorophenylphenylether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Chlorophenylphenylether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Chrysene	110	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Chrysene	100	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Chrysene	110	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Dibenz(a,h)anthracene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Dibenz(a,h)anthracene	17	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Dibenz(a,h)anthracene	13	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Dibenzofuran	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Dibenzofuran	8.8	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Dibenzofuran	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Di-n-butylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Di-n-butylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Di-n-butylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
3,3-Dichlorobenzidine	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
3,3-Dichlorobenzidine	ND	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
3,3-Dichlorobenzidine	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dichlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dichlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dichlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Diethylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Diethylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Diethylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dimethylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dimethylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dimethylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Dimethylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dimethylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Dimethylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4,6-Dinitro-2-methylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4,6-Dinitro-2-methylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4,6-Dinitro-2-methylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dinitrophenol	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dinitrophenol	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dinitrophenol	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dinitrotoluene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dinitrotoluene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dinitrotoluene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,6-Dinitrotoluene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,6-Dinitrotoluene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,6-Dinitrotoluene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Di-n-octylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Di-n-octylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Fluoranthene	250	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Fluoranthene	170	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Fluoranthene	300	7.2	mg/Kg dry	40	E	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Fluorene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Fluorene	17	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Fluorene	15	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachlorobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachlorobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachlorobutadiene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachlorobutadiene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachlorobutadiene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachlorocyclopentadiene	ND	72	mg/Kg dry	200	V-05	SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachlorocyclopentadiene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachlorocyclopentadiene	ND	14	mg/Kg dry	40	V-05	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachloroethane	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachloroethane	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachloroethane	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Indeno(1,2,3-cd)pyrene	51	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Indeno(1,2,3-cd)pyrene	65	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Indeno(1,2,3-cd)pyrene	54	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Isophorone	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Isophorone	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Isophorone	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Methylnaphthalene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Methylnaphthalene	2.5	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Methylnaphthalene	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Methylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Methylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
3/4-Methylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
3/4-Methylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
3/4-Methylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Naphthalene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Naphthalene	5.0	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Naphthalene	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Nitroaniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Nitroaniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Nitroaniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
3-Nitroaniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
3-Nitroaniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
3-Nitroaniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Nitroaniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Nitroaniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Nitroaniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Nitrobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Nitrobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Nitrobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Nitrophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Nitrophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Nitrophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Nitrophenol	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Nitrophenol	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Nitrophenol	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
N-Nitrosodiphenylamine	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
N-Nitrosodiphenylamine	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
N-Nitrosodiphenylamine	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
N-Nitrosodi-n-propylamine	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
N-Nitrosodi-n-propylamine	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
N-Nitrosodi-n-propylamine	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pentachloronitrobenzene	ND	72	mg/Kg dry	200	V-16	SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pentachloronitrobenzene	ND	1.4	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pentachloronitrobenzene	ND	14	mg/Kg dry	40	V-16	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pentachlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pentachlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pentachlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Phenanthrene	190	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Phenanthrene	130	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Phenanthrene	220	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Phenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Phenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Phenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pyrene	200	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pyrene	190	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pyrene	220	7.2	mg/Kg dry	40	E	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pyridine	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pyridine	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pyridine	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
1,2,4,5-Tetrachlorobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
1,2,4,5-Tetrachlorobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
1,2,4-Trichlorobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
1,2,4-Trichlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
1,2,4-Trichlorobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4,5-Trichlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4,5-Trichlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4,5-Trichlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4,6-Trichlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4,6-Trichlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4,6-Trichlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	*	30-130	S-01	9/7/17 15:44
2-Fluorophenol	56.3	30-130		9/7/17 0:25
2-Fluorophenol	58.6	30-130		9/7/17 15:14
Phenol-d6	*	30-130	S-01	9/7/17 15:44
Phenol-d6	57.2	30-130		9/7/17 0:25
Phenol-d6	56.2	30-130		9/7/17 15:14
Nitrobenzene-d5	*	30-130	S-01	9/7/17 15:44
Nitrobenzene-d5	60.8	30-130		9/7/17 0:25
Nitrobenzene-d5	64.4	30-130		9/7/17 15:14
2-Fluorobiphenyl	*	30-130	S-01	9/7/17 15:44
2-Fluorobiphenyl	58.2	30-130		9/7/17 0:25
2-Fluorobiphenyl	59.2	30-130		9/7/17 15:14
2,4,6-Tribromophenol	*	30-130	S-01	9/7/17 15:44
2,4,6-Tribromophenol	74.5	30-130		9/7/17 0:25
2,4,6-Tribromophenol	67.4	30-130		9/7/17 15:14
p-Terphenyl-d14	*	30-130	S-01	9/7/17 15:44
p-Terphenyl-d14	77.1	30-130		9/7/17 0:25
p-Terphenyl-d14	70.4	30-130		9/7/17 15:14

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1254 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1260 [1]	1.5	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	40.9	30-150		9/10/17 1:46
Decachlorobiphenyl [2]	130	30-150		9/10/17 1:46
Tetrachloro-m-xylene [1]	39.8	30-150		9/10/17 1:46
Tetrachloro-m-xylene [2]	44.8	30-150		9/10/17 1:46

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	31	11	mg/Kg dry	1		CTDEP ETPH	9/5/17	9/8/17 2:18	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	84.9	50-150		9/8/17 2:18

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	20	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Arsenic	19	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Barium	150	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Cadmium	2.4	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Chromium	80	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Copper	450	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Lead	870	0.76	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Mercury	0.11	0.026	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:44	TJK
Nickel	120	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Silver	ND	1.0	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/11/17 16:02	QNW
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 16:05	QNW
Vanadium	470	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Zinc	1500	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.9		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	4.8	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Acrylonitrile	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Benzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromodichloromethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromoform	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromomethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2-Butanone (MEK)	ND	1.9	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
n-Butylbenzene	0.15	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
sec-Butylbenzene	0.13	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
tert-Butylbenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Carbon Disulfide	ND	0.29	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Carbon Tetrachloride	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chlorodibromomethane	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chloroethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chloroform	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chloromethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2-Chlorotoluene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
4-Chlorotoluene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dibromoethane (EDB)	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Dibromomethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,3-Dichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,4-Dichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
trans-1,4-Dichloro-2-butene	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1-Dichloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dichloroethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1-Dichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
cis-1,2-Dichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
trans-1,2-Dichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dichloropropane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,3-Dichloropropane	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2,2-Dichloropropane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1-Dichloropropene	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
cis-1,3-Dichloropropene	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
trans-1,3-Dichloropropene	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Ethylbenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Hexachlorobutadiene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2-Hexanone (MBK)	ND	0.96	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Isopropylbenzene (Cumene)	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
p-Isopropyltoluene (p-Cymene)	0.11	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Methylene Chloride	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.96	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Naphthalene	0.73	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
n-Propylbenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Styrene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,1,2-Tetrachloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,2,2-Tetrachloroethane	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Tetrachloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Tetrahydrofuran	ND	0.96	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Toluene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,3-Trichlorobenzene	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,4-Trichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,1-Trichloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,2-Trichloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Trichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Trichlorofluoromethane (Freon 11)	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,3-Trichloropropane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,4-Trimethylbenzene	0.44	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,3,5-Trimethylbenzene	0.15	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Vinyl Chloride	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
m+p Xylene	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
o-Xylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	119	70-130		9/5/17 17:08
Toluene-d8	104	70-130		9/5/17 17:08
4-Bromofluorobenzene	96.0	70-130		9/5/17 17:08

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Acenaphthylene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Aniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Anthracene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(a)anthracene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(a)pyrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(b)fluoranthene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(g,h,i)perylene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(k)fluoranthene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-chloroethoxy)methane	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-chloroethyl)ether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-chloroisopropyl)ether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Bromophenylphenylether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Butylbenzylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Carbazole	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Chloroaniline	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Chloro-3-methylphenol	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Chloronaphthalene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Chlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Chlorophenylphenylether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Chrysene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Dibenz(a,h)anthracene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Dibenzofuran	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Di-n-butylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
3,3-Dichlorobenzidine	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dichlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Diethylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dimethylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Dimethylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4,6-Dinitro-2-methylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dinitrophenol	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dinitrotoluene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,6-Dinitrotoluene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Di-n-octylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Fluoranthene	5.0	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Fluorene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachlorobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachlorobutadiene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachlorocyclopentadiene	ND	9.8	mg/Kg dry	10	V-05	SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachloroethane	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Isophorone	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Methylnaphthalene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
3/4-Methylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Naphthalene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Nitroaniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
3-Nitroaniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Nitroaniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Nitrobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Nitrophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Nitrophenol	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
N-Nitrosodiphenylamine	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
N-Nitrosodi-n-propylamine	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pentachloronitrobenzene	ND	9.8	mg/Kg dry	10	V-16	SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pentachlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Phenanthrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Phenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pyrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pyridine	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
1,2,4-Trichlorobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4,5-Trichlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4,6-Trichlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	61.7	30-130		9/7/17 20:30
Phenol-d6	65.3	30-130		9/7/17 20:30
Nitrobenzene-d5	75.0	30-130		9/7/17 20:30
2-Fluorobiphenyl	66.0	30-130		9/7/17 20:30
2,4,6-Tribromophenol	87.7	30-130		9/7/17 20:30
p-Terphenyl-d14	70.0	30-130		9/7/17 20:30

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1260 [1]	0.32	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1268 [1]	0.14	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	51.6	30-150		9/10/17 1:59
Decachlorobiphenyl [2]	58.7	30-150		9/10/17 1:59
Tetrachloro-m-xylene [1]	58.3	30-150		9/10/17 1:59
Tetrachloro-m-xylene [2]	63.7	30-150		9/10/17 1:59

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1600	1400	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 21:18	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 21:18

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	3.8	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Arsenic	ND	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Barium	210	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Beryllium	ND	0.34	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Cadmium	2.0	0.34	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Chromium	32	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Copper	220	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Lead	460	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Mercury	0.098	0.036	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:46	TJK
Nickel	31	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Selenium	ND	6.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Silver	ND	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Thallium	ND	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Vanadium	98	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Zinc	950	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	69.5		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-CO-26 Sampled: 8/29/2017 09:10

Sample ID: 17H1544-13

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1260 [2]	1.1	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		9/9/17 0:59
Decachlorobiphenyl [2]	117	30-150		9/9/17 0:59
Tetrachloro-m-xylene [1]	90.2	30-150		9/9/17 0:59
Tetrachloro-m-xylene [2]	97.3	30-150		9/9/17 0:59

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-CO-27 Sampled: 8/29/2017 09:40

Sample ID: 17H1544-14

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1260 [2]	0.93	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		9/9/17 1:17
Decachlorobiphenyl [2]	119	30-150		9/9/17 1:17
Tetrachloro-m-xylene [1]	91.3	30-150		9/9/17 1:17
Tetrachloro-m-xylene [2]	98.4	30-150		9/9/17 1:17

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-CO-29 Sampled: 8/29/2017 10:05

Sample ID: 17H1544-15

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1221 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1232 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1242 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1248 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1254 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1260 [2]	2.9	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1262 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1268 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/9/17 21:40
Decachlorobiphenyl [2]	118	30-150		9/9/17 21:40
Tetrachloro-m-xylene [1]	97.4	30-150		9/9/17 21:40
Tetrachloro-m-xylene [2]	101	30-150		9/9/17 21:40

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-16 Sampled: 8/29/2017 12:05

Sample ID: 17H1544-16

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1221 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1232 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1242 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1248 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1254 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1260 [2]	1800	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1262 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1268 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/9/17 22:15
Decachlorobiphenyl [2]	*	30-150	S-01	9/9/17 22:15
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/9/17 22:15
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/9/17 22:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-17 Sampled: 8/29/2017 12:20

Sample ID: 17H1544-17

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1221 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1232 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1242 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1248 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1254 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1260 [1]	1.9	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1262 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1268 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	132	30-150		9/9/17 22:33
Decachlorobiphenyl [2]	145	30-150		9/9/17 22:33
Tetrachloro-m-xylene [1]	117	30-150		9/9/17 22:33
Tetrachloro-m-xylene [2]	121	30-150		9/9/17 22:33

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-18 Sampled: 8/29/2017 12:35

Sample ID: 17H1544-18

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1221 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1232 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1242 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1248 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1254 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1260 [1]	2.0	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1262 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1268 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.2	30-150		9/9/17 22:51
Decachlorobiphenyl [2]	72.2	30-150		9/9/17 22:51
Tetrachloro-m-xylene [1]	62.8	30-150		9/9/17 22:51
Tetrachloro-m-xylene [2]	64.1	30-150		9/9/17 22:51

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-19 Sampled: 8/29/2017 12:50

Sample ID: 17H1544-19

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1260 [2]	0.79	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/9/17 23:09
Decachlorobiphenyl [2]	130	30-150		9/9/17 23:09
Tetrachloro-m-xylene [1]	93.0	30-150		9/9/17 23:09
Tetrachloro-m-xylene [2]	101	30-150		9/9/17 23:09

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		8/30/17 10:44
Toluene-d8	106	70-130		8/30/17 10:44
4-Bromofluorobenzene	102	70-130		8/30/17 10:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Acenaphthylene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Aniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Anthracene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(a)anthracene	1.4	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(a)pyrene	1.5	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(b)fluoranthene	1.9	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(g,h,i)perylene	0.90	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(k)fluoranthene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-chloroethoxy)methane	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-chloroethyl)ether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-chloroisopropyl)ether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Bromophenylphenylether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Butylbenzylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Carbazole	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Chloroaniline	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Chloro-3-methylphenol	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Chloronaphthalene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Chlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Chlorophenylphenylether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Chrysene	1.6	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Dibenz(a,h)anthracene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Dibenzofuran	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Di-n-butylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
3,3-Dichlorobenzidine	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dichlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Diethylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dimethylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Dimethylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4,6-Dinitro-2-methylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dinitrophenol	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dinitrotoluene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,6-Dinitrotoluene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Di-n-octylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Fluoranthene	2.3	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Fluorene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachlorobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachlorobutadiene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachlorocyclopentadiene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachloroethane	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Indeno(1,2,3-cd)pyrene	0.95	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Isophorone	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Methylnaphthalene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
3/4-Methylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Naphthalene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Nitroaniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
3-Nitroaniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Nitroaniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Nitrobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Nitrophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Nitrophenol	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
N-Nitrosodiphenylamine	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
N-Nitrosodi-n-propylamine	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pentachloronitrobenzene	ND	1.7	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pentachlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Phenanthrene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Phenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pyrene	2.6	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pyridine	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
1,2,4-Trichlorobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4,5-Trichlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4,6-Trichlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.0	30-130		9/7/17 1:13
Phenol-d6	69.6	30-130		9/7/17 1:13
Nitrobenzene-d5	76.4	30-130		9/7/17 1:13
2-Fluorobiphenyl	63.6	30-130		9/7/17 1:13
2,4,6-Tribromophenol	89.5	30-130		9/7/17 1:13
p-Terphenyl-d14	83.2	30-130		9/7/17 1:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1221 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1232 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1242 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1248 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1254 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1260 [1]	1.6	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1262 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1268 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	73.2	30-150		9/10/17 2:12
Decachlorobiphenyl [2]	83.6	30-150		9/10/17 2:12
Tetrachloro-m-xylene [1]	85.0	30-150		9/10/17 2:12
Tetrachloro-m-xylene [2]	90.9	30-150		9/10/17 2:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	560	250	mg/Kg dry	20		CTDEP ETPH	9/5/17	9/7/17 21:36	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 21:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	18	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Arsenic	16	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Barium	70	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Beryllium	ND	0.31	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Cadmium	1.4	0.31	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Chromium	91	0.63	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Copper	410	0.63	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Lead	180	0.94	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Mercury	0.21	0.031	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:47	TJK
Nickel	150	0.63	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Selenium	ND	6.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Silver	ND	1.3	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/11/17 16:09	QNW
Thallium	ND	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 16:14	QNW
Vanadium	470	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Zinc	330	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.2		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185490	30.0	1.00	09/05/17
17H1544-02 [WS-AOC13-SE-27]	B185490	30.0	1.00	09/05/17
17H1544-03 [WS-AOC13-SE-28]	B185490	30.0	1.00	09/05/17
17H1544-04 [WS-AOC13-SE-29]	B185490	30.0	1.00	09/05/17
17H1544-05 [WS-AOC13-SE-30]	B185490	30.0	1.00	09/05/17
17H1544-06 [WS-AOC13-SE-31]	B185490	30.0	1.00	09/05/17
17H1544-07 [WS-AOC3-SE-6]	B185490	30.0	1.00	09/05/17
17H1544-08 [WS-AOC8-SE-16]	B185490	30.0	2.00	09/05/17
17H1544-09 [WS-AOC8-SE-17]	B185490	30.0	2.00	09/05/17
17H1544-10 [AS-AOC8-SE-18]	B185490	30.0	2.00	09/05/17
17H1544-11 [WS-AOC8-SE-19]	B185490	30.0	1.00	09/05/17
17H1544-12 [WS-AOC8-SE-24]	B185490	30.0	2.00	09/05/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185490	30.0	1.00	09/05/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H1544-01 [WS-AOC13-SE-26]	B185325	08/31/17
17H1544-02 [WS-AOC13-SE-27]	B185325	08/31/17
17H1544-03 [WS-AOC13-SE-28]	B185325	08/31/17
17H1544-04 [WS-AOC13-SE-29]	B185325	08/31/17
17H1544-05 [WS-AOC13-SE-30]	B185325	08/31/17
17H1544-06 [WS-AOC13-SE-31]	B185325	08/31/17
17H1544-07 [WS-AOC3-SE-6]	B185325	08/31/17
17H1544-08 [WS-AOC8-SE-16]	B185325	08/31/17
17H1544-09 [WS-AOC8-SE-17]	B185325	08/31/17
17H1544-10 [AS-AOC8-SE-18]	B185325	08/31/17
17H1544-11 [WS-AOC8-SE-19]	B185325	08/31/17
17H1544-12 [WS-AOC8-SE-24]	B185325	08/31/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185325	08/31/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185527	1.04	50.0	09/05/17
17H1544-02 [WS-AOC13-SE-27]	B185527	1.02	50.0	09/05/17
17H1544-03 [WS-AOC13-SE-28]	B185527	1.00	50.0	09/05/17
17H1544-04 [WS-AOC13-SE-29]	B185527	1.05	50.0	09/05/17
17H1544-05 [WS-AOC13-SE-30]	B185527	1.08	50.0	09/05/17
17H1544-06 [WS-AOC13-SE-31]	B185527	1.04	50.0	09/05/17
17H1544-07 [WS-AOC3-SE-6]	B185527	1.02	50.0	09/05/17
17H1544-08 [WS-AOC8-SE-16]	B185527	1.01	50.0	09/05/17
17H1544-09 [WS-AOC8-SE-17]	B185527	1.00	50.0	09/05/17
17H1544-10 [AS-AOC8-SE-18]	B185527	1.01	50.0	09/05/17
17H1544-11 [WS-AOC8-SE-19]	B185527	1.04	50.0	09/05/17
17H1544-12 [WS-AOC8-SE-24]	B185527	1.07	50.0	09/05/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185527	0.996	50.0	09/05/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185230	0.606	50.0	08/30/17
17H1544-02 [WS-AOC13-SE-27]	B185230	0.591	50.0	08/30/17
17H1544-03 [WS-AOC13-SE-28]	B185230	0.620	50.0	08/30/17
17H1544-04 [WS-AOC13-SE-29]	B185230	0.625	50.0	08/30/17
17H1544-05 [WS-AOC13-SE-30]	B185230	0.598	50.0	08/30/17
17H1544-06 [WS-AOC13-SE-31]	B185230	0.593	50.0	08/30/17
17H1544-07 [WS-AOC3-SE-6]	B185230	0.625	50.0	08/30/17
17H1544-08 [WS-AOC8-SE-16]	B185230	0.603	50.0	08/30/17
17H1544-09 [WS-AOC8-SE-17]	B185230	0.604	50.0	08/30/17
17H1544-10 [AS-AOC8-SE-18]	B185230	0.605	50.0	08/30/17
17H1544-11 [WS-AOC8-SE-19]	B185230	0.602	50.0	08/30/17
17H1544-12 [WS-AOC8-SE-24]	B185230	0.599	50.0	08/30/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185230	0.605	50.0	08/30/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-13 [WS-AOC13-CO-26]	B185577	2.01	10.0	09/06/17
17H1544-14 [WS-AOC13-CO-27]	B185577	2.05	10.0	09/06/17
17H1544-15 [WS-AOC13-CO-29]	B185577	2.23	10.0	09/06/17
17H1544-16 [WS-AOC8-CO-16]	B185577	2.07	10.0	09/06/17
17H1544-17 [WS-AOC8-CO-17]	B185577	2.09	10.0	09/06/17
17H1544-18 [WS-AOC8-CO-18]	B185577	2.08	10.0	09/06/17
17H1544-19 [WS-AOC8-CO-19]	B185577	2.07	10.0	09/06/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185576	10.0	10.0	09/06/17
17H1544-02 [WS-AOC13-SE-27]	B185576	10.3	10.0	09/06/17
17H1544-03 [WS-AOC13-SE-28]	B185576	10.1	10.0	09/06/17
17H1544-04 [WS-AOC13-SE-29]	B185576	10.0	10.0	09/06/17
17H1544-05 [WS-AOC13-SE-30]	B185576	10.0	10.0	09/06/17
17H1544-06 [WS-AOC13-SE-31]	B185576	10.2	10.0	09/06/17
17H1544-07 [WS-AOC3-SE-6]	B185576	10.1	10.0	09/06/17
17H1544-08 [WS-AOC8-SE-16]	B185576	10.2	10.0	09/06/17
17H1544-09 [WS-AOC8-SE-17]	B185576	10.2	10.0	09/06/17
17H1544-10 [AS-AOC8-SE-18]	B185576	10.3	10.0	09/06/17
17H1544-11 [WS-AOC8-SE-19]	B185576	10.0	10.0	09/06/17
17H1544-12 [WS-AOC8-SE-24]	B185576	10.2	10.0	09/06/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185576	10.1	10.0	09/06/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17H1544-07 [WS-AOC3-SE-6]	B185016	5.72	7.52	1	50	08/30/17
17H1544-12 [WS-AOC8-SE-24]	B185016	4.88	6.49	1	50	08/30/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185200	6.54	10.0	08/30/17
17H1544-02 [WS-AOC13-SE-27]	B185200	5.46	10.0	08/30/17
17H1544-03 [WS-AOC13-SE-28]	B185200	6.98	10.0	08/30/17
17H1544-04 [WS-AOC13-SE-29]	B185200	7.23	10.0	08/30/17
17H1544-05 [WS-AOC13-SE-30]	B185200	5.99	10.0	08/30/17
17H1544-06 [WS-AOC13-SE-31]	B185200	7.12	10.0	08/30/17
17H1544-08 [WS-AOC8-SE-16]	B185200	5.56	10.0	08/30/17
17H1544-09 [WS-AOC8-SE-17]	B185200	5.73	10.0	08/30/17
17H1544-10 [AS-AOC8-SE-18]	B185200	6.60	10.0	08/30/17
17H1544-11 [WS-AOC8-SE-19]	B185200	5.36	10.0	08/30/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185200	6.80	10.0	08/30/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185495	30.0	1.00	09/05/17
17H1544-02 [WS-AOC13-SE-27]	B185495	30.0	1.00	09/05/17
17H1544-03 [WS-AOC13-SE-28]	B185495	30.0	1.00	09/05/17
17H1544-03RE1 [WS-AOC13-SE-28]	B185495	30.0	1.00	09/05/17
17H1544-04 [WS-AOC13-SE-29]	B185495	30.0	1.00	09/05/17
17H1544-04RE1 [WS-AOC13-SE-29]	B185495	30.0	1.00	09/05/17
17H1544-05 [WS-AOC13-SE-30]	B185495	30.0	1.00	09/05/17
17H1544-05RE1 [WS-AOC13-SE-30]	B185495	30.0	1.00	09/05/17
17H1544-06 [WS-AOC13-SE-31]	B185495	30.0	1.00	09/05/17
17H1544-06RE1 [WS-AOC13-SE-31]	B185495	30.0	1.00	09/05/17
17H1544-07 [WS-AOC3-SE-6]	B185495	30.0	1.00	09/05/17
17H1544-08 [WS-AOC8-SE-16]	B185495	30.0	2.00	09/05/17
17H1544-08RE1 [WS-AOC8-SE-16]	B185495	30.0	2.00	09/05/17
17H1544-09 [WS-AOC8-SE-17]	B185495	30.0	2.00	09/05/17
17H1544-09RE1 [WS-AOC8-SE-17]	B185495	30.0	2.00	09/05/17
17H1544-10 [AS-AOC8-SE-18]	B185495	30.0	1.00	09/05/17
17H1544-10RE1 [AS-AOC8-SE-18]	B185495	30.0	1.00	09/05/17
17H1544-11 [WS-AOC8-SE-19]	B185495	30.0	1.00	09/05/17
17H1544-11RE1 [WS-AOC8-SE-19]	B185495	30.0	1.00	09/05/17
17H1544-11RE2 [WS-AOC8-SE-19]	B185495	30.0	1.00	09/05/17
17H1544-12 [WS-AOC8-SE-24]	B185495	30.0	2.00	09/05/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185495	30.0	1.00	09/05/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185016 - SW-846 5035										
Blank (B185016-BLK1)				Prepared: 08/28/17 Analyzed: 09/05/17						
Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B185016 - SW-846 5035											
Blank (B185016-BLK1)				Prepared: 08/28/17 Analyzed: 09/05/17							
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Tetrahydrofuran	ND	0.50	mg/Kg wet								
Toluene	ND	0.050	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet								
Trichloroethylene	ND	0.050	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet								
Vinyl Chloride	ND	0.10	mg/Kg wet								
m+p Xylene	ND	0.10	mg/Kg wet								
o-Xylene	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0275*		mg/Kg wet	0.0250		110		70-130			
Surrogate: Toluene-d8	*0.0253*		mg/Kg wet	0.0250		101		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0231*		mg/Kg wet	0.0250		92.4		70-130			
LCS (B185016-BS1)				Prepared: 08/28/17 Analyzed: 09/05/17							
Acetone	0.125	0.057	mg/Kg wet	0.113		110		70-130			
Acrylonitrile	0.0123	0.0057	mg/Kg wet	0.0113		109		70-130			
Benzene	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130			
Bromobenzene	0.0128	0.0011	mg/Kg wet	0.0113		113		70-130			
Bromodichloromethane	0.0128	0.0011	mg/Kg wet	0.0113		113		70-130			
Bromoform	0.0117	0.0011	mg/Kg wet	0.0113		104		70-130			
Bromomethane	0.0147	0.0023	mg/Kg wet	0.0113		129		70-130			
2-Butanone (MEK)	0.139	0.023	mg/Kg wet	0.113		123		70-130			
n-Butylbenzene	0.0142	0.0011	mg/Kg wet	0.0113		125		70-130			
sec-Butylbenzene	0.0133	0.0011	mg/Kg wet	0.0113		118		70-130			
tert-Butylbenzene	0.0132	0.0011	mg/Kg wet	0.0113		117		70-130			
Carbon Disulfide	0.140	0.0034	mg/Kg wet	0.113		124		70-130			
Carbon Tetrachloride	0.0131	0.0011	mg/Kg wet	0.0113		116		70-130			
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
Chlorodibromomethane	0.0137	0.00057	mg/Kg wet	0.0113		121		70-130			
Chloroethane	0.0130	0.0023	mg/Kg wet	0.0113		115		70-130			
Chloroform	0.0124	0.0023	mg/Kg wet	0.0113		109		70-130			
Chloromethane	0.0159	0.0023	mg/Kg wet	0.0113		**141**	*	70-130			L-01
2-Chlorotoluene	0.0108	0.0011	mg/Kg wet	0.0113		95.1		70-130			
4-Chlorotoluene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0148	0.0057	mg/Kg wet	0.0113		**131**	*	70-130			L-01
1,2-Dibromoethane (EDB)	0.0127	0.00057	mg/Kg wet	0.0113		112		70-130			
Dibromomethane	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130			
1,2-Dichlorobenzene	0.0131	0.0011	mg/Kg wet	0.0113		115		70-130			
1,3-Dichlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130			
1,4-Dichlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130			
trans-1,4-Dichloro-2-butene	0.0143	0.0023	mg/Kg wet	0.0113		126		70-130			
Dichlorodifluoromethane (Freon 12)	0.0139	0.0023	mg/Kg wet	0.0113		122		70-130			
1,1-Dichloroethane	0.0137	0.0011	mg/Kg wet	0.0113		121		70-130			
1,2-Dichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
1,1-Dichloroethylene	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185016 - SW-846 5035										
LCS (B185016-BS1)				Prepared: 08/28/17 Analyzed: 09/05/17						
cis-1,2-Dichloroethylene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
trans-1,2-Dichloroethylene	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130			
1,2-Dichloropropane	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130			
1,3-Dichloropropane	0.0123	0.00057	mg/Kg wet	0.0113		108	70-130			
2,2-Dichloropropane	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
1,1-Dichloropropene	0.0134	0.0023	mg/Kg wet	0.0113		118	70-130			
cis-1,3-Dichloropropene	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130			
trans-1,3-Dichloropropene	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130			
Ethylbenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Hexachlorobutadiene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130			
2-Hexanone (MBK)	0.141	0.011	mg/Kg wet	0.113		124	70-130			
Isopropylbenzene (Cumene)	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
p-Isopropyltoluene (p-Cymene)	0.0139	0.0011	mg/Kg wet	0.0113		122	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130			
Methylene Chloride	0.0125	0.0057	mg/Kg wet	0.0113		111	70-130			
4-Methyl-2-pentanone (MIBK)	0.131	0.011	mg/Kg wet	0.113		115	70-130			
Naphthalene	0.0133	0.0023	mg/Kg wet	0.0113		117	70-130			
n-Propylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
Styrene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130			
1,1,1,2-Tetrachloroethane	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130			
1,1,2,2-Tetrachloroethane	0.0127	0.00057	mg/Kg wet	0.0113		112	70-130			
Tetrachloroethylene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
Tetrahydrofuran	0.0123	0.011	mg/Kg wet	0.0113		108	70-130			
Toluene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130			
1,2,3-Trichlorobenzene	0.0128	0.0057	mg/Kg wet	0.0113		113	70-130			
1,2,4-Trichlorobenzene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
1,1,1-Trichloroethane	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130			
1,1,2-Trichloroethane	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Trichloroethylene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130			
Trichlorofluoromethane (Freon 11)	0.0126	0.0023	mg/Kg wet	0.0113		112	70-130			
1,2,3-Trichloropropane	0.0130	0.0023	mg/Kg wet	0.0113		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
1,2,4-Trimethylbenzene	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130			
1,3,5-Trimethylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
Vinyl Chloride	0.0104	0.0023	mg/Kg wet	0.0113		92.2	70-130			
m+p Xylene	0.0253	0.0023	mg/Kg wet	0.0227		112	70-130			
o-Xylene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0318*		mg/Kg wet	0.0283		112	70-130			
Surrogate: Toluene-d8	*0.0288*		mg/Kg wet	0.0283		102	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0274*		mg/Kg wet	0.0283		96.8	70-130			
Batch B185200 - SW-846 5035										
Blank (B185200-BLK1)				Prepared & Analyzed: 08/30/17						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185200 - SW-846 5035										
Blank (B185200-BLK1)				Prepared & Analyzed: 08/30/17						
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0040	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185200 - SW-846 5035										
Blank (B185200-BLK1)				Prepared & Analyzed: 08/30/17						
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130			
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0507*		mg/Kg wet	0.0500		101	70-130			
LCS (B185200-BS1)				Prepared & Analyzed: 08/30/17						
Acetone	0.176	0.10	mg/Kg wet	0.200		88.2	70-130			
Acrylonitrile	0.0219	0.0060	mg/Kg wet	0.0200		109	70-130			
Benzene	0.0181	0.0020	mg/Kg wet	0.0200		90.7	70-130			
Bromobenzene	0.0163	0.0020	mg/Kg wet	0.0200		81.4	70-130			
Bromodichloromethane	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130			
Bromoform	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130			
Bromomethane	0.0196	0.010	mg/Kg wet	0.0200		97.9	70-130			
2-Butanone (MEK)	0.215	0.040	mg/Kg wet	0.200		108	70-130			
n-Butylbenzene	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130			
sec-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130			
tert-Butylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
Carbon Disulfide	0.203	0.0060	mg/Kg wet	0.200		102	70-130			
Carbon Tetrachloride	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130			
Chlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		84.8	70-130			
Chlorodibromomethane	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130			
Chloroethane	0.0158	0.020	mg/Kg wet	0.0200		79.1	70-130			
Chloroform	0.0185	0.0040	mg/Kg wet	0.0200		92.6	70-130			
Chloromethane	0.0194	0.010	mg/Kg wet	0.0200		97.2	70-130			
2-Chlorotoluene	0.0172	0.0020	mg/Kg wet	0.0200		86.0	70-130			
4-Chlorotoluene	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2-Dibromoethane (EDB)	0.0207	0.0010	mg/Kg wet	0.0200		103	70-130			
Dibromomethane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
1,2-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,3-Dichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		84.1	70-130			
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130			
trans-1,4-Dichloro-2-butene	0.0179	0.0040	mg/Kg wet	0.0200		89.7	70-130			
Dichlorodifluoromethane (Freon 12)	0.0227	0.020	mg/Kg wet	0.0200		113	70-130			
1,1-Dichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
1,2-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1-Dichloroethylene	0.0198	0.0040	mg/Kg wet	0.0200		98.8	70-130			
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
trans-1,2-Dichloroethylene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
1,2-Dichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,3-Dichloropropane	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130			
2,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,1-Dichloropropene	0.0180	0.0020	mg/Kg wet	0.0200		89.9	70-130			
cis-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.3	70-130			
trans-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.4	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185200 - SW-846 5035										
LCS (B185200-BS1)				Prepared & Analyzed: 08/30/17						
Ethylbenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130			
Hexachlorobutadiene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
2-Hexanone (MBK)	0.213	0.020	mg/Kg wet	0.200		106	70-130			
Isopropylbenzene (Cumene)	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130			
p-Isopropyltoluene (p-Cymene)	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0184	0.0040	mg/Kg wet	0.0200		92.1	70-130			
Methylene Chloride	0.0221	0.020	mg/Kg wet	0.0200		111	70-130			
4-Methyl-2-pentanone (MIBK)	0.218	0.020	mg/Kg wet	0.200		109	70-130			
Naphthalene	0.0154	0.0040	mg/Kg wet	0.0200		76.8	70-130			
n-Propylbenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130			
Styrene	0.0170	0.0020	mg/Kg wet	0.0200		85.0	70-130			
1,1,1,2-Tetrachloroethane	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-130			
1,1,2,2-Tetrachloroethane	0.0160	0.0040	mg/Kg wet	0.0200		79.8	70-130			
Tetrachloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Tetrahydrofuran	0.0178	0.010	mg/Kg wet	0.0200		88.9	70-130			V-16
Toluene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130			
1,2,3-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.7	70-130			
1,2,4-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.6	70-130			
1,1,1-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130			
Trichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130			
Trichlorofluoromethane (Freon 11)	0.0238	0.010	mg/Kg wet	0.0200		119	70-130			
1,2,3-Trichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0217	0.010	mg/Kg wet	0.0200		108	70-130			
1,2,4-Trimethylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130			
1,3,5-Trimethylbenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130			
Vinyl Chloride	0.0175	0.010	mg/Kg wet	0.0200		87.3	70-130			
m+p Xylene	0.0349	0.0040	mg/Kg wet	0.0400		87.2	70-130			
o-Xylene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130			
Surrogate: Toluene-d8	*0.0528*		mg/Kg wet	0.0500		106	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0518*		mg/Kg wet	0.0500		104	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546										
Blank (B185495-BLK1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546										
Blank (B185495-BLK1)				Prepared: 09/05/17 Analyzed: 09/06/17						
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	*4.54*		mg/Kg wet	6.67		68.2	30-130			
Surrogate: Phenol-d6	*4.69*		mg/Kg wet	6.67		70.4	30-130			
Surrogate: Nitrobenzene-d5	*2.33*		mg/Kg wet	3.33		69.8	30-130			
Surrogate: 2-Fluorobiphenyl	*2.42*		mg/Kg wet	3.33		72.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.89*		mg/Kg wet	6.67		88.4	30-130			
Surrogate: p-Terphenyl-d14	*2.93*		mg/Kg wet	3.33		87.8	30-130			
LCS (B185495-BS1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Acenaphthene	0.995	0.17	mg/Kg wet	1.67		59.7	40-140			
Acenaphthylene	0.972	0.17	mg/Kg wet	1.67		58.3	40-140			
Aniline	0.778	0.34	mg/Kg wet	1.67		46.7	40-140			†
Anthracene	1.06	0.17	mg/Kg wet	1.67		63.3	40-140			
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(a)pyrene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140			
Benzo(b)fluoranthene	1.07	0.17	mg/Kg wet	1.67		64.5	40-140			
Benzo(g,h,i)perylene	1.17	0.17	mg/Kg wet	1.67		70.0	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140			
Bis(2-chloroethoxy)methane	1.21	0.34	mg/Kg wet	1.67		72.8	40-140			
Bis(2-chloroethyl)ether	1.05	0.34	mg/Kg wet	1.67		63.2	40-140			
Bis(2-chloroisopropyl)ether	1.17	0.34	mg/Kg wet	1.67		70.2	40-140			
Bis(2-Ethylhexyl)phthalate	1.18	0.34	mg/Kg wet	1.67		70.6	40-140			
4-Bromophenylphenylether	1.26	0.34	mg/Kg wet	1.67		75.7	40-140			
Butylbenzylphthalate	1.23	0.34	mg/Kg wet	1.67		73.5	40-140			
Carbazole	1.05	0.17	mg/Kg wet	1.67		62.7	40-140			
4-Chloroaniline	0.694	0.66	mg/Kg wet	1.67		41.7	40-140			†
4-Chloro-3-methylphenol	1.16	0.66	mg/Kg wet	1.67		69.7	30-130			
2-Chloronaphthalene	1.02	0.34	mg/Kg wet	1.67		61.2	40-140			
2-Chlorophenol	1.08	0.34	mg/Kg wet	1.67		64.8	30-130			
4-Chlorophenylphenylether	1.18	0.34	mg/Kg wet	1.67		70.8	40-140			
Chrysene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Dibenz(a,h)anthracene	1.13	0.17	mg/Kg wet	1.67		68.0	40-140			
Dibenzofuran	1.09	0.34	mg/Kg wet	1.67		65.4	40-140			
Di-n-butylphthalate	1.14	0.34	mg/Kg wet	1.67		68.3	40-140			
3,3-Dichlorobenzidine	1.04	0.17	mg/Kg wet	1.67		62.2	40-140			†
2,4-Dichlorophenol	1.17	0.34	mg/Kg wet	1.67		70.2	30-130			
Diethylphthalate	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
2,4-Dimethylphenol	1.12	0.34	mg/Kg wet	1.67		67.2	30-130			
Dimethylphthalate	1.15	0.34	mg/Kg wet	1.67		69.2	40-140			
4,6-Dinitro-2-methylphenol	0.926	0.34	mg/Kg wet	1.67		55.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B185495 - SW-846 3546											
LCS (B185495-BS1)				Prepared: 09/05/17 Analyzed: 09/06/17							
2,4-Dinitrophenol	0.597	0.66	mg/Kg wet	1.67		35.8	30-130				
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		72.9	40-140				
2,6-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		73.0	40-140				
Di-n-octylphthalate	1.11	0.34	mg/Kg wet	1.67		66.5	40-140				
Fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140				
Fluorene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140				
Hexachlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.5	40-140				
Hexachlorobutadiene	1.18	0.34	mg/Kg wet	1.67		71.1	40-140				
Hexachlorocyclopentadiene	0.940	0.34	mg/Kg wet	1.67		56.4	30-140				
Hexachloroethane	1.02	0.34	mg/Kg wet	1.67		61.0	40-140				
Indeno(1,2,3-cd)pyrene	1.17	0.17	mg/Kg wet	1.67		69.9	40-140				
Isophorone	1.21	0.34	mg/Kg wet	1.67		72.6	40-140				
2-Methylnaphthalene	1.10	0.17	mg/Kg wet	1.67		65.9	40-140				
2-Methylphenol	1.01	0.34	mg/Kg wet	1.67		60.8	30-130				
3/4-Methylphenol	1.10	0.34	mg/Kg wet	1.67		65.7	30-130				
Naphthalene	1.02	0.17	mg/Kg wet	1.67		61.2	40-140				
2-Nitroaniline	1.20	0.34	mg/Kg wet	1.67		71.9	40-140				
3-Nitroaniline	0.969	0.34	mg/Kg wet	1.67		58.2	40-140				†
4-Nitroaniline	1.04	0.34	mg/Kg wet	1.67		62.6	40-140				
Nitrobenzene	1.21	0.34	mg/Kg wet	1.67		72.7	40-140				
2-Nitrophenol	1.08	0.34	mg/Kg wet	1.67		64.6	30-130				
4-Nitrophenol	1.44	0.66	mg/Kg wet	1.67		86.2	10-130				
N-Nitrosodiphenylamine	1.39	0.34	mg/Kg wet	1.67		83.6	40-140				
N-Nitrosodi-n-propylamine	1.13	0.34	mg/Kg wet	1.67		67.9	40-140				
Pentachloronitrobenzene	1.32	0.34	mg/Kg wet	1.67		79.3	40-140			V-16	
Pentachlorophenol	0.930	0.34	mg/Kg wet	1.67		55.8	30-130				
Phenanthrene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140				
Phenol	1.14	0.34	mg/Kg wet	1.67		68.4	20-130				
Pyrene	1.15	0.17	mg/Kg wet	1.67		68.7	40-140				
Pyridine	0.669	0.34	mg/Kg wet	1.67		40.2	10-140				†
1,2,4,5-Tetrachlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.0	40-140				
1,2,4-Trichlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140				
2,4,5-Trichlorophenol	1.12	0.34	mg/Kg wet	1.67		67.4	30-130				
2,4,6-Trichlorophenol	1.15	0.34	mg/Kg wet	1.67		69.0	30-130				
Surrogate: 2-Fluorophenol	*4.68*		mg/Kg wet	6.67		70.2	30-130				
Surrogate: Phenol-d6	*4.81*		mg/Kg wet	6.67		72.2	30-130				
Surrogate: Nitrobenzene-d5	*2.43*		mg/Kg wet	3.33		72.9	30-130				
Surrogate: 2-Fluorobiphenyl	*2.43*		mg/Kg wet	3.33		72.8	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.33*		mg/Kg wet	6.67		94.9	30-130				
Surrogate: p-Terphenyl-d14	*2.81*		mg/Kg wet	3.33		84.4	30-130				
LCS Dup (B185495-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17							
Acenaphthene	0.972	0.17	mg/Kg wet	1.67		58.3	40-140	2.27	30		
Acenaphthylene	0.938	0.17	mg/Kg wet	1.67		56.3	40-140	3.52	30		
Aniline	0.734	0.34	mg/Kg wet	1.67		44.0	40-140	5.91	50		† ‡
Anthracene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	2.92	30		
Benzo(a)anthracene	1.08	0.17	mg/Kg wet	1.67		64.5	40-140	4.96	30		
Benzo(a)pyrene	1.06	0.17	mg/Kg wet	1.67		63.7	40-140	5.65	30		
Benzo(b)fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.2	40-140	5.29	30		
Benzo(g,h,i)perylene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140	6.52	30		
Benzo(k)fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6	40-140	4.77	30		
Bis(2-chloroethoxy)methane	1.17	0.34	mg/Kg wet	1.67		70.1	40-140	3.81	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546										
LCS Dup (B185495-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Bis(2-chloroethyl)ether	1.07	0.34	mg/Kg wet	1.67		64.3	40-140	1.76	30	
Bis(2-chloroisopropyl)ether	1.12	0.34	mg/Kg wet	1.67		67.1	40-140	4.58	30	
Bis(2-Ethylhexyl)phthalate	1.13	0.34	mg/Kg wet	1.67		67.7	40-140	4.25	30	
4-Bromophenylphenylether	1.22	0.34	mg/Kg wet	1.67		73.3	40-140	3.22	30	
Butylbenzylphthalate	1.15	0.34	mg/Kg wet	1.67		69.0	40-140	6.31	30	
Carbazole	0.997	0.17	mg/Kg wet	1.67		59.8	40-140	4.77	30	
4-Chloroaniline	0.693	0.66	mg/Kg wet	1.67		41.6	40-140	0.240	30	†
4-Chloro-3-methylphenol	1.10	0.66	mg/Kg wet	1.67		66.0	30-130	5.51	30	
2-Chloronaphthalene	0.996	0.34	mg/Kg wet	1.67		59.8	40-140	2.35	30	
2-Chlorophenol	1.03	0.34	mg/Kg wet	1.67		61.6	30-130	5.06	30	
4-Chlorophenylphenylether	1.12	0.34	mg/Kg wet	1.67		67.0	40-140	5.52	30	
Chrysene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	5.32	30	
Dibenz(a,h)anthracene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140	4.48	30	
Dibenzofuran	1.06	0.34	mg/Kg wet	1.67		63.6	40-140	2.76	30	
Di-n-butylphthalate	1.09	0.34	mg/Kg wet	1.67		65.2	40-140	4.73	30	
3,3-Dichlorobenzidine	1.03	0.17	mg/Kg wet	1.67		61.7	40-140	0.775	30	† ‡
2,4-Dichlorophenol	1.13	0.34	mg/Kg wet	1.67		67.6	30-130	3.78	30	
Diethylphthalate	1.11	0.34	mg/Kg wet	1.67		66.5	40-140	3.86	30	
2,4-Dimethylphenol	1.07	0.34	mg/Kg wet	1.67		64.2	30-130	4.56	30	
Dimethylphthalate	1.12	0.34	mg/Kg wet	1.67		67.0	40-140	3.26	50	
4,6-Dinitro-2-methylphenol	0.902	0.34	mg/Kg wet	1.67		54.1	30-130	2.70	50	
2,4-Dinitrophenol	0.607	0.66	mg/Kg wet	1.67		36.4	30-130	1.66	50	
2,4-Dinitrotoluene	1.17	0.34	mg/Kg wet	1.67		70.2	40-140	3.77	30	
2,6-Dinitrotoluene	1.18	0.34	mg/Kg wet	1.67		70.7	40-140	3.20	30	
Di-n-octylphthalate	1.06	0.34	mg/Kg wet	1.67		63.6	40-140	4.43	30	
Fluoranthene	1.01	0.17	mg/Kg wet	1.67		60.4	40-140	3.16	30	
Fluorene	0.990	0.17	mg/Kg wet	1.67		59.4	40-140	4.70	30	
Hexachlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.7	40-140	0.986	30	
Hexachlorobutadiene	1.16	0.34	mg/Kg wet	1.67		69.7	40-140	1.99	30	
Hexachlorocyclopentadiene	0.928	0.34	mg/Kg wet	1.67		55.7	30-140	1.29	50	
Hexachloroethane	1.01	0.34	mg/Kg wet	1.67		60.7	40-140	0.460	50	
Indeno(1,2,3-cd)pyrene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140	3.70	50	
Isophorone	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	4.45	30	
2-Methylnaphthalene	1.06	0.17	mg/Kg wet	1.67		63.9	40-140	3.17	30	
2-Methylphenol	0.976	0.34	mg/Kg wet	1.67		58.6	30-130	3.72	30	
3/4-Methylphenol	1.04	0.34	mg/Kg wet	1.67		62.2	30-130	5.57	30	
Naphthalene	0.977	0.17	mg/Kg wet	1.67		58.6	40-140	4.28	30	
2-Nitroaniline	1.18	0.34	mg/Kg wet	1.67		71.0	40-140	1.26	30	
3-Nitroaniline	0.932	0.34	mg/Kg wet	1.67		55.9	40-140	3.89	30	†
4-Nitroaniline	1.04	0.34	mg/Kg wet	1.67		62.2	40-140	0.641	30	
Nitrobenzene	1.15	0.34	mg/Kg wet	1.67		69.0	40-140	5.28	30	
2-Nitrophenol	1.07	0.34	mg/Kg wet	1.67		64.0	30-130	0.809	30	
4-Nitrophenol	1.42	0.66	mg/Kg wet	1.67		85.5	10-130	0.769	50	‡
N-Nitrosodiphenylamine	1.32	0.34	mg/Kg wet	1.67		79.2	40-140	5.43	30	
N-Nitrosodi-n-propylamine	1.10	0.34	mg/Kg wet	1.67		65.9	40-140	3.05	30	
Pentachloronitrobenzene	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	1.55	30	V-16
Pentachlorophenol	0.905	0.34	mg/Kg wet	1.67		54.3	30-130	2.76	50	
Phenanthrene	1.05	0.17	mg/Kg wet	1.67		62.7	40-140	3.26	30	
Phenol	1.08	0.34	mg/Kg wet	1.67		64.6	20-130	5.71	30	
Pyrene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140	5.53	30	
Pyridine	0.631	0.34	mg/Kg wet	1.67		37.8	10-140	5.95	50	†
1,2,4,5-Tetrachlorobenzene	1.07	0.34	mg/Kg wet	1.67		64.5	40-140	3.80	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546											
LCS Dup (B185495-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17							
1,2,4-Trichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.1		40-140	3.37	30	
2,4,5-Trichlorophenol	1.10	0.34	mg/Kg wet	1.67		66.3		30-130	1.68	30	
2,4,6-Trichlorophenol	1.12	0.34	mg/Kg wet	1.67		67.2		30-130	2.55	50	
Surrogate: 2-Fluorophenol	*4.53*		mg/Kg wet	6.67		68.0		30-130			
Surrogate: Phenol-d6	*4.56*		mg/Kg wet	6.67		68.5		30-130			
Surrogate: Nitrobenzene-d5	*2.32*		mg/Kg wet	3.33		69.6		30-130			
Surrogate: 2-Fluorobiphenyl	*2.36*		mg/Kg wet	3.33		70.7		30-130			
Surrogate: 2,4,6-Tribromophenol	*6.14*		mg/Kg wet	6.67		92.0		30-130			
Surrogate: p-Terphenyl-d14	*2.62*		mg/Kg wet	3.33		78.6		30-130			
Matrix Spike (B185495-MS1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17							
Acenaphthene	1.16	0.75	mg/Kg dry	1.83	0.285	47.6		40-140			R-06
Acenaphthylene	0.956	0.75	mg/Kg dry	1.83	ND	52.2		40-140			
Aniline	0.533	1.5	mg/Kg dry	1.83	ND	**29.1**	*	40-140			MS-09
Anthracene	1.80	0.75	mg/Kg dry	1.83	0.945	46.9		40-140			R-06
Benzo(a)anthracene	9.37	0.75	mg/Kg dry	1.83	10.3	**-50.2**	*	40-140			MS-09, R-06
Benzo(a)pyrene	7.57	0.75	mg/Kg dry	1.83	8.83	**-68.8**	*	40-140			MS-08, R-06
Benzo(b)fluoranthene	10.6	0.75	mg/Kg dry	1.83	12.7	**-116**	*	40-140			MS-08, R-06
Benzo(g,h,i)perylene	3.79	0.75	mg/Kg dry	1.83	5.30	**-82.4**	*	40-140			MS-09
Benzo(k)fluoranthene	4.50	0.75	mg/Kg dry	1.83	4.86	**-19.7**	*	40-140			MS-08, R-06
Bis(2-chloroethoxy)methane	1.05	1.5	mg/Kg dry	1.83	ND	57.3		40-140			
Bis(2-chloroethyl)ether	0.992	1.5	mg/Kg dry	1.83	ND	54.2		40-140			
Bis(2-chloroisopropyl)ether	1.07	1.5	mg/Kg dry	1.83	ND	58.6		40-140			
Bis(2-Ethylhexyl)phthalate	1.60	1.5	mg/Kg dry	1.83	ND	87.7		40-140			
4-Bromophenylphenylether	1.06	1.5	mg/Kg dry	1.83	ND	58.1		40-140			
Butylbenzylphthalate	1.23	1.5	mg/Kg dry	1.83	ND	67.4		40-140			
Carbazole	1.89	0.75	mg/Kg dry	1.83	0.767	61.2		40-140			R-06
4-Chloroaniline	0.741	2.9	mg/Kg dry	1.83	ND	40.5		40-140			
4-Chloro-3-methylphenol	1.06	2.9	mg/Kg dry	1.83	ND	58.1		30-130			
2-Chloronaphthalene	0.944	1.5	mg/Kg dry	1.83	ND	51.6		40-140			
2-Chlorophenol	0.972	1.5	mg/Kg dry	1.83	ND	53.1		30-130			
4-Chlorophenylphenylether	1.02	1.5	mg/Kg dry	1.83	ND	55.8		40-140			
Chrysene	10.2	0.75	mg/Kg dry	1.83	10.9	**-41.0**	*	40-140			MS-09, R-06
Dibenz(a,h)anthracene	1.51	0.75	mg/Kg dry	1.83	1.38	**7.28**	*	40-140			MS-09
Dibenzofuran	1.13	1.5	mg/Kg dry	1.83	ND	61.8		40-140			
Di-n-butylphthalate	1.07	1.5	mg/Kg dry	1.83	ND	58.2		40-140			
3,3-Dichlorobenzidine	0.899	0.75	mg/Kg dry	1.83	ND	49.1		40-140			
2,4-Dichlorophenol	0.986	1.5	mg/Kg dry	1.83	ND	53.9		30-130			
Diethylphthalate	1.04	1.5	mg/Kg dry	1.83	ND	56.7		40-140			
2,4-Dimethylphenol	0.869	1.5	mg/Kg dry	1.83	ND	47.5		30-130			
Dimethylphthalate	1.02	1.5	mg/Kg dry	1.83	ND	55.9		40-140			
4,6-Dinitro-2-methylphenol	0.752	1.5	mg/Kg dry	1.83	ND	41.1		30-130			
2,4-Dinitrophenol	0.844	2.9	mg/Kg dry	1.83	ND	46.2		30-130			
2,4-Dinitrotoluene	0.885	1.5	mg/Kg dry	1.83	ND	48.4		40-140			
2,6-Dinitrotoluene	0.932	1.5	mg/Kg dry	1.83	ND	51.0		40-140			
Di-n-octylphthalate	1.07	1.5	mg/Kg dry	1.83	ND	58.4		40-140			
Fluoranthene	21.7	0.75	mg/Kg dry	1.83	24.1	**-132**	*	40-140			MS-09, R-06
Fluorene	1.14	0.75	mg/Kg dry	1.83	ND	62.5		40-140			
Hexachlorobenzene	1.09	1.5	mg/Kg dry	1.83	ND	59.4		40-140			
Hexachlorobutadiene	1.09	1.5	mg/Kg dry	1.83	ND	59.8		40-140			
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	1.83	ND		*	40-140			MS-09
Hexachloroethane	0.719	1.5	mg/Kg dry	1.83	ND	**39.3**	*	40-140			MS-09

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B185495 - SW-846 3546												
Matrix Spike (B185495-MS1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17								
Indeno(1,2,3-cd)pyrene	4.23	0.75	mg/Kg dry	1.83	5.57	**-73.0**	*	40-140				MS-09, R-06
Isophorone	1.07	1.5	mg/Kg dry	1.83	ND	58.7		40-140				
2-Methylnaphthalene	1.06	0.75	mg/Kg dry	1.83	ND	57.8		40-140				
2-Methylphenol	0.880	1.5	mg/Kg dry	1.83	ND	48.1		30-130				
3/4-Methylphenol	0.967	1.5	mg/Kg dry	1.83	ND	52.9		30-130				
Naphthalene	1.01	0.75	mg/Kg dry	1.83	ND	55.3		40-140				
2-Nitroaniline	1.19	1.5	mg/Kg dry	1.83	ND	65.0		40-140				
3-Nitroaniline	1.06	1.5	mg/Kg dry	1.83	ND	57.8		40-140				
4-Nitroaniline	1.10	1.5	mg/Kg dry	1.83	ND	59.9		40-140				
Nitrobenzene	1.09	1.5	mg/Kg dry	1.83	ND	59.5		40-140				
2-Nitrophenol	0.722	1.5	mg/Kg dry	1.83	ND	39.4		30-130				
4-Nitrophenol	1.23	2.9	mg/Kg dry	1.83	ND	67.1		30-130				
N-Nitrosodiphenylamine	1.23	1.5	mg/Kg dry	1.83	ND	67.0		40-140				
N-Nitrosodi-n-propylamine	1.05	1.5	mg/Kg dry	1.83	ND	57.1		40-140				
Pentachloronitrobenzene	0.998	1.5	mg/Kg dry	1.83	ND	54.6		40-140				V-16
Pentachlorophenol	0.574	1.5	mg/Kg dry	1.83	ND	31.4		30-130				
Phenanthrene	8.64	0.75	mg/Kg dry	1.83	6.77	102		40-140				R-06
Phenol	0.985	1.5	mg/Kg dry	1.83	ND	53.8		30-130				
Pyrene	22.2	0.75	mg/Kg dry	1.83	21.8	**23.4**	*	40-140				MS-09, R-06
Pyridine	0.553	1.5	mg/Kg dry	1.83	ND	**30.2**	*	40-140				MS-09
1,2,4,5-Tetrachlorobenzene	0.913	1.5	mg/Kg dry	1.83	ND	49.9		40-140				
1,2,4-Trichlorobenzene	1.03	1.5	mg/Kg dry	1.83	ND	56.2		40-140				
2,4,5-Trichlorophenol	0.957	1.5	mg/Kg dry	1.83	ND	52.3		30-130				
2,4,6-Trichlorophenol	0.997	1.5	mg/Kg dry	1.83	ND	54.5		30-130				
Surrogate: 2-Fluorophenol	*3.86*		mg/Kg dry	7.32		52.8		30-130				
Surrogate: Phenol-d6	*3.98*		mg/Kg dry	7.32		54.4		30-130				
Surrogate: Nitrobenzene-d5	*2.18*		mg/Kg dry	3.66		59.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.00*		mg/Kg dry	3.66		54.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.66*		mg/Kg dry	7.32		63.6		30-130				
Surrogate: p-Terphenyl-d14	*2.64*		mg/Kg dry	3.66		72.1		30-130				
Matrix Spike Dup (B185495-MSD1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17								
Acenaphthene	1.76	0.75	mg/Kg dry	1.83	0.285	80.7		40-140	**41.5**	*	30	R-06
Acenaphthylene	0.981	0.75	mg/Kg dry	1.83	ND	53.6		40-140	2.57		30	
Aniline	0.534	1.5	mg/Kg dry	1.83	ND	**29.2**	*	40-140	0.274		30	MS-09
Anthracene	3.23	0.75	mg/Kg dry	1.83	0.945	125		40-140	**56.6**	*	30	R-06
Benzo(a)anthracene	14.2	0.75	mg/Kg dry	1.83	10.3	**212**	*	40-140	**40.7**	*	30	MS-09, R-06
Benzo(a)pyrene	10.7	0.75	mg/Kg dry	1.83	8.83	104		40-140	**34.6**	*	30	R-06
Benzo(b)fluoranthene	15.0	0.75	mg/Kg dry	1.83	12.7	122		40-140	**34.2**	*	30	R-06
Benzo(g,h,i)perylene	5.02	0.75	mg/Kg dry	1.83	5.30	**-15.4**	*	40-140	27.8		30	MS-09
Benzo(k)fluoranthene	6.29	0.75	mg/Kg dry	1.83	4.86	77.8		40-140	**33.1**	*	30	R-06
Bis(2-chloroethoxy)methane	1.08	1.5	mg/Kg dry	1.83	ND	59.3		40-140	3.43		30	
Bis(2-chloroethyl)ether	1.02	1.5	mg/Kg dry	1.83	ND	55.7		40-140	2.62		30	
Bis(2-chloroisopropyl)ether	1.06	1.5	mg/Kg dry	1.83	ND	58.0		40-140	0.961		30	
Bis(2-Ethylhexyl)phthalate	1.60	1.5	mg/Kg dry	1.83	ND	87.6		40-140	0.0913		30	
4-Bromophenylphenylether	1.01	1.5	mg/Kg dry	1.83	ND	55.0		40-140	5.52		30	
Butylbenzylphthalate	1.26	1.5	mg/Kg dry	1.83	ND	68.8		40-140	2.12		30	
Carbazole	2.85	0.75	mg/Kg dry	1.83	0.767	114		40-140	**40.8**	*	30	R-06
4-Chloroaniline	0.751	2.9	mg/Kg dry	1.83	ND	41.0		40-140	1.37		30	
4-Chloro-3-methylphenol	1.05	2.9	mg/Kg dry	1.83	ND	57.4		30-130	1.25		30	
2-Chloronaphthalene	0.926	1.5	mg/Kg dry	1.83	ND	50.6		40-140	1.88		30	
2-Chlorophenol	0.924	1.5	mg/Kg dry	1.83	ND	50.5		30-130	5.10		30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B185495 - SW-846 3546												
Matrix Spike Dup (B185495-MSD1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17								
4-Chlorophenylphenylether	0.975	1.5	mg/Kg dry	1.83	ND	53.3		40-140	4.69		30	
Chrysene	15.1	0.75	mg/Kg dry	1.83	10.9	**229**	*	40-140	**39.0**	*	30	MS-09, R-06
Dibenz(a,h)anthracene	1.87	0.75	mg/Kg dry	1.83	1.38	**26.6**	*	40-140	21.0		30	MS-09
Dibenzofuran	1.45	1.5	mg/Kg dry	1.83	ND	79.1		40-140	24.6		30	
Di-n-butylphthalate	1.03	1.5	mg/Kg dry	1.83	ND	56.3		40-140	3.35		30	
3,3-Dichlorobenzidine	0.821	0.75	mg/Kg dry	1.83	ND	44.9		40-140	9.02		30	
2,4-Dichlorophenol	1.03	1.5	mg/Kg dry	1.83	ND	56.2		30-130	4.07		30	
Diethylphthalate	1.03	1.5	mg/Kg dry	1.83	ND	56.1		40-140	1.13		30	
2,4-Dimethylphenol	0.844	1.5	mg/Kg dry	1.83	ND	46.2		30-130	2.90		30	
Dimethylphthalate	1.01	1.5	mg/Kg dry	1.83	ND	55.4		40-140	1.01		30	
4,6-Dinitro-2-methylphenol	0.749	1.5	mg/Kg dry	1.83	ND	41.0		30-130			30	
2,4-Dinitrophenol	0.840	2.9	mg/Kg dry	1.83	ND	45.9		30-130			30	
2,4-Dinitrotoluene	0.881	1.5	mg/Kg dry	1.83	ND	48.2		40-140	0.497		30	
2,6-Dinitrotoluene	0.921	1.5	mg/Kg dry	1.83	ND	50.3		40-140	1.26		30	
Di-n-octylphthalate	1.06	1.5	mg/Kg dry	1.83	ND	58.1		40-140	0.549		30	
Fluoranthene	39.0	0.75	mg/Kg dry	1.83	24.1	**810**	*	40-140	**56.8**	*	30	MS-09, R-06
Fluorene	1.53	0.75	mg/Kg dry	1.83	ND	83.7		40-140	29.0		30	
Hexachlorobenzene	1.09	1.5	mg/Kg dry	1.83	ND	59.6		40-140	0.269		30	
Hexachlorobutadiene	1.03	1.5	mg/Kg dry	1.83	ND	56.6		40-140	5.64		30	
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	1.83	ND		*	40-140	NC		30	MS-09
Hexachloroethane	0.686	1.5	mg/Kg dry	1.83	ND	**37.5**	*	40-140	4.58		30	MS-09
Indeno(1,2,3-cd)pyrene	5.80	0.75	mg/Kg dry	1.83	5.57	**12.8**	*	40-140	**31.3**	*	30	MS-09, R-06
Isophorone	1.09	1.5	mg/Kg dry	1.83	ND	59.4		40-140	1.08		30	
2-Methylnaphthalene	1.07	0.75	mg/Kg dry	1.83	ND	58.4		40-140	1.10		30	
2-Methylphenol	0.846	1.5	mg/Kg dry	1.83	ND	46.2		30-130	3.90		30	
3/4-Methylphenol	0.943	1.5	mg/Kg dry	1.83	ND	51.5		30-130	2.61		30	
Naphthalene	1.07	0.75	mg/Kg dry	1.83	ND	58.6		40-140	5.90		30	
2-Nitroaniline	1.16	1.5	mg/Kg dry	1.83	ND	63.3		40-140	2.74		30	
3-Nitroaniline	1.03	1.5	mg/Kg dry	1.83	ND	56.4		40-140	2.52		30	
4-Nitroaniline	1.15	1.5	mg/Kg dry	1.83	ND	62.8		40-140	4.69		30	
Nitrobenzene	1.14	1.5	mg/Kg dry	1.83	ND	62.2		40-140	4.34		30	
2-Nitrophenol	0.667	1.5	mg/Kg dry	1.83	ND	36.5		30-130	7.80		30	
4-Nitrophenol	1.24	2.9	mg/Kg dry	1.83	ND	67.8		30-130	0.949		30	
N-Nitrosodiphenylamine	1.16	1.5	mg/Kg dry	1.83	ND	63.4		40-140	5.64		30	
N-Nitrosodi-n-propylamine	1.03	1.5	mg/Kg dry	1.83	ND	56.2		40-140	1.55		30	
Pentachloronitrobenzene	0.935	1.5	mg/Kg dry	1.83	ND	51.1		40-140	6.51		30	V-16
Pentachlorophenol	0.542	1.5	mg/Kg dry	1.83	ND	**29.6**	*	30-130	5.77		30	MS-08
Phenanthrene	20.0	0.75	mg/Kg dry	1.83	6.77	**721**	*	40-140	**79.2**	*	30	MS-08, R-06
Phenol	0.922	1.5	mg/Kg dry	1.83	ND	50.4		30-130	6.60		30	
Pyrene	37.9	0.75	mg/Kg dry	1.83	21.8	**879**	*	40-140	**52.2**	*	30	MS-09, R-06
Pyridine	0.634	1.5	mg/Kg dry	1.83	ND	**34.6**	*	40-140	13.6		30	MS-09
1,2,4,5-Tetrachlorobenzene	0.925	1.5	mg/Kg dry	1.83	ND	50.6		40-140	1.27		30	
1,2,4-Trichlorobenzene	1.01	1.5	mg/Kg dry	1.83	ND	55.0		40-140	2.30		30	
2,4,5-Trichlorophenol	0.907	1.5	mg/Kg dry	1.83	ND	49.6		30-130	5.34		30	
2,4,6-Trichlorophenol	0.899	1.5	mg/Kg dry	1.83	ND	49.1		30-130	10.3		30	
Surrogate: 2-Fluorophenol	*3.82*		mg/Kg dry	7.32		52.2		30-130				
Surrogate: Phenol-d6	*4.00*		mg/Kg dry	7.32		54.6		30-130				
Surrogate: Nitrobenzene-d5	*2.22*		mg/Kg dry	3.66		60.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.07*		mg/Kg dry	3.66		56.4		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.67*		mg/Kg dry	7.32		63.8		30-130				
Surrogate: p-Terphenyl-d14	*2.67*		mg/Kg dry	3.66		73.1		30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185576 - SW-846 3540C										
Blank (B185576-BLK1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		mg/Kg wet	0.200		105	30-150			
LCS (B185576-BS1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		101	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		95.4	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.1	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		81.3	40-140			
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS Dup (B185576-BSD1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		95.0	40-140	6.46	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		90.1	40-140	5.67	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.8	40-140	9.91	30	
Aroclor-1260 [2C]	0.15	0.020	mg/Kg wet	0.200		73.5	40-140	10.0	30	
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg wet	0.200		96.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		98.2	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B185576 - SW-846 3540C											
Matrix Spike (B185576-MS1)		**Source: 17H1544-01**		Prepared: 09/06/17 Analyzed: 09/10/17							
Aroclor-1016	0.32	0.46	mg/Kg dry	0.228	ND	139		40-140			
Aroclor-1016 [2C]	0.32	0.46	mg/Kg dry	0.228	ND	140		40-140			
Aroclor-1260	1.8	0.46	mg/Kg dry	0.228	1.7	46.8		40-140			MS-19
Aroclor-1260 [2C]	1.8	0.46	mg/Kg dry	0.228	1.7	41.5		40-140			MS-19
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg dry	0.228		80.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.210*		mg/Kg dry	0.228		92.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg dry	0.228		92.2		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.232*		mg/Kg dry	0.228		102		30-150			
Matrix Spike Dup (B185576-MSD1)		**Source: 17H1544-01**		Prepared: 09/06/17 Analyzed: 09/10/17							
Aroclor-1016	0.27	0.45	mg/Kg dry	0.226	ND	118		40-140	17.6	50	
Aroclor-1016 [2C]	0.30	0.45	mg/Kg dry	0.226	ND	132		40-140	6.89	50	
Aroclor-1260	1.4	0.45	mg/Kg dry	0.226	1.7	**-158**	*	40-140	28.9	50	MS-19
Aroclor-1260 [2C]	1.4	0.45	mg/Kg dry	0.226	1.7	**-154**	*	40-140	28.0	50	MS-19
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg dry	0.226		79.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg dry	0.226		98.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg dry	0.226		86.4		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.216*		mg/Kg dry	0.226		96.0		30-150			
Batch B185577 - SW-846 3540C											
Blank (B185577-BLK1)				Prepared: 09/06/17 Analyzed: 09/09/17							
Aroclor-1016	ND	0.10	mg/Kg								
Aroclor-1016 [2C]	ND	0.10	mg/Kg								
Aroclor-1221	ND	0.10	mg/Kg								
Aroclor-1221 [2C]	ND	0.10	mg/Kg								
Aroclor-1232	ND	0.10	mg/Kg								
Aroclor-1232 [2C]	ND	0.10	mg/Kg								
Aroclor-1242	ND	0.10	mg/Kg								
Aroclor-1242 [2C]	ND	0.10	mg/Kg								
Aroclor-1248	ND	0.10	mg/Kg								
Aroclor-1248 [2C]	ND	0.10	mg/Kg								
Aroclor-1254	ND	0.10	mg/Kg								
Aroclor-1254 [2C]	ND	0.10	mg/Kg								
Aroclor-1260	ND	0.10	mg/Kg								
Aroclor-1260 [2C]	ND	0.10	mg/Kg								
Aroclor-1262	ND	0.10	mg/Kg								
Aroclor-1262 [2C]	ND	0.10	mg/Kg								
Aroclor-1268	ND	0.10	mg/Kg								
Aroclor-1268 [2C]	ND	0.10	mg/Kg								
Surrogate: Decachlorobiphenyl	*1.01*		mg/Kg	1.00		101		30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.12*		mg/Kg	1.00		112		30-150			
Surrogate: Tetrachloro-m-xylene	*0.888*		mg/Kg	1.00		88.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.941*		mg/Kg	1.00		94.1		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185577 - SW-846 3540C										
LCS (B185577-BS1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.97	0.10	mg/Kg	1.00		96.5	40-140			
Aroclor-1016 [2C]	1.0	0.10	mg/Kg	1.00		104	40-140			
Aroclor-1260	0.92	0.10	mg/Kg	1.00		92.2	40-140			
Aroclor-1260 [2C]	1.0	0.10	mg/Kg	1.00		99.8	40-140			
Surrogate: Decachlorobiphenyl	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.22*		mg/Kg	1.00		122	30-150			
Surrogate: Tetrachloro-m-xylene	*0.957*		mg/Kg	1.00		95.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.01*		mg/Kg	1.00		101	30-150			
LCS Dup (B185577-BSD1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.92	0.10	mg/Kg	1.00		92.4	40-140	4.34	30	
Aroclor-1016 [2C]	1.0	0.10	mg/Kg	1.00		102	40-140	1.96	30	
Aroclor-1260	0.91	0.10	mg/Kg	1.00		90.7	40-140	1.61	30	
Aroclor-1260 [2C]	0.99	0.10	mg/Kg	1.00		98.8	40-140	1.02	30	
Surrogate: Decachlorobiphenyl	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.20*		mg/Kg	1.00		120	30-150			
Surrogate: Tetrachloro-m-xylene	*0.929*		mg/Kg	1.00		92.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.987*		mg/Kg	1.00		98.7	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185490 - SW-846 3546										
Blank (B185490-BLK1)				Prepared: 09/05/17 Analyzed: 09/07/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.17*		mg/Kg wet	3.33		95.2	50-150			
LCS (B185490-BS1)				Prepared: 09/05/17 Analyzed: 09/07/17						
CT ETPH	23.1	10	mg/Kg wet	33.3		69.3	60-120			
Surrogate: o-Terphenyl	*3.34*		mg/Kg wet	3.33		100	50-150			
LCS Dup (B185490-BSD1)				Prepared: 09/05/17 Analyzed: 09/07/17						
CT ETPH	23.0	10	mg/Kg wet	33.3		69.1	60-120	0.254	30	
Surrogate: o-Terphenyl	*3.11*		mg/Kg wet	3.33		93.2	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185230 - SW-846 7471										
Blank (B185230-BLK1)				Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B185230-BS1)				Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	9.79	2.0	mg/Kg wet	9.36		105	73.7-126.3			
LCS Dup (B185230-BSD1)				Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	11.2	1.9	mg/Kg wet	9.36		119	73.7-126.3	13.2	30	
Duplicate (B185230-DUP1)		**Source: 17H1544-01**		Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	0.123	0.028	mg/Kg dry		0.119			3.15	35	
Matrix Spike (B185230-MS1)		**Source: 17H1544-01**		Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	0.312	0.028	mg/Kg dry	0.186	0.119	104	75-125			
Batch B185527 - SW-846 3050B										
Blank (B185527-BLK1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B185527-BS1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Antimony	64.8	4.8	mg/Kg wet	146		44.4	0-210.3			
Arsenic	144	4.8	mg/Kg wet	157		91.7	77.8-122.1			
Barium	312	4.8	mg/Kg wet	339		92.1	82-117.4			
Beryllium	54.0	0.48	mg/Kg wet	58.3		92.7	82.3-117.7			
Cadmium	193	0.48	mg/Kg wet	216		89.3	81.9-118.2			
Chromium	82.1	0.96	mg/Kg wet	88.9		92.3	78.7-120.6			
Copper	173	0.96	mg/Kg wet	184		94.2	80.4-119.6			
Lead	87.7	1.4	mg/Kg wet	94.3		93.0	82.4-117.8			
Nickel	143	0.96	mg/Kg wet	154		92.8	82.2-117.8			
Selenium	184	9.6	mg/Kg wet	207		89.1	77.1-122.3			
Silver	40.7	0.96	mg/Kg wet	43.8		92.9	74.3-125.4			
Thallium	144	4.8	mg/Kg wet	167		86.3	78.2-121.6			
Vanadium	82.7	1.9	mg/Kg wet	100		82.7	64.8-135.2			
Zinc	201	1.9	mg/Kg wet	209		96.0	79.7-120.8			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185527 - SW-846 3050B										
LCS Dup (B185527-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Antimony	64.4	5.0	mg/Kg wet	146		44.1	0-210.3	0.641	30	
Arsenic	139	5.0	mg/Kg wet	157		88.5	77.8-122.1	3.60	30	
Barium	304	5.0	mg/Kg wet	339		89.5	82-117.4	2.82	30	
Beryllium	53.2	0.50	mg/Kg wet	58.3		91.2	82.3-117.7	1.63	30	
Cadmium	189	0.50	mg/Kg wet	216		87.7	81.9-118.2	1.76	30	
Chromium	79.5	1.0	mg/Kg wet	88.9		89.5	78.7-120.6	3.14	30	
Copper	170	1.0	mg/Kg wet	184		92.6	80.4-119.6	1.71	30	
Lead	87.2	1.5	mg/Kg wet	94.3		92.4	82.4-117.8	0.599	30	
Nickel	139	1.0	mg/Kg wet	154		90.3	82.2-117.8	2.69	30	
Selenium	177	10	mg/Kg wet	207		85.3	77.1-122.3	4.30	30	
Silver	40.0	1.0	mg/Kg wet	43.8		91.4	74.3-125.4	1.69	30	
Thallium	141	5.0	mg/Kg wet	167		84.6	78.2-121.6	1.99	30	
Vanadium	81.7	2.0	mg/Kg wet	100		81.7	64.8-135.2	1.26	30	
Zinc	196	2.0	mg/Kg wet	209		93.8	79.7-120.8	2.31	30	
MRL Check (B185527-MRL1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Lead	0.901	0.75	mg/Kg wet	0.750		120	80-120			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185325 - % Solids										
Duplicate (B185325-DUP3)		**Source: 17H1544-01**		Prepared: 08/31/17 Analyzed: 09/01/17						
% Solids	85.1		% Wt		87.8			3.12	20	
Duplicate (B185325-DUP4)		**Source: 17H1544-02**		Prepared: 08/31/17 Analyzed: 09/01/17						
% Solids	59.0		% Wt		60.2			2.01	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-26

Lab Sample ID: 17H1544-01

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.7	
	2	0.000	-0.030	0.030	1.7	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-27

Lab Sample ID: 17H1544-02

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.0	
	2	0.000	-0.030	0.030	4.9	2.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-28

Lab Sample ID: 17H1544-03

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.26	
	2	0.000	-0.030	0.030	0.26	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-29

Lab Sample ID: 17H1544-04

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.40	
	2	0.000	-0.030	0.030	0.40	0.0
Aroclor-1268	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.13	26.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-30

Lab Sample ID: 17H1544-05

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.46	
	2	0.000	-0.030	0.030	0.43	6.7

con-test® ANALYTICAL LABORATORY

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-31

Lab Sample ID: 17H1544-06

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	9.8	
	2	0.000	-0.030	0.030	9.2	6.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC3-SE-6

Lab Sample ID: 17H1544-07

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	7.5	
	2	0.000	-0.030	0.030	7.1	5.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-16

Lab Sample ID: 17H1544-08

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	2300	
	2	0.000	-0.030	0.030	2100	9.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-17

Lab Sample ID: 17H1544-09

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	14	
	2	0.000	-0.030	0.030	13	7.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

AS-AOC8-SE-18

Lab Sample ID: 17H1544-10

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.7	
	2	0.000	-0.030	0.030	5.5	3.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-19

Lab Sample ID: 17H1544-11

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.5	
	2	0.000	-0.030	0.030	1.4	6.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-24

Lab Sample ID: 17H1544-12

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.32	
	2	0.000	-0.030	0.030	0.32	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-CO-26

Lab Sample ID: 17H1544-13

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.96	
	2	0.000	0.000	0.000	1.1	13.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-CO-27

Lab Sample ID: 17H1544-14

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.85	
	2	0.000	0.000	0.000	0.93	9.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-CO-29

Lab Sample ID: 17H1544-15

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	2.7	
	2	0.000	0.000	0.000	2.9	7.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-16

Lab Sample ID: 17H1544-16

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	1700	
	2	0.000	0.000	0.000	1800	5.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-17

Lab Sample ID: 17H1544-17

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	1.9	
	2	0.000	0.000	0.000	1.7	11.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-18

Lab Sample ID: 17H1544-18

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	2.0	
	2	0.000	0.000	0.000	1.9	5.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-19

Lab Sample ID: 17H1544-19

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.74	
	2	0.000	0.000	0.000	0.79	6.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-Dup1

Lab Sample ID: 17H1544-20 Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.6	
	2	0.000	-0.030	0.030	1.5	6.5

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
E	Reported result is estimated. Value reported over verified calibration range.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
MS-08	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachloronitrobenzene	NY
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17H1544

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs (soil/sed)	TPH	RSR 15 Metals	SVOCs	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
1	WS-AOC13-SE-26	8/29/17	0900		X	S	U	X	X	X	X	X			
2	WS-AOC13-SE-27		0930					X	X	X	X	X			
3	WS-AOC13-SE-28		0945					X	X	X	X	X			
4	WS-AOC13-SE-29		1000					X	X	X	X	X			
5	WS-AOC13-SE-30		1015					X	X	X	X	X			
6	WS-AOC13-SE-31		1030					X	X	X	X	X			
7	WS-AOC3-SE-6		1045					X	X	X	X	X			
8	WS-AOC8-SE-16		1200					X	X	X	X	X			
9	WS-AOC8-SE-17		1215					X	X	X	X	X			
10	WS-AOC8-SE-18		1230					X	X	X	X	X			

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) 8/29/17	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 1505
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 1720
Relinquished by: (signature)	Date/Time: 8/29/17 530
Received by: (signature) 2-4	Date/Time: 8/29/17 1730

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information 8/29/17 1730
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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17H1544

con-test ANALYTICAL LABORATORY

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Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs (soxhlet)	ETPH	RSR 15 metals	SVOCs	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC8-SE-19	8/29/17	1245		X	S	U	X	X	X	X	X			
12	WS-AOC8-SE-24		1300		X	S	U	X	X	X	X	X			
13	WS-AOC13-Co-26		910			O		X							
14	WS-AOC13-Co-27		940					X							
15	WS-AOC13-Co-29		1005					X							
16	WS-AOC8-Co-16		1205					X							
17	WS-AOC8-Co-17		1220					X							
18	WS-AOC8-Co-18		1235					X							
19	WS-AOC8-Co-19		1250					X							
20	WS-AOC13-SE-Dup1		—			S		X	X	X	X	X			

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) Concrete

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) 8/29/17	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 1505
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 420
Relinquished by: (signature)	Date/Time: 8/29/17 5:20
Received by: (signature) 2.4	Date/Time: 8/29/17 1730

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
8/29/17 1730
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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East Longmeadow, MA. 01028
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F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/29/17 Time 1730

How were the samples received? In Cooler T No Cooler ___ On Ice T No Ice ___
Direct from Sampling ___ Ambient ___ Melted Ice ___

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 2.4
By Blank # ___ Actual Temp - ___

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ___
Are there Rushes? N/A Who was notified? ___
Are there Short Holds? N/A Who was notified? ___
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ___ Base ___

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	26
Meoh-	13	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	7
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	26	Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/29/17 1730	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A090817\A0908004.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/8/17
Data File Name	A0908004.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	541174	590138	-8
c - 10	1.64	549205	590138	-7
c - 12	2.37	570790	590138	-3
c - 14	3.04	588545	590138	0
c - 16	3.65	606275	590138	3
c - 18	4.29	603163	590138	2
o-Terphenyl	4.57	671009	590138	
c - 20	4.89	614278	590138	4
c - 22	5.40	628020	590138	6
c - 24	5.83	588777	590138	0
c - 26	6.23	620968	590138	5
c - 28	6.59	612017	590138	4
c - 30	6.92	601286	590138	2
c - 32	7.24	579458	590138	-2
c - 34	7.53	575320	590138	-3
c - 36	7.87	572788	590138	-3

* One compound allowed %D <= 50%

Samples

17H1660-05@10X
17H1544-02@10X

D:\HPCHEM\1\DATA\A090717.SEC\A0907051.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/7/17
Data File Name	A0907051.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	492390	513022	-4
c - 10	1.62	497817	513022	-3
c - 12	2.34	511550	513022	0
c - 14	3.01	521030	513022	2
c - 16	3.61	531350	513022	4
c - 18	4.23	523098	513022	2
o-Terphenyl	4.51	581697	513022	
c - 20	4.83	527200	513022	3
c - 22	5.34	533805	513022	4
c - 24	5.77	500511	513022	-2
c - 26	6.17	522595	513022	2
c - 28	6.52	515407	513022	0
c - 30	6.86	512082	513022	0
c - 32	7.17	498488	513022	-3
c - 34	7.46	502952	513022	-2
c - 36	7.77	505050	513022	-2

* One compound allowed %D <= 50%

Samples

17H1544-01@20X
17H1544-03@50X
17H1544-04@50X
17H1544-05@50X
17H1544-06@50X
17H1544-07@50X
17H1544-08@50X
17H1544-09@50X
17H1544-10@50X
17H1544-12@50X
17H1544-20@20X

D:\HPCHEM\1\DATA\A090717.SEC\A0907107.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/8/17
Data File Name	A0907107.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	633604	668690	-5
c - 10	1.63	642603	668690	-4
c - 12	2.35	661457	668690	-1
c - 14	3.01	675114	668690	1
c - 16	3.61	691044	668690	3
c - 18	4.23	682814	668690	2
o-Terphenyl	4.51	760564	668690	
c - 20	4.83	689419	668690	3
c - 22	5.34	698070	668690	4
c - 24	5.77	652285	668690	-2
c - 26	6.17	681611	668690	2
c - 28	6.52	673200	668690	1
c - 30	6.86	670545	668690	0
c - 32	7.16	656318	668690	-2
c - 34	7.46	660463	668690	-1
c - 36	7.77	661808	668690	-1

* One compound allowed %D <= 50%

Samples

17H1579-01RE1
17H1544-11
17H1621-18@20X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H1544

Laboratory Sample ID(s):

17H1544-01 thru 17H1544-20

Sample Date(s):

08/29/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7470A, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **09/12/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 12, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H1544

Enclosed are results of analyses for samples received by the laboratory on August 29, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1544

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC13-SE-26	17H1544-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-27	17H1544-02	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-28	17H1544-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-29	17H1544-04	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-SE-30	17H1544-05	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

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273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1544

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC13-SE-31	17H1544-06	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC3-SE-6	17H1544-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC8-SE-16	17H1544-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC8-SE-17	17H1544-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
AS-AOC8-SE-18	17H1544-10	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/12/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1544

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC8-SE-19	17H1544-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC8-SE-24	17H1544-12	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC13-CO-26	17H1544-13	Product/Solid		SW-846 8082A	
WS-AOC13-CO-27	17H1544-14	Product/Solid		SW-846 8082A	
WS-AOC13-CO-29	17H1544-15	Product/Solid		SW-846 8082A	
WS-AOC8-CO-16	17H1544-16	Product/Solid		SW-846 8082A	
WS-AOC8-CO-17	17H1544-17	Product/Solid		SW-846 8082A	
WS-AOC8-CO-18	17H1544-18	Product/Solid		SW-846 8082A	
WS-AOC8-CO-19	17H1544-19	Product/Solid		SW-846 8082A	
WS-AOC13-SE-Dup1	17H1544-20	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8082A	
				SW-846 8260C	
				SW-846 8270D	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

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CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17H1544-01[WS-AOC13-SE-26], 17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-12[WS-AOC8-SE-24], 17H1544-20[WS-AOC13-SE-Dup1]

SW-846 6010C-D

Qualifications:

DL-04

Elevated reporting limit due to high concentration of an interfering analyte(s).

Analyte & Samples(s) Qualified:

Silver

17H1544-01[WS-AOC13-SE-26], 17H1544-03[WS-AOC13-SE-28], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-20[WS-AOC13-SE-Dup1]

SW-846 8082A

Qualifications:

MS-19

Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.

Analyte & Samples(s) Qualified:

Aroclor-1260

17H1544-01[WS-AOC13-SE-26], B185576-MS1, B185576-MSD1

Aroclor-1260 [2C]

17H1544-01[WS-AOC13-SE-26], B185576-MS1, B185576-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

Decachlorobiphenyl [2C]

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

Tetrachloro-m-xylene

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

Tetrachloro-m-xylene [2C]

17H1544-02[WS-AOC13-SE-27], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-16[WS-AOC8-CO-16]

SW-846 8260C

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB

B185016-BS1

Chloromethane

B185016-BS1

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V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Tetrahydrofuran
17H1544-01[WS-AOC13-SE-26], 17H1544-02[WS-AOC13-SE-27], 17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-20[WS-AOC13-SE-Dup1], B185200-BLK1, B185200-BS1

SW-846 8270D

Qualifications:

E

Reported result is estimated. Value reported over verified calibration range.

Analyte & Samples(s) Qualified:

Acenaphthene
17H1544-09[WS-AOC8-SE-17], 17H1544-11[WS-AOC8-SE-19]

Anthracene
17H1544-09[WS-AOC8-SE-17], 17H1544-11[WS-AOC8-SE-19]

Benzo(a)anthracene
17H1544-03[WS-AOC13-SE-28], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(a)pyrene
17H1544-03[WS-AOC13-SE-28], 17H1544-06[WS-AOC13-SE-31], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(b)fluoranthene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(g,h,i)perylene
17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Benzo(k)fluoranthene
17H1544-09[WS-AOC8-SE-17], 17H1544-11[WS-AOC8-SE-19]

Carbazole
17H1544-11[WS-AOC8-SE-19]

Chrysene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Dibenz(a,h)anthracene
17H1544-11[WS-AOC8-SE-19]

Fluoranthene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-11RE1[WS-AOC8-SE-19]

Fluorene
17H1544-11[WS-AOC8-SE-19]

Indeno(1,2,3-cd)pyrene
17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Phenanthrene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19]

Pyrene
17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-11RE1[WS-AOC8-SE-19]

MS-08

Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Benzo(a)pyrene
B185495-MS1

Benzo(b)fluoranthene
B185495-MS1

Benzo(k)fluoranthene
B185495-MS1

Pentachlorophenol
B185495-MSD1

Phenanthrene
B185495-MSD1

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MS-09

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aniline
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(a)anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(g,h,i)perylene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Chrysene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Dibenz(a,h)anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Hexachlorocyclopentadiene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Hexachloroethane
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Indeno(1,2,3-cd)pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Pyridine
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

R-06

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

Analyte & Samples(s) Qualified:

Acenaphthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(a)anthracene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(a)pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(b)fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Benzo(k)fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Carbazole
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Chrysene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Fluoranthene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Indeno(1,2,3-cd)pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Phenanthrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

Pyrene
17H1544-05[WS-AOC13-SE-30], B185495-MS1, B185495-MSD1

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

17H1544-03[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-12[WS-AOC8-SE-24], 17H1544-20[WS-AOC13-SE-Dup1]

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S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

2,4,6-Tribromophenol
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

2-Fluorobiphenyl
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

2-Fluorophenol
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

Nitrobenzene-d5
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

Phenol-d6
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

p-Terphenyl-d14
17H1544-09RE1[WS-AOC8-SE-17], 17H1544-11RE2[WS-AOC8-SE-19]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Hexachlorocyclopentadiene
17H1544-03RE1[WS-AOC13-SE-28], 17H1544-04RE1[WS-AOC13-SE-29], 17H1544-05RE1[WS-AOC13-SE-30], 17H1544-06RE1[WS-AOC13-SE-31], 17H1544-08RE1[WS-AOC8-SE-16], 17H1544-09RE1[WS-AOC8-SE-17], 17H1544-10RE1[AS-AOC8-SE-18], 17H1544-11RE1[WS-AOC8-SE-19], 17H1544-11RE2[WS-AOC8-SE-19], 17H1544-12[WS-AOC8-SE-24]

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Pentachloronitrobenzene
17H1544-01[WS-AOC13-SE-26], 17H1544-02[WS-AOC13-SE-27], 17H1544-03[WS-AOC13-SE-28], 17H1544-03RE1[WS-AOC13-SE-28], 17H1544-04[WS-AOC13-SE-29], 17H1544-04RE1[WS-AOC13-SE-29], 17H1544-05[WS-AOC13-SE-30], 17H1544-05RE1[WS-AOC13-SE-30], 17H1544-06[WS-AOC13-SE-31], 17H1544-06RE1[WS-AOC13-SE-31], 17H1544-07[WS-AOC3-SE-6], 17H1544-08[WS-AOC8-SE-16], 17H1544-08RE1[WS-AOC8-SE-16], 17H1544-09[WS-AOC8-SE-17], 17H1544-09RE1[WS-AOC8-SE-17], 17H1544-10[AS-AOC8-SE-18], 17H1544-10RE1[AS-AOC8-SE-18], 17H1544-11[WS-AOC8-SE-19], 17H1544-11RE1[WS-AOC8-SE-19], 17H1544-11RE2[WS-AOC8-SE-19], 17H1544-12[WS-AOC8-SE-24], 17H1544-20[WS-AOC13-SE-Dup1], B185495-BLK1, B185495-BS1, B185495-BSD1, B185495-MS1, B185495-MSD1

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

SW-846 8270D

The LCS sample recoveries for required RCP 8270 compounds were all within control limits specified by the method, 40-140% for base/neutrals and 30-130% for acids except for "difficult analytes" listed below and/or otherwise listed in this narrative: Difficult analytes for soil - limits between 10 and 180% depending on the compound (see QC summary for limits): 3,3'-Dichlorobenzidine, Pyridine, Aniline, 4-Chloroaniline, 3-Nitroaniline, and n-Nitrosodiphenylamine.

All reporting limits specified on the chain-of-custody were met, except for Pyridine, 1,2,4,5-Tetrachlorobenzene and Pentachloronitrobenzene for the most protective criteria since the laboratory cannot achieve the required RCP calibration criteria at these levels unless otherwise listed in this narrative.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Acrylonitrile	ND	0.0052	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Benzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromodichloromethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromoform	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Bromomethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2-Butanone (MEK)	ND	0.035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
n-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
sec-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
tert-Butylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Carbon Disulfide	ND	0.0052	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Carbon Tetrachloride	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chlorodibromomethane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chloroethane	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chloroform	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Chloromethane	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
4-Chlorotoluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dibromoethane (EDB)	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Dibromomethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,3-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,4-Dichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
trans-1,4-Dichloro-2-butene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1-Dichloroethylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
cis-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
trans-1,2-Dichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,3-Dichloropropane	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2,2-Dichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1-Dichloropropene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
cis-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
trans-1,3-Dichloropropene	ND	0.00087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Ethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Hexachlorobutadiene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
2-Hexanone (MBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Isopropylbenzene (Cumene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Methylene Chloride	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Naphthalene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
n-Propylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Styrene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,1,2-Tetrachloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,2,2-Tetrachloroethane	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Tetrachloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Tetrahydrofuran	ND	0.0087	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Toluene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,3-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,4-Trichlorobenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,1-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,2-Trichloroethane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Trichloroethylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,3-Trichloropropane	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,2,4-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
1,3,5-Trimethylbenzene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
Vinyl Chloride	ND	0.0087	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
m+p Xylene	ND	0.0035	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF
o-Xylene	ND	0.0017	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:26	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/30/17 7:26
Toluene-d8	104	70-130		8/30/17 7:26
4-Bromofluorobenzene	99.5	70-130		8/30/17 7:26

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Aniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(a)anthracene	0.36	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(a)pyrene	0.50	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(b)fluoranthene	0.73	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(g,h,i)perylene	0.52	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Benzo(k)fluoranthene	0.27	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-chloroethoxy)methane	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-chloroethyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-chloroisopropyl)ether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Bromophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Butylbenzylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Carbazole	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Chloroaniline	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Chloro-3-methylphenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Chloronaphthalene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Chlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Chlorophenylphenylether	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Chrysene	0.47	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Dibenzofuran	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Di-n-butylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
3,3-Dichlorobenzidine	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Diethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dimethylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Dimethylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4,6-Dinitro-2-methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dinitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,6-Dinitrotoluene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Di-n-octylphthalate	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Fluoranthene	0.60	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachlorobutadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachlorocyclopentadiene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Hexachloroethane	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Indeno(1,2,3-cd)pyrene	0.46	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Isophorone	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
3/4-Methylphenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
3-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Nitroaniline	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Nitrobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2-Nitrophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
4-Nitrophenol	ND	0.75	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
N-Nitrosodiphenylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
N-Nitrosodi-n-propylamine	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pentachloronitrobenzene	ND	0.39	mg/Kg dry	1	V-16	SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pentachlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Phenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pyrene	0.61	0.19	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
Pyridine	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
1,2,4-Trichlorobenzene	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4,5-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL
2,4,6-Trichlorophenol	ND	0.39	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:28	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	60.4	30-130		9/6/17 20:28
Phenol-d6	62.3	30-130		9/6/17 20:28
Nitrobenzene-d5	64.9	30-130		9/6/17 20:28
2-Fluorobiphenyl	64.5	30-130		9/6/17 20:28
2,4,6-Tribromophenol	73.9	30-130		9/6/17 20:28
p-Terphenyl-d14	71.8	30-130		9/6/17 20:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1221 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1232 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1242 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1248 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1254 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1260 [1]	1.7	0.46	mg/Kg dry	20	MS-19	SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1262 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG
Aroclor-1268 [1]	ND	0.46	mg/Kg dry	20		SW-846 8082A	9/6/17	9/9/17 23:03	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		9/9/17 23:03
Decachlorobiphenyl [2]	113	30-150		9/9/17 23:03
Tetrachloro-m-xylene [1]	93.7	30-150		9/9/17 23:03
Tetrachloro-m-xylene [2]	104	30-150		9/9/17 23:03

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	900	230	mg/Kg dry	20		CTDEP ETPH	9/5/17	9/7/17 18:21	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 18:21

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	16	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Arsenic	26	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Barium	66	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Cadmium	1.9	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Chromium	74	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Copper	360	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Lead	190	0.82	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Mercury	0.12	0.028	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:08	TJK
Nickel	110	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:38	QNW
Silver	ND	2.7	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:03	QNW
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:08	QNW
Vanadium	380	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW
Zinc	310	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:15	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-26 Sampled: 8/29/2017 09:00

Sample ID: 17H1544-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.15	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Acrylonitrile	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Benzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromodichloromethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromoform	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Bromomethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2-Butanone (MEK)	ND	0.061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
n-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
sec-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
tert-Butylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Carbon Disulfide	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Carbon Tetrachloride	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chlorodibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chloroethane	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chloroform	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Chloromethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2-Chlorotoluene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
4-Chlorotoluene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dibromoethane (EDB)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Dibromomethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,3-Dichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,4-Dichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1-Dichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1-Dichloroethylene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
cis-1,2-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
trans-1,2-Dichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2-Dichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,3-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2,2-Dichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1-Dichloropropene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
cis-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
trans-1,3-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Ethylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Hexachlorobutadiene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
2-Hexanone (MBK)	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Isopropylbenzene (Cumene)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Methylene Chloride	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Naphthalene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
n-Propylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Styrene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Tetrachloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Tetrahydrofuran	ND	0.015	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Toluene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,3-Trichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,4-Trichlorobenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,1-Trichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,2-Trichloroethane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Trichloroethylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,3-Trichloropropane	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,2,4-Trimethylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
1,3,5-Trimethylbenzene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
Vinyl Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
m+p Xylene	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF
o-Xylene	ND	0.0030	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 7:55	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	113	70-130		8/30/17 7:55
Toluene-d8	103	70-130		8/30/17 7:55
4-Bromofluorobenzene	101	70-130		8/30/17 7:55

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Acenaphthylene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Aniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Anthracene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(a)anthracene	2.0	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(a)pyrene	2.3	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(b)fluoranthene	3.2	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(g,h,i)perylene	1.7	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Benzo(k)fluoranthene	1.2	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-chloroethoxy)methane	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-chloroethyl)ether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-chloroisopropyl)ether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Bromophenylphenylether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Butylbenzylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Carbazole	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Chloroaniline	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Chloro-3-methylphenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Chloronaphthalene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Chlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Chlorophenylphenylether	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Chrysene	2.3	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Dibenz(a,h)anthracene	0.44	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Dibenzofuran	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Di-n-butylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
3,3-Dichlorobenzidine	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dichlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Diethylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dimethylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Dimethylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4,6-Dinitro-2-methylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dinitrophenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4-Dinitrotoluene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,6-Dinitrotoluene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Di-n-octylphthalate	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Fluoranthene	3.6	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Fluorene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachlorobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachlorobutadiene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachlorocyclopentadiene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Hexachloroethane	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Indeno(1,2,3-cd)pyrene	1.8	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Isophorone	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Methylnaphthalene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
3/4-Methylphenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Naphthalene	ND	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Nitroaniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
3-Nitroaniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Nitroaniline	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Nitrobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2-Nitrophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
4-Nitrophenol	ND	1.1	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
N-Nitrosodiphenylamine	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
N-Nitrosodi-n-propylamine	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pentachloronitrobenzene	ND	0.56	mg/Kg dry	1	V-16	SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pentachlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Phenanthrene	0.93	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Phenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pyrene	3.5	0.28	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
Pyridine	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
1,2,4-Trichlorobenzene	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4,5-Trichlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL
2,4,6-Trichlorophenol	ND	0.56	mg/Kg dry	1		SW-846 8270D	9/5/17	9/6/17 20:52	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	50.2	30-130		9/6/17 20:52
Phenol-d6	52.6	30-130		9/6/17 20:52
Nitrobenzene-d5	58.0	30-130		9/6/17 20:52
2-Fluorobiphenyl	57.9	30-130		9/6/17 20:52
2,4,6-Tribromophenol	65.0	30-130		9/6/17 20:52
p-Terphenyl-d14	66.7	30-130		9/6/17 20:52

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1221 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1232 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1242 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1248 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1254 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1260 [1]	5.0	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1262 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG
Aroclor-1268 [1]	ND	1.3	mg/Kg dry	40		SW-846 8082A	9/6/17	9/9/17 23:15	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/9/17 23:15
Decachlorobiphenyl [2]	*	30-150	S-01	9/9/17 23:15
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/9/17 23:15
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/9/17 23:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	210	170	mg/Kg dry	10		CTDEP ETPH	9/5/17	9/8/17 16:29	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	64.1	50-150		9/8/17 16:29

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	6.2	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Arsenic	15	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Barium	180	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Beryllium	ND	0.41	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Cadmium	3.7	0.41	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Chromium	47	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Copper	650	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Lead	310	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Mercury	0.83	0.084	mg/Kg dry	2		SW-846 7471B	8/30/17	9/6/17 13:14	TJK
Nickel	160	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Selenium	37	8.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:42	QNW
Silver	ND	0.81	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Thallium	ND	4.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Vanadium	450	1.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW
Zinc	1000	1.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:21	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-27 Sampled: 8/29/2017 09:30

Sample ID: 17H1544-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	60.2		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Acrylonitrile	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Benzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromodichloromethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromoform	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Bromomethane	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
n-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
sec-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
tert-Butylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Carbon Disulfide	ND	0.0047	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Carbon Tetrachloride	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chlorodibromomethane	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chloroethane	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Chloromethane	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
4-Chlorotoluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dibromoethane (EDB)	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Dibromomethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,3-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,4-Dichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
cis-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
trans-1,2-Dichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,3-Dichloropropane	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2,2-Dichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1-Dichloropropene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
cis-1,3-Dichloropropene	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
trans-1,3-Dichloropropene	ND	0.00079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Ethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Hexachlorobutadiene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
2-Hexanone (MBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Isopropylbenzene (Cumene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Methylene Chloride	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
n-Propylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Styrene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Tetrachloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Tetrahydrofuran	ND	0.0079	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Toluene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,3-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,4-Trichlorobenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,1-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,2-Trichloroethane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Trichloroethylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,3-Trichloropropane	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,2,4-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
1,3,5-Trimethylbenzene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
Vinyl Chloride	ND	0.0079	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF
o-Xylene	ND	0.0016	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 8:23	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	106	70-130		8/30/17 8:23
Toluene-d8	104	70-130		8/30/17 8:23
4-Bromofluorobenzene	98.3	70-130		8/30/17 8:23

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	2.1	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Acenaphthene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Acenaphthylene	ND	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Acenaphthylene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Aniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Aniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Anthracene	4.8	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Anthracene	5.5	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(a)anthracene	21	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(a)anthracene	23	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(a)pyrene	15	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(a)pyrene	16	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(b)fluoranthene	22	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(b)fluoranthene	24	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(g,h,i)perylene	7.5	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(g,h,i)perylene	7.9	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Benzo(k)fluoranthene	8.4	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Benzo(k)fluoranthene	9.9	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-chloroethoxy)methane	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-chloroethoxy)methane	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-chloroethyl)ether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-chloroethyl)ether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-chloroisopropyl)ether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-chloroisopropyl)ether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Bis(2-Ethylhexyl)phthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Bromophenylphenylether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Bromophenylphenylether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Butylbenzylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Butylbenzylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Carbazole	5.6	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Carbazole	6.2	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Chloroaniline	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Chloroaniline	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Chloro-3-methylphenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Chloro-3-methylphenol	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Chloronaphthalene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Chloronaphthalene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Chlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Chlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Chlorophenylphenylether	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Chlorophenylphenylether	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Chrysene	22	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Chrysene	25	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	2.0	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Dibenz(a,h)anthracene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Dibenzofuran	1.6	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Dibenzofuran	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Di-n-butylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Di-n-butylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
3,3-Dichlorobenzidine	ND	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
3,3-Dichlorobenzidine	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dichlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dichlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Diethylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Diethylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dimethylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dimethylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Dimethylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Dimethylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4,6-Dinitro-2-methylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4,6-Dinitro-2-methylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dinitrophenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dinitrophenol	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4-Dinitrotoluene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4-Dinitrotoluene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,6-Dinitrotoluene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,6-Dinitrotoluene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Di-n-octylphthalate	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Di-n-octylphthalate	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Fluoranthene	67	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Fluoranthene	71	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Fluorene	1.5	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Fluorene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachlorobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachlorobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachlorobutadiene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachlorobutadiene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachlorocyclopentadiene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachlorocyclopentadiene	ND	7.5	mg/Kg dry	20	V-05	SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Hexachloroethane	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Hexachloroethane	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Indeno(1,2,3-cd)pyrene	8.7	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Indeno(1,2,3-cd)pyrene	8.9	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Isophorone	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Isophorone	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Methylnaphthalene	0.41	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Methylnaphthalene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Methylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
3/4-Methylphenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
3/4-Methylphenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Naphthalene	1.2	0.37	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Naphthalene	ND	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Nitroaniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Nitroaniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
3-Nitroaniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
3-Nitroaniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Nitroaniline	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Nitroaniline	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Nitrobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Nitrobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2-Nitrophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2-Nitrophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
4-Nitrophenol	ND	1.4	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
4-Nitrophenol	ND	14	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
N-Nitrosodiphenylamine	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
N-Nitrosodiphenylamine	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
N-Nitrosodi-n-propylamine	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
N-Nitrosodi-n-propylamine	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pentachloronitrobenzene	ND	0.75	mg/Kg dry	2	V-16	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pentachloronitrobenzene	ND	7.5	mg/Kg dry	20	V-16	SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pentachlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pentachlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Phenanthrene	45	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Phenanthrene	46	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Phenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Phenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pyrene	61	0.37	mg/Kg dry	2	E	SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pyrene	56	3.7	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
Pyridine	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
Pyridine	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
1,2,4-Trichlorobenzene	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
1,2,4-Trichlorobenzene	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4,5-Trichlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4,5-Trichlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL
2,4,6-Trichlorophenol	ND	0.75	mg/Kg dry	2		SW-846 8270D	9/5/17	9/6/17 21:16	BGL
2,4,6-Trichlorophenol	ND	7.5	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 13:45	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	57.5	30-130		9/6/17 21:16

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		68.1	30-130					9/7/17 13:45	
Phenol-d6		57.6	30-130					9/6/17 21:16	
Phenol-d6		66.6	30-130					9/7/17 13:45	
Nitrobenzene-d5		64.2	30-130					9/6/17 21:16	
Nitrobenzene-d5		76.0	30-130					9/7/17 13:45	
2-Fluorobiphenyl		59.5	30-130					9/6/17 21:16	
2-Fluorobiphenyl		66.6	30-130					9/7/17 13:45	
2,4,6-Tribromophenol		69.0	30-130					9/6/17 21:16	
2,4,6-Tribromophenol		74.3	30-130					9/7/17 13:45	
p-Terphenyl-d14		69.3	30-130					9/6/17 21:16	
p-Terphenyl-d14		72.6	30-130					9/7/17 13:45	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1221 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1232 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1242 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1248 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1254 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1260 [2]	0.26	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1262 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG
Aroclor-1268 [1]	ND	0.087	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:28	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	91.8	30-150		9/9/17 23:28
Decachlorobiphenyl [2]	98.3	30-150		9/9/17 23:28
Tetrachloro-m-xylene [1]	91.9	30-150		9/9/17 23:28
Tetrachloro-m-xylene [2]	95.9	30-150		9/9/17 23:28

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	720	550	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 18:57	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 18:57

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	19	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Arsenic	10	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Barium	61	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Beryllium	ND	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Cadmium	0.78	0.27	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Chromium	48	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Copper	200	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Lead	240	0.82	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Mercury	0.10	0.027	mg/Kg dry	1		SW-846 7471B	8/30/17	9/6/17 13:09	TJK
Nickel	69	0.55	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Selenium	ND	5.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:49	QNW
Silver	ND	2.7	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:12	QNW
Thallium	ND	2.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:17	QNW
Vanadium	68	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW
Zinc	240	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:27	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-28 Sampled: 8/29/2017 09:45

Sample ID: 17H1544-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Acrylonitrile	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Benzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromodichloromethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromoform	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Bromomethane	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2-Butanone (MEK)	ND	0.031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
n-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
sec-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
tert-Butylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Carbon Disulfide	ND	0.0046	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Carbon Tetrachloride	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chlorodibromomethane	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chloroethane	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chloroform	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Chloromethane	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
4-Chlorotoluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dibromoethane (EDB)	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Dibromomethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,3-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,4-Dichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
trans-1,4-Dichloro-2-butene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1-Dichloroethylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
cis-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
trans-1,2-Dichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,3-Dichloropropane	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2,2-Dichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1-Dichloropropene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
cis-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
trans-1,3-Dichloropropene	ND	0.00076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Ethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Hexachlorobutadiene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
2-Hexanone (MBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Isopropylbenzene (Cumene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Methylene Chloride	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Naphthalene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
n-Propylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Styrene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,1,2-Tetrachloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Tetrachloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Tetrahydrofuran	ND	0.0076	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Toluene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,3-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,4-Trichlorobenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,1-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,2-Trichloroethane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Trichloroethylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,3-Trichloropropane	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,2,4-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
1,3,5-Trimethylbenzene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
Vinyl Chloride	ND	0.0076	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
m+p Xylene	ND	0.0031	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF
o-Xylene	ND	0.0015	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.8	70-130		8/30/17 9:19
Toluene-d8	105	70-130		8/30/17 9:19
4-Bromofluorobenzene	104	70-130		8/30/17 9:19

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Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Acenaphthene	1.6	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Acenaphthylene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Acenaphthylene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Aniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Aniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Anthracene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Anthracene	3.8	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(a)anthracene	16	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(a)anthracene	17	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(a)pyrene	13	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(a)pyrene	13	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(b)fluoranthene	18	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(b)fluoranthene	19	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(g,h,i)perylene	6.2	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(g,h,i)perylene	7.7	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Benzo(k)fluoranthene	7.3	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Benzo(k)fluoranthene	6.8	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-chloroethoxy)methane	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-chloroethyl)ether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-chloroisopropyl)ether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Bromophenylphenylether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Butylbenzylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Carbazole	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Carbazole	3.5	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Chloroaniline	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Chloroaniline	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Chloro-3-methylphenol	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Chloro-3-methylphenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Chloronaphthalene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Chloronaphthalene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Chlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Chlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Chlorophenylphenylether	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Chlorophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Chrysene	18	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Chrysene	18	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL

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Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Dibenz(a,h)anthracene	1.8	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Dibenzofuran	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Dibenzofuran	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Di-n-butylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Di-n-butylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
3,3-Dichlorobenzidine	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
3,3-Dichlorobenzidine	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dichlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Diethylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Diethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dimethylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Dimethylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4,6-Dinitro-2-methylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4,6-Dinitro-2-methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dinitrophenol	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dinitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4-Dinitrotoluene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,6-Dinitrotoluene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Di-n-octylphthalate	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Fluoranthene	46	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Fluoranthene	52	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Fluorene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Fluorene	1.2	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachlorobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachlorobutadiene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachlorobutadiene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachlorocyclopentadiene	ND	9.4	mg/Kg dry	25	V-05	SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Hexachloroethane	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Hexachloroethane	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Indeno(1,2,3-cd)pyrene	6.6	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Indeno(1,2,3-cd)pyrene	8.4	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Isophorone	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Isophorone	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Methylnaphthalene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Methylnaphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
3/4-Methylphenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
3/4-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Naphthalene	ND	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Naphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Nitroaniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
3-Nitroaniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
3-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Nitroaniline	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Nitrobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Nitrobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2-Nitrophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2-Nitrophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
4-Nitrophenol	ND	18	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
4-Nitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
N-Nitrosodiphenylamine	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
N-Nitrosodiphenylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
N-Nitrosodi-n-propylamine	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
N-Nitrosodi-n-propylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pentachloronitrobenzene	ND	9.4	mg/Kg dry	25	V-16	SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pentachloronitrobenzene	ND	1.5	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pentachlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pentachlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Phenanthrene	27	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Phenanthrene	30	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Phenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Phenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pyrene	36	4.7	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pyrene	46	0.75	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 21:40	BGL
Pyridine	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
Pyridine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
1,2,4-Trichlorobenzene	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4,5-Trichlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL
2,4,6-Trichlorophenol	ND	9.4	mg/Kg dry	25		SW-846 8270D	9/5/17	9/7/17 19:06	BGL
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 21:40	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	65.6	30-130		9/7/17 19:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		67.3	30-130					9/6/17 21:40	
Phenol-d6		68.4	30-130					9/7/17 19:06	
Phenol-d6		69.3	30-130					9/6/17 21:40	
Nitrobenzene-d5		76.5	30-130					9/7/17 19:06	
Nitrobenzene-d5		79.8	30-130					9/6/17 21:40	
2-Fluorobiphenyl		67.3	30-130					9/7/17 19:06	
2-Fluorobiphenyl		70.8	30-130					9/6/17 21:40	
2,4,6-Tribromophenol		86.7	30-130					9/7/17 19:06	
2,4,6-Tribromophenol		89.6	30-130					9/6/17 21:40	
p-Terphenyl-d14		74.3	30-130					9/7/17 19:06	
p-Terphenyl-d14		88.2	30-130					9/6/17 21:40	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1221 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1232 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1242 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1248 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1254 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1260 [1]	0.40	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1262 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG
Aroclor-1268 [1]	0.17	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:41	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.1	30-150		9/9/17 23:41
Decachlorobiphenyl [2]	96.4	30-150		9/9/17 23:41
Tetrachloro-m-xylene [1]	75.6	30-150		9/9/17 23:41
Tetrachloro-m-xylene [2]	79.2	30-150		9/9/17 23:41

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	780	550	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 19:14	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 19:14

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	5.6	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Arsenic	5.0	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Barium	130	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Cadmium	1.2	0.26	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Chromium	26	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Copper	140	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Lead	280	0.79	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Mercury	0.26	0.027	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:28	TJK
Nickel	92	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Selenium	ND	5.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 16:59	QNW
Silver	ND	0.53	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Vanadium	170	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW
Zinc	630	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:33	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-29 Sampled: 8/29/2017 10:00

Sample ID: 17H1544-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.5		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 9:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	98.9	70-130		8/30/17 9:48
Toluene-d8	105	70-130		8/30/17 9:48
4-Bromofluorobenzene	98.8	70-130		8/30/17 9:48

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Acenaphthene	ND	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Acenaphthylene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Acenaphthylene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Aniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Aniline	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Anthracene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Anthracene	0.95	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(a)anthracene	9.7	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(a)anthracene	10	0.75	mg/Kg dry	4	MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(a)pyrene	8.0	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(a)pyrene	8.8	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(b)fluoranthene	12	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(b)fluoranthene	13	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(g,h,i)perylene	4.3	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(g,h,i)perylene	5.3	0.75	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Benzo(k)fluoranthene	3.8	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Benzo(k)fluoranthene	4.9	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-chloroethoxy)methane	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-chloroethoxy)methane	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-chloroethyl)ether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-chloroethyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-chloroisopropyl)ether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-chloroisopropyl)ether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Bis(2-Ethylhexyl)phthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Bromophenylphenylether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Bromophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Butylbenzylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Butylbenzylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Carbazole	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Carbazole	0.77	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Chloroaniline	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Chloroaniline	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Chloro-3-methylphenol	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Chloro-3-methylphenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Chloronaphthalene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Chloronaphthalene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Chlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Chlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Chlorophenylphenylether	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Chlorophenylphenylether	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Chrysene	10	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Chrysene	11	0.75	mg/Kg dry	4	MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Dibenz(a,h)anthracene	1.4	0.75	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Dibenzofuran	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Dibenzofuran	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Di-n-butylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Di-n-butylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
3,3-Dichlorobenzidine	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
3,3-Dichlorobenzidine	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dichlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Diethylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Diethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dimethylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dimethylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Dimethylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Dimethylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4,6-Dinitro-2-methylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4,6-Dinitro-2-methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dinitrophenol	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dinitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4-Dinitrotoluene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,6-Dinitrotoluene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,6-Dinitrotoluene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Di-n-octylphthalate	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Di-n-octylphthalate	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Fluoranthene	21	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Fluoranthene	24	0.75	mg/Kg dry	4	E, MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Fluorene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Fluorene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachlorobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachlorobutadiene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachlorobutadiene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachlorocyclopentadiene	ND	6.0	mg/Kg dry	16	V-05	SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Hexachloroethane	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Hexachloroethane	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Indeno(1,2,3-cd)pyrene	4.1	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Indeno(1,2,3-cd)pyrene	5.6	0.75	mg/Kg dry	4	MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Isophorone	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Isophorone	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Methylnaphthalene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Methylnaphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
3/4-Methylphenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
3/4-Methylphenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Naphthalene	ND	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Naphthalene	ND	0.75	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Nitroaniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
3-Nitroaniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
3-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Nitroaniline	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Nitroaniline	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Nitrobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Nitrobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2-Nitrophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2-Nitrophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
4-Nitrophenol	ND	12	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
4-Nitrophenol	ND	2.9	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
N-Nitrosodiphenylamine	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
N-Nitrosodiphenylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
N-Nitrosodi-n-propylamine	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
N-Nitrosodi-n-propylamine	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pentachloronitrobenzene	ND	6.0	mg/Kg dry	16	V-16	SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pentachloronitrobenzene	ND	1.5	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pentachlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pentachlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Phenanthrene	6.2	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Phenanthrene	6.8	0.75	mg/Kg dry	4	R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Phenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Phenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pyrene	18	3.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pyrene	22	0.75	mg/Kg dry	4	E, MS-09, R-06	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
Pyridine	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
Pyridine	ND	1.5	mg/Kg dry	4	MS-09	SW-846 8270D	9/5/17	9/6/17 22:03	BGL
1,2,4,5-Tetrachlorobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
1,2,4-Trichlorobenzene	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
1,2,4-Trichlorobenzene	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4,5-Trichlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4,5-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL
2,4,6-Trichlorophenol	ND	6.0	mg/Kg dry	16		SW-846 8270D	9/5/17	9/7/17 19:34	BGL
2,4,6-Trichlorophenol	ND	1.5	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:03	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	51.5	30-130		9/7/17 19:34

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		54.9	30-130					9/6/17 22:03	
Phenol-d6		51.9	30-130					9/7/17 19:34	
Phenol-d6		57.0	30-130					9/6/17 22:03	
Nitrobenzene-d5		63.4	30-130					9/7/17 19:34	
Nitrobenzene-d5		66.2	30-130					9/6/17 22:03	
2-Fluorobiphenyl		55.5	30-130					9/7/17 19:34	
2-Fluorobiphenyl		61.0	30-130					9/6/17 22:03	
2,4,6-Tribromophenol		69.8	30-130					9/7/17 19:34	
2,4,6-Tribromophenol		75.5	30-130					9/6/17 22:03	
p-Terphenyl-d14		62.4	30-130					9/7/17 19:34	
p-Terphenyl-d14		71.4	30-130					9/6/17 22:03	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1221 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1232 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1242 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1248 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1254 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1260 [1]	0.46	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1262 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG
Aroclor-1268 [1]	ND	0.088	mg/Kg dry	4		SW-846 8082A	9/6/17	9/9/17 23:53	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	82.2	30-150		9/9/17 23:53
Decachlorobiphenyl [2]	89.7	30-150		9/9/17 23:53
Tetrachloro-m-xylene [1]	92.8	30-150		9/9/17 23:53
Tetrachloro-m-xylene [2]	95.6	30-150		9/9/17 23:53

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	820	550	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 19:32	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 19:32

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	24	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Arsenic	8.4	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Barium	560	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Cadmium	3.0	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Chromium	87	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Copper	350	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Lead	1500	0.76	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Mercury	0.25	0.028	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:30	TJK
Nickel	130	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:03	QNW
Silver	ND	1.0	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:21	QNW
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:25	QNW
Vanadium	300	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW
Zinc	1900	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:39	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-30 Sampled: 8/29/2017 10:15

Sample ID: 17H1544-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Acrylonitrile	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Benzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromodichloromethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromoform	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Bromomethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2-Butanone (MEK)	ND	0.043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
n-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
sec-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
tert-Butylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Carbon Disulfide	ND	0.0065	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Carbon Tetrachloride	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chlorodibromomethane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chloroethane	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chloroform	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Chloromethane	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
4-Chlorotoluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Dibromomethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,3-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,4-Dichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1-Dichloroethylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
cis-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
trans-1,2-Dichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,3-Dichloropropane	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2,2-Dichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1-Dichloropropene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
cis-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
trans-1,3-Dichloropropene	ND	0.0011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Ethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Hexachlorobutadiene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
2-Hexanone (MBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Isopropylbenzene (Cumene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Methylene Chloride	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Naphthalene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
n-Propylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Styrene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,2,2-Tetrachloroethane	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Tetrachloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Tetrahydrofuran	ND	0.011	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Toluene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,3-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,4-Trichlorobenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,1-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,2-Trichloroethane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Trichloroethylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,3-Trichloropropane	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,2,4-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
1,3,5-Trimethylbenzene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
Vinyl Chloride	ND	0.011	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
m+p Xylene	ND	0.0043	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF
o-Xylene	ND	0.0022	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:16	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/30/17 10:16
Toluene-d8	104	70-130		8/30/17 10:16
4-Bromofluorobenzene	104	70-130		8/30/17 10:16

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	3.2	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Acenaphthene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Acenaphthylene	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Acenaphthylene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Aniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Aniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Anthracene	7.7	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Anthracene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(a)anthracene	38	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(a)anthracene	42	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(a)pyrene	28	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(a)pyrene	30	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(b)fluoranthene	42	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(b)fluoranthene	42	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(g,h,i)perylene	14	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(g,h,i)perylene	14	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Benzo(k)fluoranthene	15	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Benzo(k)fluoranthene	17	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-chloroethoxy)methane	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-chloroethoxy)methane	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-chloroethyl)ether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-chloroethyl)ether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-chloroisopropyl)ether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-chloroisopropyl)ether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Bis(2-Ethylhexyl)phthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Bromophenylphenylether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Bromophenylphenylether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Butylbenzylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Butylbenzylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Carbazole	6.9	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Carbazole	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Chloroaniline	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Chloroaniline	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Chloro-3-methylphenol	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Chloro-3-methylphenol	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Chloronaphthalene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Chloronaphthalene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Chlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Chlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Chlorophenylphenylether	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Chlorophenylphenylether	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Chrysene	40	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Chrysene	45	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	3.8	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Dibenz(a,h)anthracene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Dibenzofuran	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Dibenzofuran	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Di-n-butylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Di-n-butylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
3,3-Dichlorobenzidine	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
3,3-Dichlorobenzidine	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dichlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dichlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Diethylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Diethylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dimethylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dimethylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Dimethylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Dimethylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4,6-Dinitro-2-methylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4,6-Dinitro-2-methylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dinitrophenol	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dinitrophenol	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4-Dinitrotoluene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4-Dinitrotoluene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,6-Dinitrotoluene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,6-Dinitrotoluene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Di-n-octylphthalate	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Di-n-octylphthalate	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Fluoranthene	130	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Fluoranthene	120	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Fluorene	2.3	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Fluorene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachlorobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachlorobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachlorobutadiene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachlorobutadiene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachlorocyclopentadiene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachlorocyclopentadiene	ND	21	mg/Kg dry	40	V-05	SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Hexachloroethane	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Hexachloroethane	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Indeno(1,2,3-cd)pyrene	15	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Indeno(1,2,3-cd)pyrene	17	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Isophorone	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Isophorone	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Methylnaphthalene	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Methylnaphthalene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Methylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
3/4-Methylphenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
3/4-Methylphenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Naphthalene	ND	1.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Naphthalene	ND	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Nitroaniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Nitroaniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
3-Nitroaniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
3-Nitroaniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Nitroaniline	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Nitroaniline	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Nitrobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Nitrobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2-Nitrophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2-Nitrophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
4-Nitrophenol	ND	4.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
4-Nitrophenol	ND	41	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
N-Nitrosodiphenylamine	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
N-Nitrosodiphenylamine	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
N-Nitrosodi-n-propylamine	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
N-Nitrosodi-n-propylamine	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pentachloronitrobenzene	ND	2.1	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pentachloronitrobenzene	ND	21	mg/Kg dry	40	V-16	SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pentachlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pentachlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Phenanthrene	66	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Phenanthrene	61	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Phenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Phenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pyrene	110	1.1	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pyrene	97	11	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
Pyridine	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
Pyridine	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
1,2,4,5-Tetrachlorobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
1,2,4,5-Tetrachlorobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
1,2,4-Trichlorobenzene	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
1,2,4-Trichlorobenzene	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4,5-Trichlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4,5-Trichlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL
2,4,6-Trichlorophenol	ND	2.1	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:27	BGL
2,4,6-Trichlorophenol	ND	21	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 14:15	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	63.3	30-130		9/6/17 22:27

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		71.8	30-130					9/7/17 14:15	
Phenol-d6		65.5	30-130					9/6/17 22:27	
Phenol-d6		72.2	30-130					9/7/17 14:15	
Nitrobenzene-d5		67.6	30-130					9/6/17 22:27	
Nitrobenzene-d5		86.8	30-130					9/7/17 14:15	
2-Fluorobiphenyl		45.1	30-130					9/6/17 22:27	
2-Fluorobiphenyl		53.6	30-130					9/7/17 14:15	
2,4,6-Tribromophenol		80.5	30-130					9/6/17 22:27	
2,4,6-Tribromophenol		89.8	30-130					9/7/17 14:15	
p-Terphenyl-d14		56.0	30-130					9/6/17 22:27	
p-Terphenyl-d14		59.2	30-130					9/7/17 14:15	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1221 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1232 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1242 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1248 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1254 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1260 [1]	9.8	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1262 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG
Aroclor-1268 [1]	ND	1.5	mg/Kg dry	50		SW-846 8082A	9/6/17	9/10/17 0:06	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 0:06
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 0:06
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 0:06
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 0:06

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	3800	770	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 19:50	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 19:50

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	10	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Arsenic	23	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Barium	330	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Beryllium	ND	0.37	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Cadmium	2.3	0.37	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Chromium	65	0.74	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Copper	3300	0.74	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Lead	290	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Mercury	27	3.9	mg/Kg dry	100		SW-846 7471B	8/30/17	9/6/17 13:23	TJK
Nickel	580	0.74	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Selenium	31	7.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:07	QNW
Silver	ND	0.74	mg/Kg dry	1	DL-04	SW-846 6010C-D	9/5/17	9/11/17 15:29	QNW
Thallium	ND	3.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:29	QNW
Vanadium	740	1.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW
Zinc	1100	1.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:46	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-31 Sampled: 8/29/2017 10:30

Sample ID: 17H1544-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	64.7		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.9	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Acrylonitrile	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Benzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromodichloromethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromoform	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Bromomethane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2-Butanone (MEK)	ND	2.3	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
n-Butylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
sec-Butylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
tert-Butylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Carbon Disulfide	ND	0.35	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Carbon Tetrachloride	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chlorodibromomethane	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chloroethane	0.31	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chloroform	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Chloromethane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2-Chlorotoluene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
4-Chlorotoluene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dibromoethane (EDB)	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Dibromomethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dichlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,3-Dichlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,4-Dichlorobenzene	6.0	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
trans-1,4-Dichloro-2-butene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1-Dichloroethane	0.15	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dichloroethane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1-Dichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
cis-1,2-Dichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
trans-1,2-Dichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2-Dichloropropane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,3-Dichloropropane	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2,2-Dichloropropane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1-Dichloropropene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
cis-1,3-Dichloropropene	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
trans-1,3-Dichloropropene	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Ethylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Hexachlorobutadiene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
2-Hexanone (MBK)	ND	1.2	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Isopropylbenzene (Cumene)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Methylene Chloride	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
4-Methyl-2-pentanone (MIBK)	ND	1.2	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Naphthalene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
n-Propylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Styrene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,1,2-Tetrachloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,2,2-Tetrachloroethane	ND	0.059	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Tetrachloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Tetrahydrofuran	ND	1.2	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Toluene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,3-Trichlorobenzene	ND	0.59	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,4-Trichlorobenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,1-Trichloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,2-Trichloroethane	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Trichloroethylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Trichlorofluoromethane (Freon 11)	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,3-Trichloropropane	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,2,4-Trimethylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
1,3,5-Trimethylbenzene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
Vinyl Chloride	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
m+p Xylene	ND	0.23	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH
o-Xylene	ND	0.12	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 16:37	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	115	70-130		9/5/17 16:37
Toluene-d8	99.8	70-130		9/5/17 16:37
4-Bromofluorobenzene	96.0	70-130		9/5/17 16:37

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Acenaphthylene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Aniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Anthracene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(a)anthracene	2.0	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(a)pyrene	1.6	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(b)fluoranthene	2.2	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(g,h,i)perylene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Benzo(k)fluoranthene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-chloroethoxy)methane	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-chloroethyl)ether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-chloroisopropyl)ether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Bis(2-Ethylhexyl)phthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Bromophenylphenylether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Butylbenzylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Carbazole	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Chloroaniline	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Chloro-3-methylphenol	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Chloronaphthalene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Chlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Chlorophenylphenylether	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Chrysene	2.5	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Dibenz(a,h)anthracene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Dibenzofuran	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Di-n-butylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
3,3-Dichlorobenzidine	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dichlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Diethylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dimethylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Dimethylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4,6-Dinitro-2-methylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dinitrophenol	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4-Dinitrotoluene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,6-Dinitrotoluene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Di-n-octylphthalate	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Fluoranthene	5.1	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Fluorene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachlorobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachlorobutadiene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachlorocyclopentadiene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Hexachloroethane	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Indeno(1,2,3-cd)pyrene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Isophorone	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Methylnaphthalene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
3/4-Methylphenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Naphthalene	ND	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Nitroaniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
3-Nitroaniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Nitroaniline	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Nitrobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2-Nitrophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
4-Nitrophenol	ND	4.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
N-Nitrosodiphenylamine	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
N-Nitrosodi-n-propylamine	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pentachloronitrobenzene	ND	2.4	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pentachlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Phenanthrene	2.6	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Phenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pyrene	5.2	1.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
Pyridine	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
1,2,4,5-Tetrachlorobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
1,2,4-Trichlorobenzene	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4,5-Trichlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL
2,4,6-Trichlorophenol	ND	2.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/6/17 22:51	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	59.8	30-130		9/6/17 22:51
Phenol-d6	60.3	30-130		9/6/17 22:51
Nitrobenzene-d5	69.4	30-130		9/6/17 22:51
2-Fluorobiphenyl	59.4	30-130		9/6/17 22:51
2,4,6-Tribromophenol	76.5	30-130		9/6/17 22:51
p-Terphenyl-d14	79.4	30-130		9/6/17 22:51

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1221 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1232 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1242 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1248 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1254 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1260 [1]	7.5	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1262 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG
Aroclor-1268 [1]	ND	1.4	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 0:18	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 0:18
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 0:18
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 0:18
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 0:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	2100	890	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 20:08	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 20:08

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	9.9	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Arsenic	8.8	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Barium	98	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Beryllium	ND	0.44	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Cadmium	4.6	0.44	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Chromium	33	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Copper	530	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Lead	190	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Mercury	0.52	0.043	mg/Kg dry	1		SW-846 7471B	8/30/17	9/6/17 13:25	TJK
Nickel	47	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Selenium	ND	8.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:10	QNW
Silver	ND	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Thallium	ND	4.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Vanadium	160	1.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW
Zinc	610	1.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:52	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC3-SE-6 Sampled: 8/29/2017 10:45

Sample ID: 17H1544-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	56.0		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Acrylonitrile	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Carbon Disulfide	ND	0.0061	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	99.1	70-130		8/30/17 11:12
Toluene-d8	103	70-130		8/30/17 11:12
4-Bromofluorobenzene	100	70-130		8/30/17 11:12

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	13	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Acenaphthene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Acenaphthylene	4.2	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Acenaphthylene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Aniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Aniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Anthracene	29	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Anthracene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(a)anthracene	77	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(a)anthracene	84	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(a)pyrene	65	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(a)pyrene	68	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(b)fluoranthene	77	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(b)fluoranthene	84	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(g,h,i)perylene	42	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(g,h,i)perylene	45	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Benzo(k)fluoranthene	30	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Benzo(k)fluoranthene	31	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-chloroethoxy)methane	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-chloroethoxy)methane	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-chloroethyl)ether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-chloroethyl)ether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-chloroisopropyl)ether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-chloroisopropyl)ether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Bis(2-Ethylhexyl)phthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Bis(2-Ethylhexyl)phthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Bromophenylphenylether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Bromophenylphenylether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Butylbenzylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Butylbenzylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Carbazole	16	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Carbazole	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Chloroaniline	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Chloroaniline	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Chloro-3-methylphenol	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Chloro-3-methylphenol	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Chloronaphthalene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Chloronaphthalene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Chlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Chlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Chlorophenylphenylether	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Chlorophenylphenylether	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Chrysene	76	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Chrysene	79	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	10	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Dibenz(a,h)anthracene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Dibenzofuran	6.6	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Dibenzofuran	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Di-n-butylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Di-n-butylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
3,3-Dichlorobenzidine	ND	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
3,3-Dichlorobenzidine	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dichlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dichlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Diethylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Diethylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dimethylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dimethylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Dimethylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Dimethylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4,6-Dinitro-2-methylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4,6-Dinitro-2-methylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dinitrophenol	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dinitrophenol	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4-Dinitrotoluene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4-Dinitrotoluene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,6-Dinitrotoluene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,6-Dinitrotoluene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Di-n-octylphthalate	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Di-n-octylphthalate	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Fluoranthene	180	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Fluoranthene	160	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Fluorene	13	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Fluorene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachlorobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachlorobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachlorobutadiene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachlorobutadiene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachlorocyclopentadiene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachlorocyclopentadiene	ND	61	mg/Kg dry	80	V-05	SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Hexachloroethane	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Hexachloroethane	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Indeno(1,2,3-cd)pyrene	42	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Indeno(1,2,3-cd)pyrene	46	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Isophorone	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Isophorone	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Methylnaphthalene	ND	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Methylnaphthalene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Methylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
3/4-Methylphenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
3/4-Methylphenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Naphthalene	5.9	3.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Naphthalene	ND	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Nitroaniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Nitroaniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
3-Nitroaniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
3-Nitroaniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Nitroaniline	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Nitroaniline	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Nitrobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Nitrobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2-Nitrophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2-Nitrophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
4-Nitrophenol	ND	12	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
4-Nitrophenol	ND	120	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
N-Nitrosodiphenylamine	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
N-Nitrosodiphenylamine	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
N-Nitrosodi-n-propylamine	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
N-Nitrosodi-n-propylamine	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pentachloronitrobenzene	ND	6.1	mg/Kg dry	8	V-16	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pentachloronitrobenzene	ND	61	mg/Kg dry	80	V-16	SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pentachlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pentachlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Phenanthrene	140	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Phenanthrene	120	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Phenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Phenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pyrene	150	3.1	mg/Kg dry	8	E	SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pyrene	160	31	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
Pyridine	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
Pyridine	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
1,2,4,5-Tetrachlorobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
1,2,4,5-Tetrachlorobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
1,2,4-Trichlorobenzene	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
1,2,4-Trichlorobenzene	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4,5-Trichlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4,5-Trichlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL
2,4,6-Trichlorophenol	ND	6.1	mg/Kg dry	8		SW-846 8270D	9/5/17	9/6/17 23:14	BGL
2,4,6-Trichlorophenol	ND	61	mg/Kg dry	80		SW-846 8270D	9/5/17	9/7/17 2:24	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	37.8	30-130		9/6/17 23:14

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		48.8	30-130					9/7/17 2:24	
Phenol-d6		37.6	30-130					9/6/17 23:14	
Phenol-d6		44.8	30-130					9/7/17 2:24	
Nitrobenzene-d5		45.4	30-130					9/6/17 23:14	
Nitrobenzene-d5		57.6	30-130					9/7/17 2:24	
2-Fluorobiphenyl		42.2	30-130					9/6/17 23:14	
2-Fluorobiphenyl		48.0	30-130					9/7/17 2:24	
2,4,6-Tribromophenol		50.5	30-130					9/6/17 23:14	
2,4,6-Tribromophenol		56.8	30-130					9/7/17 2:24	
p-Terphenyl-d14		55.8	30-130					9/6/17 23:14	
p-Terphenyl-d14		76.8	30-130					9/7/17 2:24	

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1221 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1232 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1242 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1248 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1254 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1260 [1]	2300	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1262 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG
Aroclor-1268 [1]	ND	220	mg/Kg dry	10000		SW-846 8082A	9/6/17	9/10/17 9:08	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 9:08
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 9:08
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 9:08
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 9:08

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Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	6300	1100	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 20:25	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 20:25

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Date Received: 8/29/2017

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Sample ID: 17H1544-08

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	21	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Arsenic	37	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Barium	120	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Cadmium	2.3	0.28	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Chromium	51	0.56	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Copper	290	0.56	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Lead	230	0.84	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Mercury	0.12	0.028	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:39	TJK
Nickel	87	0.56	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:35	QNW
Silver	ND	2.8	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/7/17 18:49	QNW
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:37	QNW
Vanadium	280	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW
Zinc	380	1.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 19:58	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-16 Sampled: 8/29/2017 12:00

Sample ID: 17H1544-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Acrylonitrile	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Benzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromodichloromethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromoform	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Bromomethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2-Butanone (MEK)	ND	0.041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
n-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
sec-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
tert-Butylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Carbon Disulfide	ND	0.0062	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Carbon Tetrachloride	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chlorodibromomethane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chloroethane	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chloroform	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Chloromethane	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
4-Chlorotoluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Dibromomethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,3-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,4-Dichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1-Dichloroethylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
cis-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
trans-1,2-Dichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,3-Dichloropropane	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2,2-Dichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1-Dichloropropene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Ethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Hexachlorobutadiene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
2-Hexanone (MBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Isopropylbenzene (Cumene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Methylene Chloride	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Naphthalene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
n-Propylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Styrene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Tetrachloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Tetrahydrofuran	ND	0.010	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Toluene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,3-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,4-Trichlorobenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,1-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,2-Trichloroethane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Trichloroethylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,3-Trichloropropane	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,2,4-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
1,3,5-Trimethylbenzene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
Vinyl Chloride	ND	0.010	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
m+p Xylene	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF
o-Xylene	ND	0.0021	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:08	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/30/17 12:08
Toluene-d8	104	70-130		8/30/17 12:08
4-Bromofluorobenzene	101	70-130		8/30/17 12:08

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	57	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Acenaphthene	74	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Acenaphthylene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Acenaphthylene	ND	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Aniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Aniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Anthracene	70	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Anthracene	88	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(a)anthracene	220	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(a)anthracene	230	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(a)pyrene	200	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(a)pyrene	240	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(b)fluoranthene	220	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(b)fluoranthene	280	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(g,h,i)perylene	130	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(g,h,i)perylene	130	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Benzo(k)fluoranthene	91	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Benzo(k)fluoranthene	92	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-chloroethoxy)methane	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-chloroethoxy)methane	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-chloroethyl)ether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-chloroethyl)ether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-chloroisopropyl)ether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-chloroisopropyl)ether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Bis(2-Ethylhexyl)phthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Bis(2-Ethylhexyl)phthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Bromophenylphenylether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Bromophenylphenylether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Butylbenzylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Butylbenzylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Carbazole	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Carbazole	43	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Chloroaniline	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Chloroaniline	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Chloro-3-methylphenol	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Chloro-3-methylphenol	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Chloronaphthalene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Chloronaphthalene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Chlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Chlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Chlorophenylphenylether	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Chlorophenylphenylether	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Chrysene	210	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Chrysene	220	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Dibenz(a,h)anthracene	34	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Dibenzofuran	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Dibenzofuran	22	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Di-n-butylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Di-n-butylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
3,3-Dichlorobenzidine	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
3,3-Dichlorobenzidine	ND	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dichlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Diethylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Diethylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dimethylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dimethylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Dimethylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Dimethylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4,6-Dinitro-2-methylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4,6-Dinitro-2-methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dinitrophenol	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dinitrophenol	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4-Dinitrotoluene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4-Dinitrotoluene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,6-Dinitrotoluene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,6-Dinitrotoluene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Di-n-octylphthalate	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Di-n-octylphthalate	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Fluoranthene	460	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Fluoranthene	440	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Fluorene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Fluorene	39	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachlorobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachlorobutadiene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachlorobutadiene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachlorocyclopentadiene	ND	80	mg/Kg dry	100	V-05	SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachlorocyclopentadiene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Hexachloroethane	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Hexachloroethane	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Indeno(1,2,3-cd)pyrene	140	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Indeno(1,2,3-cd)pyrene	150	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Isophorone	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Isophorone	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Methylnaphthalene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Methylnaphthalene	12	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
3/4-Methylphenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
3/4-Methylphenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Naphthalene	ND	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Naphthalene	28	2.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Nitroaniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
3-Nitroaniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
3-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Nitroaniline	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Nitroaniline	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Nitrobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Nitrobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2-Nitrophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2-Nitrophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
4-Nitrophenol	ND	160	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
4-Nitrophenol	ND	7.8	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
N-Nitrosodiphenylamine	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
N-Nitrosodiphenylamine	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
N-Nitrosodi-n-propylamine	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
N-Nitrosodi-n-propylamine	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pentachloronitrobenzene	ND	80	mg/Kg dry	100	V-16	SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pentachloronitrobenzene	ND	4.0	mg/Kg dry	5	V-16	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pentachlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pentachlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Phenanthrene	350	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Phenanthrene	330	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Phenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Phenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pyrene	390	40	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pyrene	480	2.0	mg/Kg dry	5	E	SW-846 8270D	9/5/17	9/6/17 23:38	BGL
Pyridine	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
Pyridine	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
1,2,4,5-Tetrachlorobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
1,2,4,5-Tetrachlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
1,2,4-Trichlorobenzene	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
1,2,4-Trichlorobenzene	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4,5-Trichlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4,5-Trichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL
2,4,6-Trichlorophenol	ND	80	mg/Kg dry	100		SW-846 8270D	9/5/17	9/7/17 13:16	BGL
2,4,6-Trichlorophenol	ND	4.0	mg/Kg dry	5		SW-846 8270D	9/5/17	9/6/17 23:38	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	*	30-130	S-01	9/7/17 13:16

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL		Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**		**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		56.3		30-130					9/6/17 23:38	
Phenol-d6			*	30-130		S-01			9/7/17 13:16	
Phenol-d6		58.0		30-130					9/6/17 23:38	
Nitrobenzene-d5			*	30-130		S-01			9/7/17 13:16	
Nitrobenzene-d5		66.9		30-130					9/6/17 23:38	
2-Fluorobiphenyl			*	30-130		S-01			9/7/17 13:16	
2-Fluorobiphenyl		63.4		30-130					9/6/17 23:38	
2,4,6-Tribromophenol			*	30-130		S-01			9/7/17 13:16	
2,4,6-Tribromophenol		72.8		30-130					9/6/17 23:38	
p-Terphenyl-d14			*	30-130		S-01			9/7/17 13:16	
p-Terphenyl-d14		85.1		30-130					9/6/17 23:38	

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Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1221 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1232 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1242 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1248 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1254 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1260 [1]	14	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1262 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG
Aroclor-1268 [1]	ND	1.8	mg/Kg dry	80		SW-846 8082A	9/6/17	9/10/17 1:21	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 1:21
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 1:21
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 1:21
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 1:21

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Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	7400	1200	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 20:43	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 20:43

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Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	25	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Arsenic	25	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Barium	130	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Beryllium	ND	0.29	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Cadmium	3.4	0.29	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Chromium	97	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Copper	570	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Lead	1800	0.88	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Mercury	0.35	0.029	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:41	TJK
Nickel	210	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:38	QNW
Silver	ND	2.9	mg/Kg dry	5	DL-04	SW-846 6010C-D	9/5/17	9/7/17 18:54	QNW
Thallium	ND	2.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:54	QNW
Vanadium	2000	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW
Zinc	1100	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:04	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-17 Sampled: 8/29/2017 12:15

Sample ID: 17H1544-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Bromomethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2-Butanone (MEK)	ND	0.036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chlorodibromomethane	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chloroform	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Chloromethane	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dibromoethane (EDB)	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1-Dichloroethylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,3-Dichloropropane	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
cis-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
trans-1,3-Dichloropropene	ND	0.00091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Naphthalene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Tetrahydrofuran	ND	0.0091	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
Vinyl Chloride	ND	0.0091	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
m+p Xylene	ND	0.0036	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 11:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	101	70-130		8/30/17 11:40
Toluene-d8	105	70-130		8/30/17 11:40
4-Bromofluorobenzene	102	70-130		8/30/17 11:40

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	4.2	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Acenaphthene	4.1	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Acenaphthylene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Acenaphthylene	ND	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Aniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Aniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Anthracene	6.6	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Anthracene	6.7	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(a)anthracene	31	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(a)anthracene	31	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(a)pyrene	31	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(a)pyrene	33	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(b)fluoranthene	37	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(b)fluoranthene	39	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(g,h,i)perylene	20	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(g,h,i)perylene	21	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Benzo(k)fluoranthene	15	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Benzo(k)fluoranthene	13	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-chloroethoxy)methane	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-chloroethoxy)methane	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-chloroethyl)ether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-chloroethyl)ether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-chloroisopropyl)ether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-chloroisopropyl)ether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Bis(2-Ethylhexyl)phthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Bromophenylphenylether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Bromophenylphenylether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Butylbenzylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Butylbenzylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Carbazole	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Carbazole	3.8	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Chloroaniline	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Chloroaniline	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Chloro-3-methylphenol	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Chloro-3-methylphenol	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Chloronaphthalene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Chloronaphthalene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Chlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Chlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Chlorophenylphenylether	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Chlorophenylphenylether	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Chrysene	32	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Chrysene	32	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dibenz(a,h)anthracene	5.1	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Dibenz(a,h)anthracene	4.8	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Dibenzofuran	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Dibenzofuran	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Di-n-butylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Di-n-butylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
3,3-Dichlorobenzidine	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
3,3-Dichlorobenzidine	ND	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dichlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dichlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Diethylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Diethylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dimethylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dimethylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Dimethylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Dimethylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4,6-Dinitro-2-methylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4,6-Dinitro-2-methylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dinitrophenol	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dinitrophenol	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4-Dinitrotoluene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4-Dinitrotoluene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,6-Dinitrotoluene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,6-Dinitrotoluene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Di-n-octylphthalate	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Di-n-octylphthalate	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Fluoranthene	62	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Fluoranthene	68	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Fluorene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Fluorene	2.6	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachlorobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachlorobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachlorobutadiene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachlorobutadiene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachlorocyclopentadiene	ND	8.2	mg/Kg dry	20	V-05	SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachlorocyclopentadiene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Hexachloroethane	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Hexachloroethane	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Indeno(1,2,3-cd)pyrene	21	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Indeno(1,2,3-cd)pyrene	23	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Isophorone	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Isophorone	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Methylnaphthalene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Methylnaphthalene	ND	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Methylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
3/4-Methylphenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
3/4-Methylphenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Naphthalene	ND	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Naphthalene	1.3	0.82	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Nitroaniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Nitroaniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
3-Nitroaniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
3-Nitroaniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Nitroaniline	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Nitroaniline	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Nitrobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Nitrobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2-Nitrophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2-Nitrophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
4-Nitrophenol	ND	16	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
4-Nitrophenol	ND	3.2	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
N-Nitrosodiphenylamine	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
N-Nitrosodiphenylamine	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
N-Nitrosodi-n-propylamine	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
N-Nitrosodi-n-propylamine	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pentachloronitrobenzene	ND	8.2	mg/Kg dry	20	V-16	SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pentachloronitrobenzene	ND	1.6	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pentachlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pentachlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Phenanthrene	33	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Phenanthrene	38	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Phenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Phenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pyrene	51	4.1	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pyrene	73	0.82	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:02	BGL
Pyridine	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
Pyridine	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
1,2,4,5-Tetrachlorobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
1,2,4-Trichlorobenzene	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
1,2,4-Trichlorobenzene	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4,5-Trichlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4,5-Trichlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL
2,4,6-Trichlorophenol	ND	8.2	mg/Kg dry	20		SW-846 8270D	9/5/17	9/7/17 14:45	BGL
2,4,6-Trichlorophenol	ND	1.6	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:02	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	51.3	30-130		9/7/17 14:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Surrogates		**% Recovery**	**Recovery Limits**		**Flag/Qual**				
2-Fluorophenol		50.3	30-130					9/7/17 0:02	
Phenol-d6		52.5	30-130					9/7/17 14:45	
Phenol-d6		51.9	30-130					9/7/17 0:02	
Nitrobenzene-d5		59.8	30-130					9/7/17 14:45	
Nitrobenzene-d5		58.2	30-130					9/7/17 0:02	
2-Fluorobiphenyl		55.0	30-130					9/7/17 14:45	
2-Fluorobiphenyl		52.0	30-130					9/7/17 0:02	
2,4,6-Tribromophenol		64.4	30-130					9/7/17 14:45	
2,4,6-Tribromophenol		66.6	30-130					9/7/17 0:02	
p-Terphenyl-d14		57.8	30-130					9/7/17 14:45	
p-Terphenyl-d14		68.9	30-130					9/7/17 0:02	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1221 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1232 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1242 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1248 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1254 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1260 [1]	5.7	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1262 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG
Aroclor-1268 [1]	ND	0.93	mg/Kg dry	40		SW-846 8082A	9/6/17	9/10/17 9:26	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/10/17 9:26
Decachlorobiphenyl [2]	*	30-150	S-01	9/10/17 9:26
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/10/17 9:26
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/10/17 9:26

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4000	1200	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 21:01	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 21:01

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	10	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Arsenic	18	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Barium	140	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Beryllium	ND	0.30	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Cadmium	2.9	0.30	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Chromium	47	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Copper	210	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Lead	470	0.89	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Mercury	0.35	0.030	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:42	TJK
Nickel	240	0.59	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Selenium	ND	5.9	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:42	QNW
Silver	ND	1.2	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/7/17 19:12	QNW
Thallium	ND	3.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 15:57	QNW
Vanadium	1700	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW
Zinc	980	1.2	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:10	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: AS-AOC8-SE-18 Sampled: 8/29/2017 12:30

Sample ID: 17H1544-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.3		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Acrylonitrile	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Benzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromodichloromethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromoform	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Bromomethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2-Butanone (MEK)	ND	0.039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
n-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
sec-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
tert-Butylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Carbon Disulfide	ND	0.0059	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Carbon Tetrachloride	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chlorodibromomethane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chloroethane	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chloroform	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Chloromethane	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
4-Chlorotoluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dibromoethane (EDB)	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Dibromomethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,3-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,4-Dichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
trans-1,4-Dichloro-2-butene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1-Dichloroethylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,3-Dichloropropane	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2,2-Dichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1-Dichloropropene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
cis-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
trans-1,3-Dichloropropene	ND	0.00098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Ethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Hexachlorobutadiene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
2-Hexanone (MBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Methylene Chloride	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Naphthalene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
n-Propylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Styrene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,2,2-Tetrachloroethane	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Tetrachloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Tetrahydrofuran	ND	0.0098	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Toluene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,1-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,2-Trichloroethane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Trichloroethylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,3-Trichloropropane	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
Vinyl Chloride	ND	0.0098	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
m+p Xylene	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF
o-Xylene	ND	0.0020	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 12:36	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	102	70-130		8/30/17 12:36
Toluene-d8	104	70-130		8/30/17 12:36
4-Bromofluorobenzene	104	70-130		8/30/17 12:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Acenaphthene	24	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Acenaphthene	21	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Acenaphthylene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Acenaphthylene	2.0	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Acenaphthylene	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Aniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Aniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Aniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Anthracene	36	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Anthracene	41	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Anthracene	37	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(a)anthracene	110	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(a)anthracene	110	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(a)anthracene	110	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(a)pyrene	93	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(a)pyrene	110	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(a)pyrene	98	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(b)fluoranthene	110	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(b)fluoranthene	150	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(b)fluoranthene	120	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(g,h,i)perylene	45	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(g,h,i)perylene	52	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(g,h,i)perylene	46	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Benzo(k)fluoranthene	44	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Benzo(k)fluoranthene	38	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Benzo(k)fluoranthene	45	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-chloroethoxy)methane	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-chloroethoxy)methane	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-chloroethoxy)methane	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-chloroethyl)ether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-chloroethyl)ether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-chloroethyl)ether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-chloroisopropyl)ether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-chloroisopropyl)ether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-chloroisopropyl)ether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Bis(2-Ethylhexyl)phthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Bis(2-Ethylhexyl)phthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Bromophenylphenylether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Bromophenylphenylether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Bromophenylphenylether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Butylbenzylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Butylbenzylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Butylbenzylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Carbazole	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Carbazole	24	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Carbazole	23	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Chloroaniline	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Chloroaniline	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Chloroaniline	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Chloro-3-methylphenol	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Chloro-3-methylphenol	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Chloro-3-methylphenol	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Chloronaphthalene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Chloronaphthalene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Chloronaphthalene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Chlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Chlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Chlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Chlorophenylphenylether	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Chlorophenylphenylether	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Chlorophenylphenylether	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Chrysene	110	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Chrysene	100	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Chrysene	110	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Dibenz(a,h)anthracene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Dibenz(a,h)anthracene	17	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Dibenz(a,h)anthracene	13	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Dibenzofuran	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Dibenzofuran	8.8	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Dibenzofuran	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Di-n-butylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Di-n-butylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Di-n-butylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
3,3-Dichlorobenzidine	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
3,3-Dichlorobenzidine	ND	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
3,3-Dichlorobenzidine	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dichlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dichlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dichlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Diethylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Diethylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Diethylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dimethylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dimethylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dimethylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Dimethylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Dimethylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Dimethylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4,6-Dinitro-2-methylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4,6-Dinitro-2-methylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4,6-Dinitro-2-methylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dinitrophenol	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dinitrophenol	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dinitrophenol	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4-Dinitrotoluene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4-Dinitrotoluene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4-Dinitrotoluene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,6-Dinitrotoluene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,6-Dinitrotoluene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,6-Dinitrotoluene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Di-n-octylphthalate	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Di-n-octylphthalate	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Di-n-octylphthalate	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Fluoranthene	250	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Fluoranthene	170	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Fluoranthene	300	7.2	mg/Kg dry	40	E	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Fluorene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Fluorene	17	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Fluorene	15	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachlorobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachlorobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachlorobutadiene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachlorobutadiene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachlorobutadiene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachlorocyclopentadiene	ND	72	mg/Kg dry	200	V-05	SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachlorocyclopentadiene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachlorocyclopentadiene	ND	14	mg/Kg dry	40	V-05	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Hexachloroethane	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Hexachloroethane	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Hexachloroethane	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Indeno(1,2,3-cd)pyrene	51	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Indeno(1,2,3-cd)pyrene	65	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Indeno(1,2,3-cd)pyrene	54	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Isophorone	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Isophorone	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Isophorone	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Methylnaphthalene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Methylnaphthalene	2.5	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Methylnaphthalene	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Methylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Methylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
3/4-Methylphenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
3/4-Methylphenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
3/4-Methylphenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Naphthalene	ND	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Naphthalene	5.0	0.72	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Naphthalene	ND	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Nitroaniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Nitroaniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Nitroaniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
3-Nitroaniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
3-Nitroaniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
3-Nitroaniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Nitroaniline	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Nitroaniline	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Nitroaniline	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Nitrobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Nitrobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Nitrobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2-Nitrophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2-Nitrophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2-Nitrophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
4-Nitrophenol	ND	140	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
4-Nitrophenol	ND	2.8	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
4-Nitrophenol	ND	28	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
N-Nitrosodiphenylamine	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
N-Nitrosodiphenylamine	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
N-Nitrosodiphenylamine	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
N-Nitrosodi-n-propylamine	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
N-Nitrosodi-n-propylamine	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
N-Nitrosodi-n-propylamine	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pentachloronitrobenzene	ND	72	mg/Kg dry	200	V-16	SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pentachloronitrobenzene	ND	1.4	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pentachloronitrobenzene	ND	14	mg/Kg dry	40	V-16	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pentachlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pentachlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pentachlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Phenanthrene	190	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Phenanthrene	130	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Phenanthrene	220	7.2	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Phenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Phenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Phenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pyrene	200	36	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pyrene	190	0.72	mg/Kg dry	4	E	SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pyrene	220	7.2	mg/Kg dry	40	E	SW-846 8270D	9/5/17	9/7/17 15:14	BGL
Pyridine	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
Pyridine	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
Pyridine	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
1,2,4,5-Tetrachlorobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
1,2,4,5-Tetrachlorobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
1,2,4-Trichlorobenzene	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
1,2,4-Trichlorobenzene	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
1,2,4-Trichlorobenzene	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4,5-Trichlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4,5-Trichlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4,5-Trichlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL
2,4,6-Trichlorophenol	ND	72	mg/Kg dry	200		SW-846 8270D	9/5/17	9/7/17 15:44	BGL
2,4,6-Trichlorophenol	ND	1.4	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 0:25	BGL
2,4,6-Trichlorophenol	ND	14	mg/Kg dry	40		SW-846 8270D	9/5/17	9/7/17 15:14	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	*	30-130	S-01	9/7/17 15:44
2-Fluorophenol	56.3	30-130		9/7/17 0:25
2-Fluorophenol	58.6	30-130		9/7/17 15:14
Phenol-d6	*	30-130	S-01	9/7/17 15:44
Phenol-d6	57.2	30-130		9/7/17 0:25
Phenol-d6	56.2	30-130		9/7/17 15:14
Nitrobenzene-d5	*	30-130	S-01	9/7/17 15:44
Nitrobenzene-d5	60.8	30-130		9/7/17 0:25
Nitrobenzene-d5	64.4	30-130		9/7/17 15:14
2-Fluorobiphenyl	*	30-130	S-01	9/7/17 15:44
2-Fluorobiphenyl	58.2	30-130		9/7/17 0:25
2-Fluorobiphenyl	59.2	30-130		9/7/17 15:14
2,4,6-Tribromophenol	*	30-130	S-01	9/7/17 15:44
2,4,6-Tribromophenol	74.5	30-130		9/7/17 0:25
2,4,6-Tribromophenol	67.4	30-130		9/7/17 15:14
p-Terphenyl-d14	*	30-130	S-01	9/7/17 15:44
p-Terphenyl-d14	77.1	30-130		9/7/17 0:25
p-Terphenyl-d14	70.4	30-130		9/7/17 15:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1254 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1260 [1]	1.5	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	9/6/17	9/10/17 1:46	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	40.9	30-150		9/10/17 1:46
Decachlorobiphenyl [2]	130	30-150		9/10/17 1:46
Tetrachloro-m-xylene [1]	39.8	30-150		9/10/17 1:46
Tetrachloro-m-xylene [2]	44.8	30-150		9/10/17 1:46

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	31	11	mg/Kg dry	1		CTDEP ETPH	9/5/17	9/8/17 2:18	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	84.9	50-150		9/8/17 2:18

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	20	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Arsenic	19	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Barium	150	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Beryllium	ND	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Cadmium	2.4	0.25	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Chromium	80	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Copper	450	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Lead	870	0.76	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Mercury	0.11	0.026	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:44	TJK
Nickel	120	0.51	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Selenium	ND	5.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:50	QNW
Silver	ND	1.0	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/11/17 16:02	QNW
Thallium	ND	2.5	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 16:05	QNW
Vanadium	470	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW
Zinc	1500	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:43	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-19 Sampled: 8/29/2017 12:45

Sample ID: 17H1544-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.9		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	4.8	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Acrylonitrile	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Benzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromodichloromethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromoform	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Bromomethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2-Butanone (MEK)	ND	1.9	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
n-Butylbenzene	0.15	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
sec-Butylbenzene	0.13	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
tert-Butylbenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Carbon Disulfide	ND	0.29	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Carbon Tetrachloride	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chlorodibromomethane	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chloroethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chloroform	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Chloromethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2-Chlorotoluene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
4-Chlorotoluene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dibromoethane (EDB)	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Dibromomethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,3-Dichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,4-Dichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
trans-1,4-Dichloro-2-butene	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1-Dichloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dichloroethane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1-Dichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
cis-1,2-Dichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
trans-1,2-Dichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2-Dichloropropane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,3-Dichloropropane	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2,2-Dichloropropane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1-Dichloropropene	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
cis-1,3-Dichloropropene	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
trans-1,3-Dichloropropene	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Ethylbenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Hexachlorobutadiene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
2-Hexanone (MBK)	ND	0.96	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Isopropylbenzene (Cumene)	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
p-Isopropyltoluene (p-Cymene)	0.11	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Methylene Chloride	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
4-Methyl-2-pentanone (MIBK)	ND	0.96	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Naphthalene	0.73	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
n-Propylbenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Styrene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,1,2-Tetrachloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,2,2-Tetrachloroethane	ND	0.048	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Tetrachloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Tetrahydrofuran	ND	0.96	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Toluene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,3-Trichlorobenzene	ND	0.48	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,4-Trichlorobenzene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,1-Trichloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,2-Trichloroethane	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Trichloroethylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Trichlorofluoromethane (Freon 11)	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,3-Trichloropropane	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,2,4-Trimethylbenzene	0.44	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
1,3,5-Trimethylbenzene	0.15	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
Vinyl Chloride	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
m+p Xylene	ND	0.19	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH
o-Xylene	ND	0.096	mg/Kg dry	1		SW-846 8260C	8/30/17	9/5/17 17:08	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	119	70-130		9/5/17 17:08
Toluene-d8	104	70-130		9/5/17 17:08
4-Bromofluorobenzene	96.0	70-130		9/5/17 17:08

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Acenaphthylene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Aniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Anthracene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(a)anthracene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(a)pyrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(b)fluoranthene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(g,h,i)perylene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Benzo(k)fluoranthene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-chloroethoxy)methane	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-chloroethyl)ether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-chloroisopropyl)ether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Bis(2-Ethylhexyl)phthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Bromophenylphenylether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Butylbenzylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Carbazole	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Chloroaniline	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Chloro-3-methylphenol	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Chloronaphthalene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Chlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Chlorophenylphenylether	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Chrysene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Dibenz(a,h)anthracene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Dibenzofuran	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Di-n-butylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
3,3-Dichlorobenzidine	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dichlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Diethylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dimethylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Dimethylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4,6-Dinitro-2-methylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dinitrophenol	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4-Dinitrotoluene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,6-Dinitrotoluene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Di-n-octylphthalate	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Fluoranthene	5.0	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Fluorene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachlorobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachlorobutadiene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachlorocyclopentadiene	ND	9.8	mg/Kg dry	10	V-05	SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Hexachloroethane	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Indeno(1,2,3-cd)pyrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Isophorone	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Methylnaphthalene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
3/4-Methylphenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Naphthalene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Nitroaniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
3-Nitroaniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Nitroaniline	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Nitrobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2-Nitrophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
4-Nitrophenol	ND	19	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
N-Nitrosodiphenylamine	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
N-Nitrosodi-n-propylamine	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pentachloronitrobenzene	ND	9.8	mg/Kg dry	10	V-16	SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pentachlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Phenanthrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Phenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pyrene	ND	4.9	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
Pyridine	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
1,2,4,5-Tetrachlorobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
1,2,4-Trichlorobenzene	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4,5-Trichlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL
2,4,6-Trichlorophenol	ND	9.8	mg/Kg dry	10		SW-846 8270D	9/5/17	9/7/17 20:30	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	61.7	30-130		9/7/17 20:30
Phenol-d6	65.3	30-130		9/7/17 20:30
Nitrobenzene-d5	75.0	30-130		9/7/17 20:30
2-Fluorobiphenyl	66.0	30-130		9/7/17 20:30
2,4,6-Tribromophenol	87.7	30-130		9/7/17 20:30
p-Terphenyl-d14	70.0	30-130		9/7/17 20:30

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1260 [1]	0.32	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG
Aroclor-1268 [1]	0.14	0.11	mg/Kg dry	4		SW-846 8082A	9/6/17	9/10/17 1:59	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	51.6	30-150		9/10/17 1:59
Decachlorobiphenyl [2]	58.7	30-150		9/10/17 1:59
Tetrachloro-m-xylene [1]	58.3	30-150		9/10/17 1:59
Tetrachloro-m-xylene [2]	63.7	30-150		9/10/17 1:59

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	1600	1400	mg/Kg dry	50		CTDEP ETPH	9/5/17	9/7/17 21:18	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 21:18

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	3.8	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Arsenic	ND	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Barium	210	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Beryllium	ND	0.34	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Cadmium	2.0	0.34	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Chromium	32	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Copper	220	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Lead	460	1.0	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Mercury	0.098	0.036	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:46	TJK
Nickel	31	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Selenium	ND	6.7	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:54	QNW
Silver	ND	0.67	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Thallium	ND	3.4	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Vanadium	98	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW
Zinc	950	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:49	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-SE-24 Sampled: 8/29/2017 13:00

Sample ID: 17H1544-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	69.5		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-CO-26 Sampled: 8/29/2017 09:10

Sample ID: 17H1544-13

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1221 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1232 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1242 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1248 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1254 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1260 [2]	1.1	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1262 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG
Aroclor-1268 [1]	ND	0.10	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 0:59	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	102	30-150		9/9/17 0:59
Decachlorobiphenyl [2]	117	30-150		9/9/17 0:59
Tetrachloro-m-xylene [1]	90.2	30-150		9/9/17 0:59
Tetrachloro-m-xylene [2]	97.3	30-150		9/9/17 0:59

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-CO-27 Sampled: 8/29/2017 09:40

Sample ID: 17H1544-14

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1221 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1232 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1242 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1248 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1254 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1260 [2]	0.93	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1262 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG
Aroclor-1268 [1]	ND	0.098	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 1:17	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		9/9/17 1:17
Decachlorobiphenyl [2]	119	30-150		9/9/17 1:17
Tetrachloro-m-xylene [1]	91.3	30-150		9/9/17 1:17
Tetrachloro-m-xylene [2]	98.4	30-150		9/9/17 1:17

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-CO-29 Sampled: 8/29/2017 10:05

Sample ID: 17H1544-15

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1221 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1232 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1242 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1248 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1254 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1260 [2]	2.9	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1262 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG
Aroclor-1268 [1]	ND	0.45	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 21:40	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	108	30-150		9/9/17 21:40
Decachlorobiphenyl [2]	118	30-150		9/9/17 21:40
Tetrachloro-m-xylene [1]	97.4	30-150		9/9/17 21:40
Tetrachloro-m-xylene [2]	101	30-150		9/9/17 21:40

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-16 Sampled: 8/29/2017 12:05

Sample ID: 17H1544-16

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1221 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1232 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1242 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1248 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1254 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1260 [2]	1800	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1262 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG
Aroclor-1268 [1]	ND	190	mg/Kg	2000		SW-846 8082A	9/6/17	9/9/17 22:15	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	9/9/17 22:15
Decachlorobiphenyl [2]	*	30-150	S-01	9/9/17 22:15
Tetrachloro-m-xylene [1]	*	30-150	S-01	9/9/17 22:15
Tetrachloro-m-xylene [2]	*	30-150	S-01	9/9/17 22:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-17 Sampled: 8/29/2017 12:20

Sample ID: 17H1544-17

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1221 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1232 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1242 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1248 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1254 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1260 [1]	1.9	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1262 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG
Aroclor-1268 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:33	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	132	30-150		9/9/17 22:33
Decachlorobiphenyl [2]	145	30-150		9/9/17 22:33
Tetrachloro-m-xylene [1]	117	30-150		9/9/17 22:33
Tetrachloro-m-xylene [2]	121	30-150		9/9/17 22:33

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-18 Sampled: 8/29/2017 12:35

Sample ID: 17H1544-18

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1221 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1232 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1242 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1248 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1254 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1260 [1]	2.0	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1262 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG
Aroclor-1268 [1]	ND	0.48	mg/Kg	5		SW-846 8082A	9/6/17	9/9/17 22:51	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.2	30-150		9/9/17 22:51
Decachlorobiphenyl [2]	72.2	30-150		9/9/17 22:51
Tetrachloro-m-xylene [1]	62.8	30-150		9/9/17 22:51
Tetrachloro-m-xylene [2]	64.1	30-150		9/9/17 22:51

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC8-CO-19 Sampled: 8/29/2017 12:50

Sample ID: 17H1544-19

Sample Matrix: Product/Solid

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1221 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1232 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1242 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1248 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1254 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1260 [2]	0.79	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1262 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG
Aroclor-1268 [1]	ND	0.097	mg/Kg	1		SW-846 8082A	9/6/17	9/9/17 23:09	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		9/9/17 23:09
Decachlorobiphenyl [2]	130	30-150		9/9/17 23:09
Tetrachloro-m-xylene [1]	93.0	30-150		9/9/17 23:09
Tetrachloro-m-xylene [2]	101	30-150		9/9/17 23:09

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Acrylonitrile	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Benzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromodichloromethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromoform	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Bromomethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2-Butanone (MEK)	ND	0.037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
n-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
sec-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
tert-Butylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Carbon Disulfide	ND	0.0055	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Carbon Tetrachloride	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chlorodibromomethane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chloroethane	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chloroform	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Chloromethane	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
4-Chlorotoluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dibromoethane (EDB)	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Dibromomethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,3-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,4-Dichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
trans-1,4-Dichloro-2-butene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1-Dichloroethylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
cis-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
trans-1,2-Dichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,3-Dichloropropane	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2,2-Dichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1-Dichloropropene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
cis-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
trans-1,3-Dichloropropene	ND	0.00092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Ethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Hexachlorobutadiene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
2-Hexanone (MBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Isopropylbenzene (Cumene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Methylene Chloride	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Naphthalene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
n-Propylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Styrene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,1,2-Tetrachloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,2,2-Tetrachloroethane	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Tetrachloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Tetrahydrofuran	ND	0.0092	mg/Kg dry	1	V-16	SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Toluene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,3-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,4-Trichlorobenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,1-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,2-Trichloroethane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Trichloroethylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,3-Trichloropropane	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,2,4-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
1,3,5-Trimethylbenzene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
Vinyl Chloride	ND	0.0092	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
m+p Xylene	ND	0.0037	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF
o-Xylene	ND	0.0018	mg/Kg dry	1		SW-846 8260C	8/30/17	8/30/17 10:44	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		8/30/17 10:44
Toluene-d8	106	70-130		8/30/17 10:44
4-Bromofluorobenzene	102	70-130		8/30/17 10:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Acenaphthylene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Aniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Anthracene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(a)anthracene	1.4	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(a)pyrene	1.5	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(b)fluoranthene	1.9	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(g,h,i)perylene	0.90	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Benzo(k)fluoranthene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-chloroethoxy)methane	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-chloroethyl)ether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-chloroisopropyl)ether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Bis(2-Ethylhexyl)phthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Bromophenylphenylether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Butylbenzylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Carbazole	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Chloroaniline	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Chloro-3-methylphenol	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Chloronaphthalene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Chlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Chlorophenylphenylether	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Chrysene	1.6	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Dibenz(a,h)anthracene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Dibenzofuran	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Di-n-butylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
3,3-Dichlorobenzidine	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dichlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Diethylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dimethylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Dimethylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4,6-Dinitro-2-methylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dinitrophenol	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4-Dinitrotoluene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,6-Dinitrotoluene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Di-n-octylphthalate	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Fluoranthene	2.3	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Fluorene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachlorobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachlorobutadiene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachlorocyclopentadiene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Hexachloroethane	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Indeno(1,2,3-cd)pyrene	0.95	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Isophorone	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Methylnaphthalene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
2-Methylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
3/4-Methylphenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Naphthalene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Nitroaniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
3-Nitroaniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Nitroaniline	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Nitrobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2-Nitrophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
4-Nitrophenol	ND	3.3	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
N-Nitrosodiphenylamine	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
N-Nitrosodi-n-propylamine	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pentachloronitrobenzene	ND	1.7	mg/Kg dry	4	V-16	SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pentachlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Phenanthrene	ND	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Phenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pyrene	2.6	0.85	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
Pyridine	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
1,2,4,5-Tetrachlorobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
1,2,4-Trichlorobenzene	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4,5-Trichlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL
2,4,6-Trichlorophenol	ND	1.7	mg/Kg dry	4		SW-846 8270D	9/5/17	9/7/17 1:13	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
2-Fluorophenol	64.0	30-130		9/7/17 1:13
Phenol-d6	69.6	30-130		9/7/17 1:13
Nitrobenzene-d5	76.4	30-130		9/7/17 1:13
2-Fluorobiphenyl	63.6	30-130		9/7/17 1:13
2,4,6-Tribromophenol	89.5	30-130		9/7/17 1:13
p-Terphenyl-d14	83.2	30-130		9/7/17 1:13

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1221 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1232 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1242 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1248 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1254 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1260 [1]	1.6	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1262 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG
Aroclor-1268 [1]	ND	0.20	mg/Kg dry	8		SW-846 8082A	9/6/17	9/10/17 2:12	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	73.2	30-150		9/10/17 2:12
Decachlorobiphenyl [2]	83.6	30-150		9/10/17 2:12
Tetrachloro-m-xylene [1]	85.0	30-150		9/10/17 2:12
Tetrachloro-m-xylene [2]	90.9	30-150		9/10/17 2:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	560	250	mg/Kg dry	20		CTDEP ETPH	9/5/17	9/7/17 21:36	PJG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	9/7/17 21:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	18	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Arsenic	16	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Barium	70	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Beryllium	ND	0.31	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Cadmium	1.4	0.31	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Chromium	91	0.63	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Copper	410	0.63	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Lead	180	0.94	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Mercury	0.21	0.031	mg/Kg dry	1		SW-846 7471B	8/30/17	9/5/17 14:47	TJK
Nickel	150	0.63	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Selenium	ND	6.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/7/17 17:57	QNW
Silver	ND	1.3	mg/Kg dry	2	DL-04	SW-846 6010C-D	9/5/17	9/11/17 16:09	QNW
Thallium	ND	3.1	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/11/17 16:14	QNW
Vanadium	470	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW
Zinc	330	1.3	mg/Kg dry	1		SW-846 6010C-D	9/5/17	9/6/17 20:55	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1544

Date Received: 8/29/2017

Field Sample #: WS-AOC13-SE-Dup1 Sampled: 8/29/2017 00:00

Sample ID: 17H1544-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.2		% Wt	1		SM 2540G	8/31/17	9/1/17 8:37	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185490	30.0	1.00	09/05/17
17H1544-02 [WS-AOC13-SE-27]	B185490	30.0	1.00	09/05/17
17H1544-03 [WS-AOC13-SE-28]	B185490	30.0	1.00	09/05/17
17H1544-04 [WS-AOC13-SE-29]	B185490	30.0	1.00	09/05/17
17H1544-05 [WS-AOC13-SE-30]	B185490	30.0	1.00	09/05/17
17H1544-06 [WS-AOC13-SE-31]	B185490	30.0	1.00	09/05/17
17H1544-07 [WS-AOC3-SE-6]	B185490	30.0	1.00	09/05/17
17H1544-08 [WS-AOC8-SE-16]	B185490	30.0	2.00	09/05/17
17H1544-09 [WS-AOC8-SE-17]	B185490	30.0	2.00	09/05/17
17H1544-10 [AS-AOC8-SE-18]	B185490	30.0	2.00	09/05/17
17H1544-11 [WS-AOC8-SE-19]	B185490	30.0	1.00	09/05/17
17H1544-12 [WS-AOC8-SE-24]	B185490	30.0	2.00	09/05/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185490	30.0	1.00	09/05/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H1544-01 [WS-AOC13-SE-26]	B185325	08/31/17
17H1544-02 [WS-AOC13-SE-27]	B185325	08/31/17
17H1544-03 [WS-AOC13-SE-28]	B185325	08/31/17
17H1544-04 [WS-AOC13-SE-29]	B185325	08/31/17
17H1544-05 [WS-AOC13-SE-30]	B185325	08/31/17
17H1544-06 [WS-AOC13-SE-31]	B185325	08/31/17
17H1544-07 [WS-AOC3-SE-6]	B185325	08/31/17
17H1544-08 [WS-AOC8-SE-16]	B185325	08/31/17
17H1544-09 [WS-AOC8-SE-17]	B185325	08/31/17
17H1544-10 [AS-AOC8-SE-18]	B185325	08/31/17
17H1544-11 [WS-AOC8-SE-19]	B185325	08/31/17
17H1544-12 [WS-AOC8-SE-24]	B185325	08/31/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185325	08/31/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185527	1.04	50.0	09/05/17
17H1544-02 [WS-AOC13-SE-27]	B185527	1.02	50.0	09/05/17
17H1544-03 [WS-AOC13-SE-28]	B185527	1.00	50.0	09/05/17
17H1544-04 [WS-AOC13-SE-29]	B185527	1.05	50.0	09/05/17
17H1544-05 [WS-AOC13-SE-30]	B185527	1.08	50.0	09/05/17
17H1544-06 [WS-AOC13-SE-31]	B185527	1.04	50.0	09/05/17
17H1544-07 [WS-AOC3-SE-6]	B185527	1.02	50.0	09/05/17
17H1544-08 [WS-AOC8-SE-16]	B185527	1.01	50.0	09/05/17
17H1544-09 [WS-AOC8-SE-17]	B185527	1.00	50.0	09/05/17
17H1544-10 [AS-AOC8-SE-18]	B185527	1.01	50.0	09/05/17
17H1544-11 [WS-AOC8-SE-19]	B185527	1.04	50.0	09/05/17
17H1544-12 [WS-AOC8-SE-24]	B185527	1.07	50.0	09/05/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185527	0.996	50.0	09/05/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185230	0.606	50.0	08/30/17
17H1544-02 [WS-AOC13-SE-27]	B185230	0.591	50.0	08/30/17
17H1544-03 [WS-AOC13-SE-28]	B185230	0.620	50.0	08/30/17
17H1544-04 [WS-AOC13-SE-29]	B185230	0.625	50.0	08/30/17
17H1544-05 [WS-AOC13-SE-30]	B185230	0.598	50.0	08/30/17
17H1544-06 [WS-AOC13-SE-31]	B185230	0.593	50.0	08/30/17
17H1544-07 [WS-AOC3-SE-6]	B185230	0.625	50.0	08/30/17
17H1544-08 [WS-AOC8-SE-16]	B185230	0.603	50.0	08/30/17
17H1544-09 [WS-AOC8-SE-17]	B185230	0.604	50.0	08/30/17
17H1544-10 [AS-AOC8-SE-18]	B185230	0.605	50.0	08/30/17
17H1544-11 [WS-AOC8-SE-19]	B185230	0.602	50.0	08/30/17
17H1544-12 [WS-AOC8-SE-24]	B185230	0.599	50.0	08/30/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185230	0.605	50.0	08/30/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-13 [WS-AOC13-CO-26]	B185577	2.01	10.0	09/06/17
17H1544-14 [WS-AOC13-CO-27]	B185577	2.05	10.0	09/06/17
17H1544-15 [WS-AOC13-CO-29]	B185577	2.23	10.0	09/06/17
17H1544-16 [WS-AOC8-CO-16]	B185577	2.07	10.0	09/06/17
17H1544-17 [WS-AOC8-CO-17]	B185577	2.09	10.0	09/06/17
17H1544-18 [WS-AOC8-CO-18]	B185577	2.08	10.0	09/06/17
17H1544-19 [WS-AOC8-CO-19]	B185577	2.07	10.0	09/06/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185576	10.0	10.0	09/06/17
17H1544-02 [WS-AOC13-SE-27]	B185576	10.3	10.0	09/06/17
17H1544-03 [WS-AOC13-SE-28]	B185576	10.1	10.0	09/06/17
17H1544-04 [WS-AOC13-SE-29]	B185576	10.0	10.0	09/06/17
17H1544-05 [WS-AOC13-SE-30]	B185576	10.0	10.0	09/06/17
17H1544-06 [WS-AOC13-SE-31]	B185576	10.2	10.0	09/06/17
17H1544-07 [WS-AOC3-SE-6]	B185576	10.1	10.0	09/06/17
17H1544-08 [WS-AOC8-SE-16]	B185576	10.2	10.0	09/06/17
17H1544-09 [WS-AOC8-SE-17]	B185576	10.2	10.0	09/06/17
17H1544-10 [AS-AOC8-SE-18]	B185576	10.3	10.0	09/06/17
17H1544-11 [WS-AOC8-SE-19]	B185576	10.0	10.0	09/06/17
17H1544-12 [WS-AOC8-SE-24]	B185576	10.2	10.0	09/06/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185576	10.1	10.0	09/06/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17H1544-07 [WS-AOC3-SE-6]	B185016	5.72	7.52	1	50	08/30/17
17H1544-12 [WS-AOC8-SE-24]	B185016	4.88	6.49	1	50	08/30/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185200	6.54	10.0	08/30/17
17H1544-02 [WS-AOC13-SE-27]	B185200	5.46	10.0	08/30/17
17H1544-03 [WS-AOC13-SE-28]	B185200	6.98	10.0	08/30/17
17H1544-04 [WS-AOC13-SE-29]	B185200	7.23	10.0	08/30/17
17H1544-05 [WS-AOC13-SE-30]	B185200	5.99	10.0	08/30/17
17H1544-06 [WS-AOC13-SE-31]	B185200	7.12	10.0	08/30/17
17H1544-08 [WS-AOC8-SE-16]	B185200	5.56	10.0	08/30/17
17H1544-09 [WS-AOC8-SE-17]	B185200	5.73	10.0	08/30/17
17H1544-10 [AS-AOC8-SE-18]	B185200	6.60	10.0	08/30/17
17H1544-11 [WS-AOC8-SE-19]	B185200	5.36	10.0	08/30/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185200	6.80	10.0	08/30/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17H1544-01 [WS-AOC13-SE-26]	B185495	30.0	1.00	09/05/17
17H1544-02 [WS-AOC13-SE-27]	B185495	30.0	1.00	09/05/17
17H1544-03 [WS-AOC13-SE-28]	B185495	30.0	1.00	09/05/17
17H1544-03RE1 [WS-AOC13-SE-28]	B185495	30.0	1.00	09/05/17
17H1544-04 [WS-AOC13-SE-29]	B185495	30.0	1.00	09/05/17
17H1544-04RE1 [WS-AOC13-SE-29]	B185495	30.0	1.00	09/05/17
17H1544-05 [WS-AOC13-SE-30]	B185495	30.0	1.00	09/05/17
17H1544-05RE1 [WS-AOC13-SE-30]	B185495	30.0	1.00	09/05/17
17H1544-06 [WS-AOC13-SE-31]	B185495	30.0	1.00	09/05/17
17H1544-06RE1 [WS-AOC13-SE-31]	B185495	30.0	1.00	09/05/17
17H1544-07 [WS-AOC3-SE-6]	B185495	30.0	1.00	09/05/17
17H1544-08 [WS-AOC8-SE-16]	B185495	30.0	2.00	09/05/17
17H1544-08RE1 [WS-AOC8-SE-16]	B185495	30.0	2.00	09/05/17
17H1544-09 [WS-AOC8-SE-17]	B185495	30.0	2.00	09/05/17
17H1544-09RE1 [WS-AOC8-SE-17]	B185495	30.0	2.00	09/05/17
17H1544-10 [AS-AOC8-SE-18]	B185495	30.0	1.00	09/05/17
17H1544-10RE1 [AS-AOC8-SE-18]	B185495	30.0	1.00	09/05/17
17H1544-11 [WS-AOC8-SE-19]	B185495	30.0	1.00	09/05/17
17H1544-11RE1 [WS-AOC8-SE-19]	B185495	30.0	1.00	09/05/17
17H1544-11RE2 [WS-AOC8-SE-19]	B185495	30.0	1.00	09/05/17
17H1544-12 [WS-AOC8-SE-24]	B185495	30.0	2.00	09/05/17
17H1544-20 [WS-AOC13-SE-Dup1]	B185495	30.0	1.00	09/05/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185016 - SW-846 5035										
Blank (B185016-BLK1)				Prepared: 08/28/17 Analyzed: 09/05/17						
Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B185016 - SW-846 5035											
Blank (B185016-BLK1)				Prepared: 08/28/17 Analyzed: 09/05/17							
Tetrachloroethylene	ND	0.050	mg/Kg wet								
Tetrahydrofuran	ND	0.50	mg/Kg wet								
Toluene	ND	0.050	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet								
Trichloroethylene	ND	0.050	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet								
Vinyl Chloride	ND	0.10	mg/Kg wet								
m+p Xylene	ND	0.10	mg/Kg wet								
o-Xylene	ND	0.050	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0275*		mg/Kg wet	0.0250		110		70-130			
Surrogate: Toluene-d8	*0.0253*		mg/Kg wet	0.0250		101		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0231*		mg/Kg wet	0.0250		92.4		70-130			
LCS (B185016-BS1)				Prepared: 08/28/17 Analyzed: 09/05/17							
Acetone	0.125	0.057	mg/Kg wet	0.113		110		70-130			
Acrylonitrile	0.0123	0.0057	mg/Kg wet	0.0113		109		70-130			
Benzene	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130			
Bromobenzene	0.0128	0.0011	mg/Kg wet	0.0113		113		70-130			
Bromodichloromethane	0.0128	0.0011	mg/Kg wet	0.0113		113		70-130			
Bromoform	0.0117	0.0011	mg/Kg wet	0.0113		104		70-130			
Bromomethane	0.0147	0.0023	mg/Kg wet	0.0113		129		70-130			
2-Butanone (MEK)	0.139	0.023	mg/Kg wet	0.113		123		70-130			
n-Butylbenzene	0.0142	0.0011	mg/Kg wet	0.0113		125		70-130			
sec-Butylbenzene	0.0133	0.0011	mg/Kg wet	0.0113		118		70-130			
tert-Butylbenzene	0.0132	0.0011	mg/Kg wet	0.0113		117		70-130			
Carbon Disulfide	0.140	0.0034	mg/Kg wet	0.113		124		70-130			
Carbon Tetrachloride	0.0131	0.0011	mg/Kg wet	0.0113		116		70-130			
Chlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
Chlorodibromomethane	0.0137	0.00057	mg/Kg wet	0.0113		121		70-130			
Chloroethane	0.0130	0.0023	mg/Kg wet	0.0113		115		70-130			
Chloroform	0.0124	0.0023	mg/Kg wet	0.0113		109		70-130			
Chloromethane	0.0159	0.0023	mg/Kg wet	0.0113		**141**	*	70-130			L-01
2-Chlorotoluene	0.0108	0.0011	mg/Kg wet	0.0113		95.1		70-130			
4-Chlorotoluene	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0148	0.0057	mg/Kg wet	0.0113		**131**	*	70-130			L-01
1,2-Dibromoethane (EDB)	0.0127	0.00057	mg/Kg wet	0.0113		112		70-130			
Dibromomethane	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130			
1,2-Dichlorobenzene	0.0131	0.0011	mg/Kg wet	0.0113		115		70-130			
1,3-Dichlorobenzene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130			
1,4-Dichlorobenzene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130			
trans-1,4-Dichloro-2-butene	0.0143	0.0023	mg/Kg wet	0.0113		126		70-130			
Dichlorodifluoromethane (Freon 12)	0.0139	0.0023	mg/Kg wet	0.0113		122		70-130			
1,1-Dichloroethane	0.0137	0.0011	mg/Kg wet	0.0113		121		70-130			
1,2-Dichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
1,1-Dichloroethylene	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185016 - SW-846 5035										
LCS (B185016-BS1)				Prepared: 08/28/17 Analyzed: 09/05/17						
cis-1,2-Dichloroethylene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
trans-1,2-Dichloroethylene	0.0135	0.0011	mg/Kg wet	0.0113		119	70-130			
1,2-Dichloropropane	0.0116	0.0011	mg/Kg wet	0.0113		102	70-130			
1,3-Dichloropropane	0.0123	0.00057	mg/Kg wet	0.0113		108	70-130			
2,2-Dichloropropane	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
1,1-Dichloropropene	0.0134	0.0023	mg/Kg wet	0.0113		118	70-130			
cis-1,3-Dichloropropene	0.0125	0.00057	mg/Kg wet	0.0113		110	70-130			
trans-1,3-Dichloropropene	0.0115	0.00057	mg/Kg wet	0.0113		101	70-130			
Ethylbenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Hexachlorobutadiene	0.0131	0.0011	mg/Kg wet	0.0113		116	70-130			
2-Hexanone (MBK)	0.141	0.011	mg/Kg wet	0.113		124	70-130			
Isopropylbenzene (Cumene)	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
p-Isopropyltoluene (p-Cymene)	0.0139	0.0011	mg/Kg wet	0.0113		122	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0122	0.0011	mg/Kg wet	0.0113		107	70-130			
Methylene Chloride	0.0125	0.0057	mg/Kg wet	0.0113		111	70-130			
4-Methyl-2-pentanone (MIBK)	0.131	0.011	mg/Kg wet	0.113		115	70-130			
Naphthalene	0.0133	0.0023	mg/Kg wet	0.0113		117	70-130			
n-Propylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
Styrene	0.0121	0.0011	mg/Kg wet	0.0113		107	70-130			
1,1,1,2-Tetrachloroethane	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130			
1,1,2,2-Tetrachloroethane	0.0127	0.00057	mg/Kg wet	0.0113		112	70-130			
Tetrachloroethylene	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
Tetrahydrofuran	0.0123	0.011	mg/Kg wet	0.0113		108	70-130			
Toluene	0.0122	0.0011	mg/Kg wet	0.0113		108	70-130			
1,2,3-Trichlorobenzene	0.0128	0.0057	mg/Kg wet	0.0113		113	70-130			
1,2,4-Trichlorobenzene	0.0130	0.0011	mg/Kg wet	0.0113		115	70-130			
1,1,1-Trichloroethane	0.0133	0.0011	mg/Kg wet	0.0113		117	70-130			
1,1,2-Trichloroethane	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Trichloroethylene	0.0124	0.0011	mg/Kg wet	0.0113		110	70-130			
Trichlorofluoromethane (Freon 11)	0.0126	0.0023	mg/Kg wet	0.0113		112	70-130			
1,2,3-Trichloropropane	0.0130	0.0023	mg/Kg wet	0.0113		114	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0124	0.0011	mg/Kg wet	0.0113		109	70-130			
1,2,4-Trimethylbenzene	0.0134	0.0011	mg/Kg wet	0.0113		118	70-130			
1,3,5-Trimethylbenzene	0.0127	0.0011	mg/Kg wet	0.0113		112	70-130			
Vinyl Chloride	0.0104	0.0023	mg/Kg wet	0.0113		92.2	70-130			
m+p Xylene	0.0253	0.0023	mg/Kg wet	0.0227		112	70-130			
o-Xylene	0.0125	0.0011	mg/Kg wet	0.0113		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0318*		mg/Kg wet	0.0283		112	70-130			
Surrogate: Toluene-d8	*0.0288*		mg/Kg wet	0.0283		102	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0274*		mg/Kg wet	0.0283		96.8	70-130			
Batch B185200 - SW-846 5035										
Blank (B185200-BLK1)				Prepared & Analyzed: 08/30/17						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185200 - SW-846 5035										
Blank (B185200-BLK1)				Prepared & Analyzed: 08/30/17						
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0040	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							V-16
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185200 - SW-846 5035										
Blank (B185200-BLK1)				Prepared & Analyzed: 08/30/17						
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130			
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0507*		mg/Kg wet	0.0500		101	70-130			
LCS (B185200-BS1)				Prepared & Analyzed: 08/30/17						
Acetone	0.176	0.10	mg/Kg wet	0.200		88.2	70-130			
Acrylonitrile	0.0219	0.0060	mg/Kg wet	0.0200		109	70-130			
Benzene	0.0181	0.0020	mg/Kg wet	0.0200		90.7	70-130			
Bromobenzene	0.0163	0.0020	mg/Kg wet	0.0200		81.4	70-130			
Bromodichloromethane	0.0182	0.0020	mg/Kg wet	0.0200		91.1	70-130			
Bromoform	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130			
Bromomethane	0.0196	0.010	mg/Kg wet	0.0200		97.9	70-130			
2-Butanone (MEK)	0.215	0.040	mg/Kg wet	0.200		108	70-130			
n-Butylbenzene	0.0172	0.0020	mg/Kg wet	0.0200		86.2	70-130			
sec-Butylbenzene	0.0191	0.0020	mg/Kg wet	0.0200		95.4	70-130			
tert-Butylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		96.9	70-130			
Carbon Disulfide	0.203	0.0060	mg/Kg wet	0.200		102	70-130			
Carbon Tetrachloride	0.0188	0.0020	mg/Kg wet	0.0200		94.2	70-130			
Chlorobenzene	0.0170	0.0020	mg/Kg wet	0.0200		84.8	70-130			
Chlorodibromomethane	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130			
Chloroethane	0.0158	0.020	mg/Kg wet	0.0200		79.1	70-130			
Chloroform	0.0185	0.0040	mg/Kg wet	0.0200		92.6	70-130			
Chloromethane	0.0194	0.010	mg/Kg wet	0.0200		97.2	70-130			
2-Chlorotoluene	0.0172	0.0020	mg/Kg wet	0.0200		86.0	70-130			
4-Chlorotoluene	0.0173	0.0020	mg/Kg wet	0.0200		86.4	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2-Dibromoethane (EDB)	0.0207	0.0010	mg/Kg wet	0.0200		103	70-130			
Dibromomethane	0.0191	0.0020	mg/Kg wet	0.0200		95.7	70-130			
1,2-Dichlorobenzene	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,3-Dichlorobenzene	0.0168	0.0020	mg/Kg wet	0.0200		84.1	70-130			
1,4-Dichlorobenzene	0.0178	0.0020	mg/Kg wet	0.0200		88.8	70-130			
trans-1,4-Dichloro-2-butene	0.0179	0.0040	mg/Kg wet	0.0200		89.7	70-130			
Dichlorodifluoromethane (Freon 12)	0.0227	0.020	mg/Kg wet	0.0200		113	70-130			
1,1-Dichloroethane	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
1,2-Dichloroethane	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1-Dichloroethylene	0.0198	0.0040	mg/Kg wet	0.0200		98.8	70-130			
cis-1,2-Dichloroethylene	0.0196	0.0020	mg/Kg wet	0.0200		98.1	70-130			
trans-1,2-Dichloroethylene	0.0236	0.0020	mg/Kg wet	0.0200		118	70-130			
1,2-Dichloropropane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,3-Dichloropropane	0.0194	0.0010	mg/Kg wet	0.0200		97.2	70-130			
2,2-Dichloropropane	0.0181	0.0020	mg/Kg wet	0.0200		90.3	70-130			
1,1-Dichloropropene	0.0180	0.0020	mg/Kg wet	0.0200		89.9	70-130			
cis-1,3-Dichloropropene	0.0183	0.0010	mg/Kg wet	0.0200		91.3	70-130			
trans-1,3-Dichloropropene	0.0199	0.0010	mg/Kg wet	0.0200		99.4	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185200 - SW-846 5035										
LCS (B185200-BS1)				Prepared & Analyzed: 08/30/17						
Ethylbenzene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130			
Hexachlorobutadiene	0.0203	0.0020	mg/Kg wet	0.0200		101	70-130			
2-Hexanone (MBK)	0.213	0.020	mg/Kg wet	0.200		106	70-130			
Isopropylbenzene (Cumene)	0.0179	0.0020	mg/Kg wet	0.0200		89.7	70-130			
p-Isopropyltoluene (p-Cymene)	0.0186	0.0020	mg/Kg wet	0.0200		92.9	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0184	0.0040	mg/Kg wet	0.0200		92.1	70-130			
Methylene Chloride	0.0221	0.020	mg/Kg wet	0.0200		111	70-130			
4-Methyl-2-pentanone (MIBK)	0.218	0.020	mg/Kg wet	0.200		109	70-130			
Naphthalene	0.0154	0.0040	mg/Kg wet	0.0200		76.8	70-130			
n-Propylbenzene	0.0171	0.0020	mg/Kg wet	0.0200		85.3	70-130			
Styrene	0.0170	0.0020	mg/Kg wet	0.0200		85.0	70-130			
1,1,1,2-Tetrachloroethane	0.0176	0.0020	mg/Kg wet	0.0200		87.9	70-130			
1,1,2,2-Tetrachloroethane	0.0160	0.0040	mg/Kg wet	0.0200		79.8	70-130			
Tetrachloroethylene	0.0211	0.0020	mg/Kg wet	0.0200		106	70-130			
Tetrahydrofuran	0.0178	0.010	mg/Kg wet	0.0200		88.9	70-130			V-16
Toluene	0.0192	0.0020	mg/Kg wet	0.0200		96.1	70-130			
1,2,3-Trichlorobenzene	0.0167	0.0020	mg/Kg wet	0.0200		83.7	70-130			
1,2,4-Trichlorobenzene	0.0175	0.0020	mg/Kg wet	0.0200		87.6	70-130			
1,1,1-Trichloroethane	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
1,1,2-Trichloroethane	0.0182	0.0020	mg/Kg wet	0.0200		91.0	70-130			
Trichloroethylene	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130			
Trichlorofluoromethane (Freon 11)	0.0238	0.010	mg/Kg wet	0.0200		119	70-130			
1,2,3-Trichloropropane	0.0188	0.0020	mg/Kg wet	0.0200		93.8	70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0217	0.010	mg/Kg wet	0.0200		108	70-130			
1,2,4-Trimethylbenzene	0.0195	0.0020	mg/Kg wet	0.0200		97.7	70-130			
1,3,5-Trimethylbenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.5	70-130			
Vinyl Chloride	0.0175	0.010	mg/Kg wet	0.0200		87.3	70-130			
m+p Xylene	0.0349	0.0040	mg/Kg wet	0.0400		87.2	70-130			
o-Xylene	0.0176	0.0020	mg/Kg wet	0.0200		87.8	70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0519*		mg/Kg wet	0.0500		104	70-130			
Surrogate: Toluene-d8	*0.0528*		mg/Kg wet	0.0500		106	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0518*		mg/Kg wet	0.0500		104	70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546										
Blank (B185495-BLK1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Aniline	ND	0.34	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Bis(2-chloroethoxy)methane	ND	0.34	mg/Kg wet							
Bis(2-chloroethyl)ether	ND	0.34	mg/Kg wet							
Bis(2-chloroisopropyl)ether	ND	0.34	mg/Kg wet							
Bis(2-Ethylhexyl)phthalate	ND	0.34	mg/Kg wet							
4-Bromophenylphenylether	ND	0.34	mg/Kg wet							
Butylbenzylphthalate	ND	0.34	mg/Kg wet							
Carbazole	ND	0.17	mg/Kg wet							
4-Chloroaniline	ND	0.66	mg/Kg wet							
4-Chloro-3-methylphenol	ND	0.66	mg/Kg wet							
2-Chloronaphthalene	ND	0.34	mg/Kg wet							
2-Chlorophenol	ND	0.34	mg/Kg wet							
4-Chlorophenylphenylether	ND	0.34	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Dibenzofuran	ND	0.34	mg/Kg wet							
Di-n-butylphthalate	ND	0.34	mg/Kg wet							
3,3-Dichlorobenzidine	ND	0.17	mg/Kg wet							
2,4-Dichlorophenol	ND	0.34	mg/Kg wet							
Diethylphthalate	ND	0.34	mg/Kg wet							
2,4-Dimethylphenol	ND	0.34	mg/Kg wet							
Dimethylphthalate	ND	0.34	mg/Kg wet							
4,6-Dinitro-2-methylphenol	ND	0.34	mg/Kg wet							
2,4-Dinitrophenol	ND	0.66	mg/Kg wet							
2,4-Dinitrotoluene	ND	0.34	mg/Kg wet							
2,6-Dinitrotoluene	ND	0.34	mg/Kg wet							
Di-n-octylphthalate	ND	0.34	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Hexachlorobenzene	ND	0.34	mg/Kg wet							
Hexachlorobutadiene	ND	0.34	mg/Kg wet							
Hexachlorocyclopentadiene	ND	0.34	mg/Kg wet							
Hexachloroethane	ND	0.34	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
Isophorone	ND	0.34	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
2-Methylphenol	ND	0.34	mg/Kg wet							
3/4-Methylphenol	ND	0.34	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
2-Nitroaniline	ND	0.34	mg/Kg wet							
3-Nitroaniline	ND	0.34	mg/Kg wet							
4-Nitroaniline	ND	0.34	mg/Kg wet							
Nitrobenzene	ND	0.34	mg/Kg wet							
2-Nitrophenol	ND	0.34	mg/Kg wet							

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546										
Blank (B185495-BLK1)				Prepared: 09/05/17 Analyzed: 09/06/17						
4-Nitrophenol	ND	0.66	mg/Kg wet							
N-Nitrosodiphenylamine	ND	0.34	mg/Kg wet							
N-Nitrosodi-n-propylamine	ND	0.34	mg/Kg wet							
Pentachloronitrobenzene	ND	0.34	mg/Kg wet							V-16
Pentachlorophenol	ND	0.34	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Phenol	ND	0.34	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Pyridine	ND	0.34	mg/Kg wet							
1,2,4,5-Tetrachlorobenzene	ND	0.34	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.34	mg/Kg wet							
2,4,5-Trichlorophenol	ND	0.34	mg/Kg wet							
2,4,6-Trichlorophenol	ND	0.34	mg/Kg wet							
Surrogate: 2-Fluorophenol	*4.54*		mg/Kg wet	6.67		68.2	30-130			
Surrogate: Phenol-d6	*4.69*		mg/Kg wet	6.67		70.4	30-130			
Surrogate: Nitrobenzene-d5	*2.33*		mg/Kg wet	3.33		69.8	30-130			
Surrogate: 2-Fluorobiphenyl	*2.42*		mg/Kg wet	3.33		72.5	30-130			
Surrogate: 2,4,6-Tribromophenol	*5.89*		mg/Kg wet	6.67		88.4	30-130			
Surrogate: p-Terphenyl-d14	*2.93*		mg/Kg wet	3.33		87.8	30-130			
LCS (B185495-BS1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Acenaphthene	0.995	0.17	mg/Kg wet	1.67		59.7	40-140			
Acenaphthylene	0.972	0.17	mg/Kg wet	1.67		58.3	40-140			
Aniline	0.778	0.34	mg/Kg wet	1.67		46.7	40-140			†
Anthracene	1.06	0.17	mg/Kg wet	1.67		63.3	40-140			
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(a)pyrene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140			
Benzo(b)fluoranthene	1.07	0.17	mg/Kg wet	1.67		64.5	40-140			
Benzo(g,h,i)perylene	1.17	0.17	mg/Kg wet	1.67		70.0	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140			
Bis(2-chloroethoxy)methane	1.21	0.34	mg/Kg wet	1.67		72.8	40-140			
Bis(2-chloroethyl)ether	1.05	0.34	mg/Kg wet	1.67		63.2	40-140			
Bis(2-chloroisopropyl)ether	1.17	0.34	mg/Kg wet	1.67		70.2	40-140			
Bis(2-Ethylhexyl)phthalate	1.18	0.34	mg/Kg wet	1.67		70.6	40-140			
4-Bromophenylphenylether	1.26	0.34	mg/Kg wet	1.67		75.7	40-140			
Butylbenzylphthalate	1.23	0.34	mg/Kg wet	1.67		73.5	40-140			
Carbazole	1.05	0.17	mg/Kg wet	1.67		62.7	40-140			
4-Chloroaniline	0.694	0.66	mg/Kg wet	1.67		41.7	40-140			†
4-Chloro-3-methylphenol	1.16	0.66	mg/Kg wet	1.67		69.7	30-130			
2-Chloronaphthalene	1.02	0.34	mg/Kg wet	1.67		61.2	40-140			
2-Chlorophenol	1.08	0.34	mg/Kg wet	1.67		64.8	30-130			
4-Chlorophenylphenylether	1.18	0.34	mg/Kg wet	1.67		70.8	40-140			
Chrysene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Dibenz(a,h)anthracene	1.13	0.17	mg/Kg wet	1.67		68.0	40-140			
Dibenzofuran	1.09	0.34	mg/Kg wet	1.67		65.4	40-140			
Di-n-butylphthalate	1.14	0.34	mg/Kg wet	1.67		68.3	40-140			
3,3-Dichlorobenzidine	1.04	0.17	mg/Kg wet	1.67		62.2	40-140			†
2,4-Dichlorophenol	1.17	0.34	mg/Kg wet	1.67		70.2	30-130			
Diethylphthalate	1.15	0.34	mg/Kg wet	1.67		69.1	40-140			
2,4-Dimethylphenol	1.12	0.34	mg/Kg wet	1.67		67.2	30-130			
Dimethylphthalate	1.15	0.34	mg/Kg wet	1.67		69.2	40-140			
4,6-Dinitro-2-methylphenol	0.926	0.34	mg/Kg wet	1.67		55.6	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes	
Batch B185495 - SW-846 3546											
LCS (B185495-BS1)				Prepared: 09/05/17 Analyzed: 09/06/17							
2,4-Dinitrophenol	0.597	0.66	mg/Kg wet	1.67		35.8	30-130				
2,4-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		72.9	40-140				
2,6-Dinitrotoluene	1.22	0.34	mg/Kg wet	1.67		73.0	40-140				
Di-n-octylphthalate	1.11	0.34	mg/Kg wet	1.67		66.5	40-140				
Fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140				
Fluorene	1.04	0.17	mg/Kg wet	1.67		62.3	40-140				
Hexachlorobenzene	1.32	0.34	mg/Kg wet	1.67		79.5	40-140				
Hexachlorobutadiene	1.18	0.34	mg/Kg wet	1.67		71.1	40-140				
Hexachlorocyclopentadiene	0.940	0.34	mg/Kg wet	1.67		56.4	30-140				
Hexachloroethane	1.02	0.34	mg/Kg wet	1.67		61.0	40-140				
Indeno(1,2,3-cd)pyrene	1.17	0.17	mg/Kg wet	1.67		69.9	40-140				
Isophorone	1.21	0.34	mg/Kg wet	1.67		72.6	40-140				
2-Methylnaphthalene	1.10	0.17	mg/Kg wet	1.67		65.9	40-140				
2-Methylphenol	1.01	0.34	mg/Kg wet	1.67		60.8	30-130				
3/4-Methylphenol	1.10	0.34	mg/Kg wet	1.67		65.7	30-130				
Naphthalene	1.02	0.17	mg/Kg wet	1.67		61.2	40-140				
2-Nitroaniline	1.20	0.34	mg/Kg wet	1.67		71.9	40-140				
3-Nitroaniline	0.969	0.34	mg/Kg wet	1.67		58.2	40-140				†
4-Nitroaniline	1.04	0.34	mg/Kg wet	1.67		62.6	40-140				
Nitrobenzene	1.21	0.34	mg/Kg wet	1.67		72.7	40-140				
2-Nitrophenol	1.08	0.34	mg/Kg wet	1.67		64.6	30-130				
4-Nitrophenol	1.44	0.66	mg/Kg wet	1.67		86.2	10-130				
N-Nitrosodiphenylamine	1.39	0.34	mg/Kg wet	1.67		83.6	40-140				
N-Nitrosodi-n-propylamine	1.13	0.34	mg/Kg wet	1.67		67.9	40-140				
Pentachloronitrobenzene	1.32	0.34	mg/Kg wet	1.67		79.3	40-140			V-16	
Pentachlorophenol	0.930	0.34	mg/Kg wet	1.67		55.8	30-130				
Phenanthrene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140				
Phenol	1.14	0.34	mg/Kg wet	1.67		68.4	20-130				
Pyrene	1.15	0.17	mg/Kg wet	1.67		68.7	40-140				
Pyridine	0.669	0.34	mg/Kg wet	1.67		40.2	10-140				†
1,2,4,5-Tetrachlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.0	40-140				
1,2,4-Trichlorobenzene	1.16	0.34	mg/Kg wet	1.67		69.4	40-140				
2,4,5-Trichlorophenol	1.12	0.34	mg/Kg wet	1.67		67.4	30-130				
2,4,6-Trichlorophenol	1.15	0.34	mg/Kg wet	1.67		69.0	30-130				
Surrogate: 2-Fluorophenol	*4.68*		mg/Kg wet	6.67		70.2	30-130				
Surrogate: Phenol-d6	*4.81*		mg/Kg wet	6.67		72.2	30-130				
Surrogate: Nitrobenzene-d5	*2.43*		mg/Kg wet	3.33		72.9	30-130				
Surrogate: 2-Fluorobiphenyl	*2.43*		mg/Kg wet	3.33		72.8	30-130				
Surrogate: 2,4,6-Tribromophenol	*6.33*		mg/Kg wet	6.67		94.9	30-130				
Surrogate: p-Terphenyl-d14	*2.81*		mg/Kg wet	3.33		84.4	30-130				
LCS Dup (B185495-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17							
Acenaphthene	0.972	0.17	mg/Kg wet	1.67		58.3	40-140	2.27	30		
Acenaphthylene	0.938	0.17	mg/Kg wet	1.67		56.3	40-140	3.52	30		
Aniline	0.734	0.34	mg/Kg wet	1.67		44.0	40-140	5.91	50		† ‡
Anthracene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	2.92	30		
Benzo(a)anthracene	1.08	0.17	mg/Kg wet	1.67		64.5	40-140	4.96	30		
Benzo(a)pyrene	1.06	0.17	mg/Kg wet	1.67		63.7	40-140	5.65	30		
Benzo(b)fluoranthene	1.02	0.17	mg/Kg wet	1.67		61.2	40-140	5.29	30		
Benzo(g,h,i)perylene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140	6.52	30		
Benzo(k)fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6	40-140	4.77	30		
Bis(2-chloroethoxy)methane	1.17	0.34	mg/Kg wet	1.67		70.1	40-140	3.81	30		

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546										
LCS Dup (B185495-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Bis(2-chloroethyl)ether	1.07	0.34	mg/Kg wet	1.67		64.3	40-140	1.76	30	
Bis(2-chloroisopropyl)ether	1.12	0.34	mg/Kg wet	1.67		67.1	40-140	4.58	30	
Bis(2-Ethylhexyl)phthalate	1.13	0.34	mg/Kg wet	1.67		67.7	40-140	4.25	30	
4-Bromophenylphenylether	1.22	0.34	mg/Kg wet	1.67		73.3	40-140	3.22	30	
Butylbenzylphthalate	1.15	0.34	mg/Kg wet	1.67		69.0	40-140	6.31	30	
Carbazole	0.997	0.17	mg/Kg wet	1.67		59.8	40-140	4.77	30	
4-Chloroaniline	0.693	0.66	mg/Kg wet	1.67		41.6	40-140	0.240	30	†
4-Chloro-3-methylphenol	1.10	0.66	mg/Kg wet	1.67		66.0	30-130	5.51	30	
2-Chloronaphthalene	0.996	0.34	mg/Kg wet	1.67		59.8	40-140	2.35	30	
2-Chlorophenol	1.03	0.34	mg/Kg wet	1.67		61.6	30-130	5.06	30	
4-Chlorophenylphenylether	1.12	0.34	mg/Kg wet	1.67		67.0	40-140	5.52	30	
Chrysene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	5.32	30	
Dibenz(a,h)anthracene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140	4.48	30	
Dibenzofuran	1.06	0.34	mg/Kg wet	1.67		63.6	40-140	2.76	30	
Di-n-butylphthalate	1.09	0.34	mg/Kg wet	1.67		65.2	40-140	4.73	30	
3,3-Dichlorobenzidine	1.03	0.17	mg/Kg wet	1.67		61.7	40-140	0.775	30	† ‡
2,4-Dichlorophenol	1.13	0.34	mg/Kg wet	1.67		67.6	30-130	3.78	30	
Diethylphthalate	1.11	0.34	mg/Kg wet	1.67		66.5	40-140	3.86	30	
2,4-Dimethylphenol	1.07	0.34	mg/Kg wet	1.67		64.2	30-130	4.56	30	
Dimethylphthalate	1.12	0.34	mg/Kg wet	1.67		67.0	40-140	3.26	50	
4,6-Dinitro-2-methylphenol	0.902	0.34	mg/Kg wet	1.67		54.1	30-130	2.70	50	
2,4-Dinitrophenol	0.607	0.66	mg/Kg wet	1.67		36.4	30-130	1.66	50	
2,4-Dinitrotoluene	1.17	0.34	mg/Kg wet	1.67		70.2	40-140	3.77	30	
2,6-Dinitrotoluene	1.18	0.34	mg/Kg wet	1.67		70.7	40-140	3.20	30	
Di-n-octylphthalate	1.06	0.34	mg/Kg wet	1.67		63.6	40-140	4.43	30	
Fluoranthene	1.01	0.17	mg/Kg wet	1.67		60.4	40-140	3.16	30	
Fluorene	0.990	0.17	mg/Kg wet	1.67		59.4	40-140	4.70	30	
Hexachlorobenzene	1.31	0.34	mg/Kg wet	1.67		78.7	40-140	0.986	30	
Hexachlorobutadiene	1.16	0.34	mg/Kg wet	1.67		69.7	40-140	1.99	30	
Hexachlorocyclopentadiene	0.928	0.34	mg/Kg wet	1.67		55.7	30-140	1.29	50	
Hexachloroethane	1.01	0.34	mg/Kg wet	1.67		60.7	40-140	0.460	50	
Indeno(1,2,3-cd)pyrene	1.12	0.17	mg/Kg wet	1.67		67.4	40-140	3.70	50	
Isophorone	1.16	0.34	mg/Kg wet	1.67		69.4	40-140	4.45	30	
2-Methylnaphthalene	1.06	0.17	mg/Kg wet	1.67		63.9	40-140	3.17	30	
2-Methylphenol	0.976	0.34	mg/Kg wet	1.67		58.6	30-130	3.72	30	
3/4-Methylphenol	1.04	0.34	mg/Kg wet	1.67		62.2	30-130	5.57	30	
Naphthalene	0.977	0.17	mg/Kg wet	1.67		58.6	40-140	4.28	30	
2-Nitroaniline	1.18	0.34	mg/Kg wet	1.67		71.0	40-140	1.26	30	
3-Nitroaniline	0.932	0.34	mg/Kg wet	1.67		55.9	40-140	3.89	30	†
4-Nitroaniline	1.04	0.34	mg/Kg wet	1.67		62.2	40-140	0.641	30	
Nitrobenzene	1.15	0.34	mg/Kg wet	1.67		69.0	40-140	5.28	30	
2-Nitrophenol	1.07	0.34	mg/Kg wet	1.67		64.0	30-130	0.809	30	
4-Nitrophenol	1.42	0.66	mg/Kg wet	1.67		85.5	10-130	0.769	50	‡
N-Nitrosodiphenylamine	1.32	0.34	mg/Kg wet	1.67		79.2	40-140	5.43	30	
N-Nitrosodi-n-propylamine	1.10	0.34	mg/Kg wet	1.67		65.9	40-140	3.05	30	
Pentachloronitrobenzene	1.30	0.34	mg/Kg wet	1.67		78.1	40-140	1.55	30	V-16
Pentachlorophenol	0.905	0.34	mg/Kg wet	1.67		54.3	30-130	2.76	50	
Phenanthrene	1.05	0.17	mg/Kg wet	1.67		62.7	40-140	3.26	30	
Phenol	1.08	0.34	mg/Kg wet	1.67		64.6	20-130	5.71	30	
Pyrene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140	5.53	30	
Pyridine	0.631	0.34	mg/Kg wet	1.67		37.8	10-140	5.95	50	†
1,2,4,5-Tetrachlorobenzene	1.07	0.34	mg/Kg wet	1.67		64.5	40-140	3.80	30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B185495 - SW-846 3546											
LCS Dup (B185495-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17							
1,2,4-Trichlorobenzene	1.12	0.34	mg/Kg wet	1.67		67.1		40-140	3.37	30	
2,4,5-Trichlorophenol	1.10	0.34	mg/Kg wet	1.67		66.3		30-130	1.68	30	
2,4,6-Trichlorophenol	1.12	0.34	mg/Kg wet	1.67		67.2		30-130	2.55	50	
Surrogate: 2-Fluorophenol	*4.53*		mg/Kg wet	6.67		68.0		30-130			
Surrogate: Phenol-d6	*4.56*		mg/Kg wet	6.67		68.5		30-130			
Surrogate: Nitrobenzene-d5	*2.32*		mg/Kg wet	3.33		69.6		30-130			
Surrogate: 2-Fluorobiphenyl	*2.36*		mg/Kg wet	3.33		70.7		30-130			
Surrogate: 2,4,6-Tribromophenol	*6.14*		mg/Kg wet	6.67		92.0		30-130			
Surrogate: p-Terphenyl-d14	*2.62*		mg/Kg wet	3.33		78.6		30-130			
Matrix Spike (B185495-MS1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17							
Acenaphthene	1.16	0.75	mg/Kg dry	1.83	0.285	47.6		40-140			R-06
Acenaphthylene	0.956	0.75	mg/Kg dry	1.83	ND	52.2		40-140			
Aniline	0.533	1.5	mg/Kg dry	1.83	ND	**29.1**	*	40-140			MS-09
Anthracene	1.80	0.75	mg/Kg dry	1.83	0.945	46.9		40-140			R-06
Benzo(a)anthracene	9.37	0.75	mg/Kg dry	1.83	10.3	**-50.2**	*	40-140			MS-09, R-06
Benzo(a)pyrene	7.57	0.75	mg/Kg dry	1.83	8.83	**-68.8**	*	40-140			MS-08, R-06
Benzo(b)fluoranthene	10.6	0.75	mg/Kg dry	1.83	12.7	**-116**	*	40-140			MS-08, R-06
Benzo(g,h,i)perylene	3.79	0.75	mg/Kg dry	1.83	5.30	**-82.4**	*	40-140			MS-09
Benzo(k)fluoranthene	4.50	0.75	mg/Kg dry	1.83	4.86	**-19.7**	*	40-140			MS-08, R-06
Bis(2-chloroethoxy)methane	1.05	1.5	mg/Kg dry	1.83	ND	57.3		40-140			
Bis(2-chloroethyl)ether	0.992	1.5	mg/Kg dry	1.83	ND	54.2		40-140			
Bis(2-chloroisopropyl)ether	1.07	1.5	mg/Kg dry	1.83	ND	58.6		40-140			
Bis(2-Ethylhexyl)phthalate	1.60	1.5	mg/Kg dry	1.83	ND	87.7		40-140			
4-Bromophenylphenylether	1.06	1.5	mg/Kg dry	1.83	ND	58.1		40-140			
Butylbenzylphthalate	1.23	1.5	mg/Kg dry	1.83	ND	67.4		40-140			
Carbazole	1.89	0.75	mg/Kg dry	1.83	0.767	61.2		40-140			R-06
4-Chloroaniline	0.741	2.9	mg/Kg dry	1.83	ND	40.5		40-140			
4-Chloro-3-methylphenol	1.06	2.9	mg/Kg dry	1.83	ND	58.1		30-130			
2-Chloronaphthalene	0.944	1.5	mg/Kg dry	1.83	ND	51.6		40-140			
2-Chlorophenol	0.972	1.5	mg/Kg dry	1.83	ND	53.1		30-130			
4-Chlorophenylphenylether	1.02	1.5	mg/Kg dry	1.83	ND	55.8		40-140			
Chrysene	10.2	0.75	mg/Kg dry	1.83	10.9	**-41.0**	*	40-140			MS-09, R-06
Dibenz(a,h)anthracene	1.51	0.75	mg/Kg dry	1.83	1.38	**7.28**	*	40-140			MS-09
Dibenzofuran	1.13	1.5	mg/Kg dry	1.83	ND	61.8		40-140			
Di-n-butylphthalate	1.07	1.5	mg/Kg dry	1.83	ND	58.2		40-140			
3,3-Dichlorobenzidine	0.899	0.75	mg/Kg dry	1.83	ND	49.1		40-140			
2,4-Dichlorophenol	0.986	1.5	mg/Kg dry	1.83	ND	53.9		30-130			
Diethylphthalate	1.04	1.5	mg/Kg dry	1.83	ND	56.7		40-140			
2,4-Dimethylphenol	0.869	1.5	mg/Kg dry	1.83	ND	47.5		30-130			
Dimethylphthalate	1.02	1.5	mg/Kg dry	1.83	ND	55.9		40-140			
4,6-Dinitro-2-methylphenol	0.752	1.5	mg/Kg dry	1.83	ND	41.1		30-130			
2,4-Dinitrophenol	0.844	2.9	mg/Kg dry	1.83	ND	46.2		30-130			
2,4-Dinitrotoluene	0.885	1.5	mg/Kg dry	1.83	ND	48.4		40-140			
2,6-Dinitrotoluene	0.932	1.5	mg/Kg dry	1.83	ND	51.0		40-140			
Di-n-octylphthalate	1.07	1.5	mg/Kg dry	1.83	ND	58.4		40-140			
Fluoranthene	21.7	0.75	mg/Kg dry	1.83	24.1	**-132**	*	40-140			MS-09, R-06
Fluorene	1.14	0.75	mg/Kg dry	1.83	ND	62.5		40-140			
Hexachlorobenzene	1.09	1.5	mg/Kg dry	1.83	ND	59.4		40-140			
Hexachlorobutadiene	1.09	1.5	mg/Kg dry	1.83	ND	59.8		40-140			
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	1.83	ND		*	40-140			MS-09
Hexachloroethane	0.719	1.5	mg/Kg dry	1.83	ND	**39.3**	*	40-140			MS-09

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B185495 - SW-846 3546												
Matrix Spike (B185495-MS1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17								
Indeno(1,2,3-cd)pyrene	4.23	0.75	mg/Kg dry	1.83	5.57	**-73.0**	*	40-140				MS-09, R-06
Isophorone	1.07	1.5	mg/Kg dry	1.83	ND	58.7		40-140				
2-Methylnaphthalene	1.06	0.75	mg/Kg dry	1.83	ND	57.8		40-140				
2-Methylphenol	0.880	1.5	mg/Kg dry	1.83	ND	48.1		30-130				
3/4-Methylphenol	0.967	1.5	mg/Kg dry	1.83	ND	52.9		30-130				
Naphthalene	1.01	0.75	mg/Kg dry	1.83	ND	55.3		40-140				
2-Nitroaniline	1.19	1.5	mg/Kg dry	1.83	ND	65.0		40-140				
3-Nitroaniline	1.06	1.5	mg/Kg dry	1.83	ND	57.8		40-140				
4-Nitroaniline	1.10	1.5	mg/Kg dry	1.83	ND	59.9		40-140				
Nitrobenzene	1.09	1.5	mg/Kg dry	1.83	ND	59.5		40-140				
2-Nitrophenol	0.722	1.5	mg/Kg dry	1.83	ND	39.4		30-130				
4-Nitrophenol	1.23	2.9	mg/Kg dry	1.83	ND	67.1		30-130				
N-Nitrosodiphenylamine	1.23	1.5	mg/Kg dry	1.83	ND	67.0		40-140				
N-Nitrosodi-n-propylamine	1.05	1.5	mg/Kg dry	1.83	ND	57.1		40-140				
Pentachloronitrobenzene	0.998	1.5	mg/Kg dry	1.83	ND	54.6		40-140				V-16
Pentachlorophenol	0.574	1.5	mg/Kg dry	1.83	ND	31.4		30-130				
Phenanthrene	8.64	0.75	mg/Kg dry	1.83	6.77	102		40-140				R-06
Phenol	0.985	1.5	mg/Kg dry	1.83	ND	53.8		30-130				
Pyrene	22.2	0.75	mg/Kg dry	1.83	21.8	**23.4**	*	40-140				MS-09, R-06
Pyridine	0.553	1.5	mg/Kg dry	1.83	ND	**30.2**	*	40-140				MS-09
1,2,4,5-Tetrachlorobenzene	0.913	1.5	mg/Kg dry	1.83	ND	49.9		40-140				
1,2,4-Trichlorobenzene	1.03	1.5	mg/Kg dry	1.83	ND	56.2		40-140				
2,4,5-Trichlorophenol	0.957	1.5	mg/Kg dry	1.83	ND	52.3		30-130				
2,4,6-Trichlorophenol	0.997	1.5	mg/Kg dry	1.83	ND	54.5		30-130				
Surrogate: 2-Fluorophenol	*3.86*		mg/Kg dry	7.32		52.8		30-130				
Surrogate: Phenol-d6	*3.98*		mg/Kg dry	7.32		54.4		30-130				
Surrogate: Nitrobenzene-d5	*2.18*		mg/Kg dry	3.66		59.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.00*		mg/Kg dry	3.66		54.8		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.66*		mg/Kg dry	7.32		63.6		30-130				
Surrogate: p-Terphenyl-d14	*2.64*		mg/Kg dry	3.66		72.1		30-130				
Matrix Spike Dup (B185495-MSD1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17								
Acenaphthene	1.76	0.75	mg/Kg dry	1.83	0.285	80.7		40-140	**41.5**	*	30	R-06
Acenaphthylene	0.981	0.75	mg/Kg dry	1.83	ND	53.6		40-140	2.57		30	
Aniline	0.534	1.5	mg/Kg dry	1.83	ND	**29.2**	*	40-140	0.274		30	MS-09
Anthracene	3.23	0.75	mg/Kg dry	1.83	0.945	125		40-140	**56.6**	*	30	R-06
Benzo(a)anthracene	14.2	0.75	mg/Kg dry	1.83	10.3	**212**	*	40-140	**40.7**	*	30	MS-09, R-06
Benzo(a)pyrene	10.7	0.75	mg/Kg dry	1.83	8.83	104		40-140	**34.6**	*	30	R-06
Benzo(b)fluoranthene	15.0	0.75	mg/Kg dry	1.83	12.7	122		40-140	**34.2**	*	30	R-06
Benzo(g,h,i)perylene	5.02	0.75	mg/Kg dry	1.83	5.30	**-15.4**	*	40-140	27.8		30	MS-09
Benzo(k)fluoranthene	6.29	0.75	mg/Kg dry	1.83	4.86	77.8		40-140	**33.1**	*	30	R-06
Bis(2-chloroethoxy)methane	1.08	1.5	mg/Kg dry	1.83	ND	59.3		40-140	3.43		30	
Bis(2-chloroethyl)ether	1.02	1.5	mg/Kg dry	1.83	ND	55.7		40-140	2.62		30	
Bis(2-chloroisopropyl)ether	1.06	1.5	mg/Kg dry	1.83	ND	58.0		40-140	0.961		30	
Bis(2-Ethylhexyl)phthalate	1.60	1.5	mg/Kg dry	1.83	ND	87.6		40-140	0.0913		30	
4-Bromophenylphenylether	1.01	1.5	mg/Kg dry	1.83	ND	55.0		40-140	5.52		30	
Butylbenzylphthalate	1.26	1.5	mg/Kg dry	1.83	ND	68.8		40-140	2.12		30	
Carbazole	2.85	0.75	mg/Kg dry	1.83	0.767	114		40-140	**40.8**	*	30	R-06
4-Chloroaniline	0.751	2.9	mg/Kg dry	1.83	ND	41.0		40-140	1.37		30	
4-Chloro-3-methylphenol	1.05	2.9	mg/Kg dry	1.83	ND	57.4		30-130	1.25		30	
2-Chloronaphthalene	0.926	1.5	mg/Kg dry	1.83	ND	50.6		40-140	1.88		30	
2-Chlorophenol	0.924	1.5	mg/Kg dry	1.83	ND	50.5		30-130	5.10		30	

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD		RPD Limit	Notes
Batch B185495 - SW-846 3546												
Matrix Spike Dup (B185495-MSD1)		**Source: 17H1544-05**		Prepared: 09/05/17 Analyzed: 09/07/17								
4-Chlorophenylphenylether	0.975	1.5	mg/Kg dry	1.83	ND	53.3		40-140	4.69		30	
Chrysene	15.1	0.75	mg/Kg dry	1.83	10.9	**229**	*	40-140	**39.0**	*	30	MS-09, R-06
Dibenz(a,h)anthracene	1.87	0.75	mg/Kg dry	1.83	1.38	**26.6**	*	40-140	21.0		30	MS-09
Dibenzofuran	1.45	1.5	mg/Kg dry	1.83	ND	79.1		40-140	24.6		30	
Di-n-butylphthalate	1.03	1.5	mg/Kg dry	1.83	ND	56.3		40-140	3.35		30	
3,3-Dichlorobenzidine	0.821	0.75	mg/Kg dry	1.83	ND	44.9		40-140	9.02		30	
2,4-Dichlorophenol	1.03	1.5	mg/Kg dry	1.83	ND	56.2		30-130	4.07		30	
Diethylphthalate	1.03	1.5	mg/Kg dry	1.83	ND	56.1		40-140	1.13		30	
2,4-Dimethylphenol	0.844	1.5	mg/Kg dry	1.83	ND	46.2		30-130	2.90		30	
Dimethylphthalate	1.01	1.5	mg/Kg dry	1.83	ND	55.4		40-140	1.01		30	
4,6-Dinitro-2-methylphenol	0.749	1.5	mg/Kg dry	1.83	ND	41.0		30-130			30	
2,4-Dinitrophenol	0.840	2.9	mg/Kg dry	1.83	ND	45.9		30-130			30	
2,4-Dinitrotoluene	0.881	1.5	mg/Kg dry	1.83	ND	48.2		40-140	0.497		30	
2,6-Dinitrotoluene	0.921	1.5	mg/Kg dry	1.83	ND	50.3		40-140	1.26		30	
Di-n-octylphthalate	1.06	1.5	mg/Kg dry	1.83	ND	58.1		40-140	0.549		30	
Fluoranthene	39.0	0.75	mg/Kg dry	1.83	24.1	**810**	*	40-140	**56.8**	*	30	MS-09, R-06
Fluorene	1.53	0.75	mg/Kg dry	1.83	ND	83.7		40-140	29.0		30	
Hexachlorobenzene	1.09	1.5	mg/Kg dry	1.83	ND	59.6		40-140	0.269		30	
Hexachlorobutadiene	1.03	1.5	mg/Kg dry	1.83	ND	56.6		40-140	5.64		30	
Hexachlorocyclopentadiene	ND	1.5	mg/Kg dry	1.83	ND		*	40-140	NC		30	MS-09
Hexachloroethane	0.686	1.5	mg/Kg dry	1.83	ND	**37.5**	*	40-140	4.58		30	MS-09
Indeno(1,2,3-cd)pyrene	5.80	0.75	mg/Kg dry	1.83	5.57	**12.8**	*	40-140	**31.3**	*	30	MS-09, R-06
Isophorone	1.09	1.5	mg/Kg dry	1.83	ND	59.4		40-140	1.08		30	
2-Methylnaphthalene	1.07	0.75	mg/Kg dry	1.83	ND	58.4		40-140	1.10		30	
2-Methylphenol	0.846	1.5	mg/Kg dry	1.83	ND	46.2		30-130	3.90		30	
3/4-Methylphenol	0.943	1.5	mg/Kg dry	1.83	ND	51.5		30-130	2.61		30	
Naphthalene	1.07	0.75	mg/Kg dry	1.83	ND	58.6		40-140	5.90		30	
2-Nitroaniline	1.16	1.5	mg/Kg dry	1.83	ND	63.3		40-140	2.74		30	
3-Nitroaniline	1.03	1.5	mg/Kg dry	1.83	ND	56.4		40-140	2.52		30	
4-Nitroaniline	1.15	1.5	mg/Kg dry	1.83	ND	62.8		40-140	4.69		30	
Nitrobenzene	1.14	1.5	mg/Kg dry	1.83	ND	62.2		40-140	4.34		30	
2-Nitrophenol	0.667	1.5	mg/Kg dry	1.83	ND	36.5		30-130	7.80		30	
4-Nitrophenol	1.24	2.9	mg/Kg dry	1.83	ND	67.8		30-130	0.949		30	
N-Nitrosodiphenylamine	1.16	1.5	mg/Kg dry	1.83	ND	63.4		40-140	5.64		30	
N-Nitrosodi-n-propylamine	1.03	1.5	mg/Kg dry	1.83	ND	56.2		40-140	1.55		30	
Pentachloronitrobenzene	0.935	1.5	mg/Kg dry	1.83	ND	51.1		40-140	6.51		30	V-16
Pentachlorophenol	0.542	1.5	mg/Kg dry	1.83	ND	**29.6**	*	30-130	5.77		30	MS-08
Phenanthrene	20.0	0.75	mg/Kg dry	1.83	6.77	**721**	*	40-140	**79.2**	*	30	MS-08, R-06
Phenol	0.922	1.5	mg/Kg dry	1.83	ND	50.4		30-130	6.60		30	
Pyrene	37.9	0.75	mg/Kg dry	1.83	21.8	**879**	*	40-140	**52.2**	*	30	MS-09, R-06
Pyridine	0.634	1.5	mg/Kg dry	1.83	ND	**34.6**	*	40-140	13.6		30	MS-09
1,2,4,5-Tetrachlorobenzene	0.925	1.5	mg/Kg dry	1.83	ND	50.6		40-140	1.27		30	
1,2,4-Trichlorobenzene	1.01	1.5	mg/Kg dry	1.83	ND	55.0		40-140	2.30		30	
2,4,5-Trichlorophenol	0.907	1.5	mg/Kg dry	1.83	ND	49.6		30-130	5.34		30	
2,4,6-Trichlorophenol	0.899	1.5	mg/Kg dry	1.83	ND	49.1		30-130	10.3		30	
Surrogate: 2-Fluorophenol	*3.82*		mg/Kg dry	7.32		52.2		30-130				
Surrogate: Phenol-d6	*4.00*		mg/Kg dry	7.32		54.6		30-130				
Surrogate: Nitrobenzene-d5	*2.22*		mg/Kg dry	3.66		60.6		30-130				
Surrogate: 2-Fluorobiphenyl	*2.07*		mg/Kg dry	3.66		56.4		30-130				
Surrogate: 2,4,6-Tribromophenol	*4.67*		mg/Kg dry	7.32		63.8		30-130				
Surrogate: p-Terphenyl-d14	*2.67*		mg/Kg dry	3.66		73.1		30-130				

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185576 - SW-846 3540C										
Blank (B185576-BLK1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.214*		mg/Kg wet	0.200		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene	*0.209*		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.209*		mg/Kg wet	0.200		105	30-150			
LCS (B185576-BS1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		101	40-140			
Aroclor-1016 [2C]	0.19	0.020	mg/Kg wet	0.200		95.4	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.1	40-140			
Aroclor-1260 [2C]	0.16	0.020	mg/Kg wet	0.200		81.3	40-140			
Surrogate: Decachlorobiphenyl	*0.209*		mg/Kg wet	0.200		105	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.204*		mg/Kg wet	0.200		102	30-150			
Surrogate: Tetrachloro-m-xylene	*0.206*		mg/Kg wet	0.200		103	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.206*		mg/Kg wet	0.200		103	30-150			
LCS Dup (B185576-BSD1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		95.0	40-140	6.46	30	
Aroclor-1016 [2C]	0.18	0.020	mg/Kg wet	0.200		90.1	40-140	5.67	30	
Aroclor-1260	0.16	0.020	mg/Kg wet	0.200		79.8	40-140	9.91	30	
Aroclor-1260 [2C]	0.15	0.020	mg/Kg wet	0.200		73.5	40-140	10.0	30	
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg wet	0.200		89.3	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.175*		mg/Kg wet	0.200		87.4	30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg wet	0.200		96.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.196*		mg/Kg wet	0.200		98.2	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B185576 - SW-846 3540C											
Matrix Spike (B185576-MS1)		**Source: 17H1544-01**		Prepared: 09/06/17 Analyzed: 09/10/17							
Aroclor-1016	0.32	0.46	mg/Kg dry	0.228	ND	139		40-140			
Aroclor-1016 [2C]	0.32	0.46	mg/Kg dry	0.228	ND	140		40-140			
Aroclor-1260	1.8	0.46	mg/Kg dry	0.228	1.7	46.8		40-140			MS-19
Aroclor-1260 [2C]	1.8	0.46	mg/Kg dry	0.228	1.7	41.5		40-140			MS-19
Surrogate: Decachlorobiphenyl	*0.183*		mg/Kg dry	0.228		80.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.210*		mg/Kg dry	0.228		92.3		30-150			
Surrogate: Tetrachloro-m-xylene	*0.210*		mg/Kg dry	0.228		92.2		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.232*		mg/Kg dry	0.228		102		30-150			
Matrix Spike Dup (B185576-MSD1)		**Source: 17H1544-01**		Prepared: 09/06/17 Analyzed: 09/10/17							
Aroclor-1016	0.27	0.45	mg/Kg dry	0.226	ND	118		40-140	17.6	50	
Aroclor-1016 [2C]	0.30	0.45	mg/Kg dry	0.226	ND	132		40-140	6.89	50	
Aroclor-1260	1.4	0.45	mg/Kg dry	0.226	1.7	**-158**	*	40-140	28.9	50	MS-19
Aroclor-1260 [2C]	1.4	0.45	mg/Kg dry	0.226	1.7	**-154**	*	40-140	28.0	50	MS-19
Surrogate: Decachlorobiphenyl	*0.179*		mg/Kg dry	0.226		79.2		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.223*		mg/Kg dry	0.226		98.7		30-150			
Surrogate: Tetrachloro-m-xylene	*0.195*		mg/Kg dry	0.226		86.4		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.216*		mg/Kg dry	0.226		96.0		30-150			
Batch B185577 - SW-846 3540C											
Blank (B185577-BLK1)				Prepared: 09/06/17 Analyzed: 09/09/17							
Aroclor-1016	ND	0.10	mg/Kg								
Aroclor-1016 [2C]	ND	0.10	mg/Kg								
Aroclor-1221	ND	0.10	mg/Kg								
Aroclor-1221 [2C]	ND	0.10	mg/Kg								
Aroclor-1232	ND	0.10	mg/Kg								
Aroclor-1232 [2C]	ND	0.10	mg/Kg								
Aroclor-1242	ND	0.10	mg/Kg								
Aroclor-1242 [2C]	ND	0.10	mg/Kg								
Aroclor-1248	ND	0.10	mg/Kg								
Aroclor-1248 [2C]	ND	0.10	mg/Kg								
Aroclor-1254	ND	0.10	mg/Kg								
Aroclor-1254 [2C]	ND	0.10	mg/Kg								
Aroclor-1260	ND	0.10	mg/Kg								
Aroclor-1260 [2C]	ND	0.10	mg/Kg								
Aroclor-1262	ND	0.10	mg/Kg								
Aroclor-1262 [2C]	ND	0.10	mg/Kg								
Aroclor-1268	ND	0.10	mg/Kg								
Aroclor-1268 [2C]	ND	0.10	mg/Kg								
Surrogate: Decachlorobiphenyl	*1.01*		mg/Kg	1.00		101		30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.12*		mg/Kg	1.00		112		30-150			
Surrogate: Tetrachloro-m-xylene	*0.888*		mg/Kg	1.00		88.8		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.941*		mg/Kg	1.00		94.1		30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185577 - SW-846 3540C										
LCS (B185577-BS1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.97	0.10	mg/Kg	1.00		96.5	40-140			
Aroclor-1016 [2C]	1.0	0.10	mg/Kg	1.00		104	40-140			
Aroclor-1260	0.92	0.10	mg/Kg	1.00		92.2	40-140			
Aroclor-1260 [2C]	1.0	0.10	mg/Kg	1.00		99.8	40-140			
Surrogate: Decachlorobiphenyl	*1.08*		mg/Kg	1.00		108	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.22*		mg/Kg	1.00		122	30-150			
Surrogate: Tetrachloro-m-xylene	*0.957*		mg/Kg	1.00		95.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*1.01*		mg/Kg	1.00		101	30-150			
LCS Dup (B185577-BSD1)				Prepared: 09/06/17 Analyzed: 09/09/17						
Aroclor-1016	0.92	0.10	mg/Kg	1.00		92.4	40-140	4.34	30	
Aroclor-1016 [2C]	1.0	0.10	mg/Kg	1.00		102	40-140	1.96	30	
Aroclor-1260	0.91	0.10	mg/Kg	1.00		90.7	40-140	1.61	30	
Aroclor-1260 [2C]	0.99	0.10	mg/Kg	1.00		98.8	40-140	1.02	30	
Surrogate: Decachlorobiphenyl	*1.07*		mg/Kg	1.00		107	30-150			
Surrogate: Decachlorobiphenyl [2C]	*1.20*		mg/Kg	1.00		120	30-150			
Surrogate: Tetrachloro-m-xylene	*0.929*		mg/Kg	1.00		92.9	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.987*		mg/Kg	1.00		98.7	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185490 - SW-846 3546										
Blank (B185490-BLK1)				Prepared: 09/05/17 Analyzed: 09/07/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.17*		mg/Kg wet	3.33		95.2	50-150			
LCS (B185490-BS1)				Prepared: 09/05/17 Analyzed: 09/07/17						
CT ETPH	23.1	10	mg/Kg wet	33.3		69.3	60-120			
Surrogate: o-Terphenyl	*3.34*		mg/Kg wet	3.33		100	50-150			
LCS Dup (B185490-BSD1)				Prepared: 09/05/17 Analyzed: 09/07/17						
CT ETPH	23.0	10	mg/Kg wet	33.3		69.1	60-120	0.254	30	
Surrogate: o-Terphenyl	*3.11*		mg/Kg wet	3.33		93.2	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185230 - SW-846 7471										
Blank (B185230-BLK1)				Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B185230-BS1)				Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	9.79	2.0	mg/Kg wet	9.36		105	73.7-126.3			
LCS Dup (B185230-BSD1)				Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	11.2	1.9	mg/Kg wet	9.36		119	73.7-126.3	13.2	30	
Duplicate (B185230-DUP1)		**Source: 17H1544-01**		Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	0.123	0.028	mg/Kg dry		0.119			3.15	35	
Matrix Spike (B185230-MS1)		**Source: 17H1544-01**		Prepared: 08/30/17 Analyzed: 09/05/17						
Mercury	0.312	0.028	mg/Kg dry	0.186	0.119	104	75-125			
Batch B185527 - SW-846 3050B										
Blank (B185527-BLK1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B185527-BS1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Antimony	64.8	4.8	mg/Kg wet	146		44.4	0-210.3			
Arsenic	144	4.8	mg/Kg wet	157		91.7	77.8-122.1			
Barium	312	4.8	mg/Kg wet	339		92.1	82-117.4			
Beryllium	54.0	0.48	mg/Kg wet	58.3		92.7	82.3-117.7			
Cadmium	193	0.48	mg/Kg wet	216		89.3	81.9-118.2			
Chromium	82.1	0.96	mg/Kg wet	88.9		92.3	78.7-120.6			
Copper	173	0.96	mg/Kg wet	184		94.2	80.4-119.6			
Lead	87.7	1.4	mg/Kg wet	94.3		93.0	82.4-117.8			
Nickel	143	0.96	mg/Kg wet	154		92.8	82.2-117.8			
Selenium	184	9.6	mg/Kg wet	207		89.1	77.1-122.3			
Silver	40.7	0.96	mg/Kg wet	43.8		92.9	74.3-125.4			
Thallium	144	4.8	mg/Kg wet	167		86.3	78.2-121.6			
Vanadium	82.7	1.9	mg/Kg wet	100		82.7	64.8-135.2			
Zinc	201	1.9	mg/Kg wet	209		96.0	79.7-120.8			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185527 - SW-846 3050B										
LCS Dup (B185527-BSD1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Antimony	64.4	5.0	mg/Kg wet	146		44.1	0-210.3	0.641	30	
Arsenic	139	5.0	mg/Kg wet	157		88.5	77.8-122.1	3.60	30	
Barium	304	5.0	mg/Kg wet	339		89.5	82-117.4	2.82	30	
Beryllium	53.2	0.50	mg/Kg wet	58.3		91.2	82.3-117.7	1.63	30	
Cadmium	189	0.50	mg/Kg wet	216		87.7	81.9-118.2	1.76	30	
Chromium	79.5	1.0	mg/Kg wet	88.9		89.5	78.7-120.6	3.14	30	
Copper	170	1.0	mg/Kg wet	184		92.6	80.4-119.6	1.71	30	
Lead	87.2	1.5	mg/Kg wet	94.3		92.4	82.4-117.8	0.599	30	
Nickel	139	1.0	mg/Kg wet	154		90.3	82.2-117.8	2.69	30	
Selenium	177	10	mg/Kg wet	207		85.3	77.1-122.3	4.30	30	
Silver	40.0	1.0	mg/Kg wet	43.8		91.4	74.3-125.4	1.69	30	
Thallium	141	5.0	mg/Kg wet	167		84.6	78.2-121.6	1.99	30	
Vanadium	81.7	2.0	mg/Kg wet	100		81.7	64.8-135.2	1.26	30	
Zinc	196	2.0	mg/Kg wet	209		93.8	79.7-120.8	2.31	30	
MRL Check (B185527-MRL1)				Prepared: 09/05/17 Analyzed: 09/06/17						
Lead	0.901	0.75	mg/Kg wet	0.750		120	80-120			

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185325 - % Solids										
Duplicate (B185325-DUP3)		**Source: 17H1544-01**		Prepared: 08/31/17 Analyzed: 09/01/17						
% Solids	85.1		% Wt		87.8			3.12	20	
Duplicate (B185325-DUP4)		**Source: 17H1544-02**		Prepared: 08/31/17 Analyzed: 09/01/17						
% Solids	59.0		% Wt		60.2			2.01	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-26

Lab Sample ID: 17H1544-01

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.7	
	2	0.000	-0.030	0.030	1.7	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-27

Lab Sample ID: 17H1544-02

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.0	
	2	0.000	-0.030	0.030	4.9	2.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-28

Lab Sample ID: 17H1544-03

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.26	
	2	0.000	-0.030	0.030	0.26	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-29

Lab Sample ID: 17H1544-04

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.40	
	2	0.000	-0.030	0.030	0.40	0.0
Aroclor-1268	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.13	26.7

con-test® ANALYTICAL LABORATORY

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-30

Lab Sample ID: 17H1544-05

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.46	
	2	0.000	-0.030	0.030	0.43	6.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-31

Lab Sample ID: 17H1544-06

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	9.8	
	2	0.000	-0.030	0.030	9.2	6.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC3-SE-6

Lab Sample ID: 17H1544-07

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	7.5	
	2	0.000	-0.030	0.030	7.1	5.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-16

Lab Sample ID: 17H1544-08

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	2300	
	2	0.000	-0.030	0.030	2100	9.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-17

Lab Sample ID: 17H1544-09

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	14	
	2	0.000	-0.030	0.030	13	7.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

AS-AOC8-SE-18

Lab Sample ID: 17H1544-10

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.7	
	2	0.000	-0.030	0.030	5.5	3.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-19

Lab Sample ID: 17H1544-11

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.5	
	2	0.000	-0.030	0.030	1.4	6.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-SE-24

Lab Sample ID: 17H1544-12

Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.32	
	2	0.000	-0.030	0.030	0.32	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-CO-26

Lab Sample ID: 17H1544-13

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.96	
	2	0.000	0.000	0.000	1.1	13.6

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-CO-27

Lab Sample ID: 17H1544-14

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.85	
	2	0.000	0.000	0.000	0.93	9.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-CO-29

Lab Sample ID: 17H1544-15

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	2.7	
	2	0.000	0.000	0.000	2.9	7.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-16

Lab Sample ID: 17H1544-16

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	1700	
	2	0.000	0.000	0.000	1800	5.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-17

Lab Sample ID: 17H1544-17

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	1.9	
	2	0.000	0.000	0.000	1.7	11.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-18

Lab Sample ID: 17H1544-18

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	2.0	
	2	0.000	0.000	0.000	1.9	5.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC8-CO-19

Lab Sample ID: 17H1544-19

Date(s) Analyzed: 09/09/2017 09/09/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	0.000	0.000	0.74	
	2	0.000	0.000	0.000	0.79	6.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SE-Dup1

Lab Sample ID: 17H1544-20 Date(s) Analyzed: 09/10/2017 09/10/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.6	
	2	0.000	-0.030	0.030	1.5	6.5

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
DL-04	Elevated reporting limit due to high concentration of an interfering analyte(s).
E	Reported result is estimated. Value reported over verified calibration range.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
MS-08	Matrix spike recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-09	Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
MS-19	Sample to spike ratio is greater than or equal to 4:1. Spiked amount is not representative of the native amount in the sample. Appropriate or meaningful recoveries cannot be calculated.
R-06	Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Product/Solid	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8082A in Soil	
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Chloromethane	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
p-Isopropyltoluene (p-Cymene)	NH,NY
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY
Methylene Chloride	CT,NH,NY,ME
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Acenaphthylene	CT,NY,NH
Aniline	NY,NH
Anthracene	CT,NY,NH
Benzo(a)anthracene	CT,NY,NH
Benzo(a)pyrene	CT,NY,NH
Benzo(b)fluoranthene	CT,NY,NH
Benzo(g,h,i)perylene	CT,NY,NH
Benzo(k)fluoranthene	CT,NY,NH
Bis(2-chloroethoxy)methane	CT,NY,NH
Bis(2-chloroethyl)ether	CT,NY,NH
Bis(2-chloroisopropyl)ether	CT,NY,NH
Bis(2-Ethylhexyl)phthalate	CT,NY,NH
4-Bromophenylphenylether	CT,NY,NH
Butylbenzylphthalate	CT,NY,NH
4-Chloroaniline	CT,NY,NH
4-Chloro-3-methylphenol	CT,NY,NH
2-Chloronaphthalene	CT,NY,NH
2-Chlorophenol	CT,NY,NH
4-Chlorophenylphenylether	CT,NY,NH
Chrysene	CT,NY,NH
Dibenz(a,h)anthracene	CT,NY,NH
Dibenzofuran	CT,NY,NH
Di-n-butylphthalate	CT,NY,NH
1,2-Dichlorobenzene	NY,NH
1,3-Dichlorobenzene	NY,NH
1,4-Dichlorobenzene	NY,NH
3,3-Dichlorobenzidine	CT,NY,NH
2,4-Dichlorophenol	CT,NY,NH
Diethylphthalate	CT,NY,NH
2,4-Dimethylphenol	CT,NY,NH
Dimethylphthalate	CT,NY,NH
4,6-Dinitro-2-methylphenol	CT,NY,NH
2,4-Dinitrophenol	CT,NY,NH
2,4-Dinitrotoluene	CT,NY,NH
2,6-Dinitrotoluene	CT,NY,NH
Di-n-octylphthalate	CT,NY,NH
Fluoranthene	CT,NY,NH
Fluorene	NY,NH
Hexachlorobenzene	CT,NY,NH
Hexachlorobutadiene	CT,NY,NH
Hexachlorocyclopentadiene	CT,NY,NH
Hexachloroethane	CT,NY,NH
Indeno(1,2,3-cd)pyrene	CT,NY,NH
Isophorone	CT,NY,NH
2-Methylnaphthalene	CT,NY,NH
2-Methylphenol	CT,NY,NH
3/4-Methylphenol	CT,NY,NH

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Naphthalene	CT,NY,NH
2-Nitroaniline	CT,NY,NH
3-Nitroaniline	CT,NY,NH
4-Nitroaniline	CT,NY,NH
Nitrobenzene	CT,NY,NH
2-Nitrophenol	CT,NY,NH
4-Nitrophenol	CT,NY,NH
N-Nitrosodiphenylamine	CT,NY,NH
N-Nitrosodi-n-propylamine	CT,NY,NH
Pentachloronitrobenzene	NY
Pentachlorophenol	CT,NY,NH
Phenanthrene	CT,NY,NH
Phenol	CT,NY,NH
Pyrene	CT,NY,NH
Pyridine	CT,NY,NH
1,2,4,5-Tetrachlorobenzene	NY
1,2,4-Trichlorobenzene	CT,NY,NH
2,4,5-Trichlorophenol	CT,NY,NH
2,4,6-Trichlorophenol	CT,NY,NH

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17H1544

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs (soil/sed)	TPH	RSR 15 Metals	SVOCs	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
1	WS-AOC13-SE-26	8/29/17	0900		X	S	U	X	X	X	X	X			
2	WS-AOC13-SE-27		0930					X	X	X	X	X			
3	WS-AOC13-SE-28		0945					X	X	X	X	X			
4	WS-AOC13-SE-29		1000					X	X	X	X	X			
5	WS-AOC13-SE-30		1015					X	X	X	X	X			
6	WS-AOC13-SE-31		1030					X	X	X	X	X			
7	WS-AOC3-SE-6		1045					X	X	X	X	X			
8	WS-AOC8-SE-16		1200					X	X	X	X	X			
9	WS-AOC8-SE-17		1215					X	X	X	X	X			
10	WS-AOC8-SE-18		1230					X	X	X	X	X			

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) 8/29/17	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 1505
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 1720
Relinquished by: (signature)	Date/Time: 8/29/17 530
Received by: (signature) 2-4	Date/Time: 8/29/17 1730

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information 8/29/17 1730
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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17H1544

con-test ANALYTICAL LABORATORY

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Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	PCBs (soxhlet)	ETPH	RSR 15 metals	SVOCs	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC8-SE-19	8/29/17	1245		X	S	U	X	X	X	X	X			
12	WS-AOC8-SE-24		1300		X	S	U	X	X	X	X	X			
13	WS-AOC13-Co-26		910			O		X							
14	WS-AOC13-Co-27		940					X							
15	WS-AOC13-Co-29		1005					X							
16	WS-AOC8-Co-16		1205					X							
17	WS-AOC8-Co-17		1220					X							
18	WS-AOC8-Co-18		1235					X							
19	WS-AOC8-Co-19		1250					X							
20	WS-AOC13-SE-Dup1		—			S		X	X	X	X	X			

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) Concrete

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) 8/29/17	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 1505
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 8/29/17 420
Relinquished by: (signature)	Date/Time: 8/29/17 5:20
Received by: (signature) 2.4	Date/Time: 8/29/17 1730

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
8/29/17 1730
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/29/17 Time 1730

How were the samples received? In Cooler T No Cooler ___ On Ice T No Ice ___
Direct from Sampling ___ Ambient ___ Melted Ice ___

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 2.4
By Blank # ___ Actual Temp - ___

Was Custody Seal Intact? N/A Were Samples Tampered with? N/A
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ___
Are there Rushes? N/A Who was notified? ___
Are there Short Holds? N/A Who was notified? ___
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ___ Base ___

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	26
Meoh-	13	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	7
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	26	Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/29/17 1730	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A090817\A0908004.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/8/17
Data File Name	A0908004.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	541174	590138	-8
c - 10	1.64	549205	590138	-7
c - 12	2.37	570790	590138	-3
c - 14	3.04	588545	590138	0
c - 16	3.65	606275	590138	3
c - 18	4.29	603163	590138	2
o-Terphenyl	4.57	671009	590138	
c - 20	4.89	614278	590138	4
c - 22	5.40	628020	590138	6
c - 24	5.83	588777	590138	0
c - 26	6.23	620968	590138	5
c - 28	6.59	612017	590138	4
c - 30	6.92	601286	590138	2
c - 32	7.24	579458	590138	-2
c - 34	7.53	575320	590138	-3
c - 36	7.87	572788	590138	-3

* One compound allowed %D <= 50%

Samples

17H1660-05@10X
17H1544-02@10X

D:\HPCHEM\1\DATA\A090717.SEC\A0907051.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/7/17
Data File Name	A0907051.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	492390	513022	-4
c - 10	1.62	497817	513022	-3
c - 12	2.34	511550	513022	0
c - 14	3.01	521030	513022	2
c - 16	3.61	531350	513022	4
c - 18	4.23	523098	513022	2
o-Terphenyl	4.51	581697	513022	
c - 20	4.83	527200	513022	3
c - 22	5.34	533805	513022	4
c - 24	5.77	500511	513022	-2
c - 26	6.17	522595	513022	2
c - 28	6.52	515407	513022	0
c - 30	6.86	512082	513022	0
c - 32	7.17	498488	513022	-3
c - 34	7.46	502952	513022	-2
c - 36	7.77	505050	513022	-2

* One compound allowed %D <= 50%

Samples

17H1544-01@20X
17H1544-03@50X
17H1544-04@50X
17H1544-05@50X
17H1544-06@50X
17H1544-07@50X
17H1544-08@50X
17H1544-09@50X
17H1544-10@50X
17H1544-12@50X
17H1544-20@20X

D:\HPCHEM\1\DATA\A090717.SEC\A0907107.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	9/8/17
Data File Name	A0907107.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	633604	668690	-5
c - 10	1.63	642603	668690	-4
c - 12	2.35	661457	668690	-1
c - 14	3.01	675114	668690	1
c - 16	3.61	691044	668690	3
c - 18	4.23	682814	668690	2
o-Terphenyl	4.51	760564	668690	
c - 20	4.83	689419	668690	3
c - 22	5.34	698070	668690	4
c - 24	5.77	652285	668690	-2
c - 26	6.17	681611	668690	2
c - 28	6.52	673200	668690	1
c - 30	6.86	670545	668690	0
c - 32	7.16	656318	668690	-2
c - 34	7.46	660463	668690	-1
c - 36	7.77	661808	668690	-1

* One compound allowed %D <= 50%

Samples

17H1579-01RE1
17H1544-11
17H1621-18@20X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H1544

Laboratory Sample ID(s):

17H1544-01 thru 17H1544-20

Sample Date(s):

08/29/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7470A, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☑ Yes ☐ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **09/12/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 11, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H1605

Enclosed are results of analyses for samples received by the laboratory on August 30, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/11/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1605

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC3-SO-1-2	17H1605-01	Soil		SM 2540G	
				SW-846 6020A-B	
WS-AOC3-SO-1-3	17H1605-02	Soil		SM 2540G	
				SW-846 6020A-B	
WS-AOC3-SO-2-2	17H1605-03	Soil		SM 2540G	
				SW-846 6020A-B	
WS-AOC3-SO-2-3	17H1605-04	Soil		SM 2540G	
				SW-846 6020A-B	
WS-AOC3-SO-2-4	17H1605-05	Soil		SM 2540G	
				SW-846 6020A-B	

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6020, only a select list of metals was requested and reported.

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H1605-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	8/31/17	8/31/17 10:33	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-1-2 Sampled: 8/1/2017 10:05

Sample ID: 17H1605-01

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:51	WSD
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:51	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:51	WSD

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H1605-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.2		% Wt	1		SM 2540G	8/31/17	8/31/17 10:33	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-1-3 Sampled: 8/1/2017 10:10

Sample ID: 17H1605-02

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	9/7/17	9/7/17 14:55	WSD
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:54	WSD
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/7/17	9/7/17 14:55	WSD
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:54	WSD
Nickel	ND	25	µg/L	5		SW-846 6020A-B	9/7/17	9/7/17 14:55	WSD
Nickel	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:54	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/8/17 20:54	WSD

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H1605-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.0		% Wt	1		SM 2540G	8/31/17	8/31/17 10:33	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-2-2 Sampled: 8/1/2017 10:30

Sample ID: 17H1605-03

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:23	WSD
Vanadium	27	25	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:23	WSD

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H1605-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.6		% Wt	1		SM 2540G	8/31/17	8/31/17 10:33	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-2-3 Sampled: 8/1/2017 10:34

Sample ID: 17H1605-04

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Beryllium	ND	2.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:34	WSD
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:34	WSD
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:34	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:34	WSD

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H1605-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	57.0		% Wt	1		SM 2540G	8/31/17	8/31/17 10:33	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1605

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-2-4 Sampled: 8/1/2017 10:38

Sample ID: 17H1605-05

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Beryllium	ND	2.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:37	WSD
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:37	WSD
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:37	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:37	WSD

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H1605-01 [WS-AOC3-SO-1-2]	B183482	08/31/17
17H1605-02 [WS-AOC3-SO-1-3]	B183482	08/31/17
17H1605-03 [WS-AOC3-SO-2-2]	B183482	08/31/17
17H1605-04 [WS-AOC3-SO-2-3]	B183482	08/31/17
17H1605-05 [WS-AOC3-SO-2-4]	B183482	08/31/17

Prep Method: SW-846 3010A-SW-846 6020A-B **Leachates were extracted on 9/5/2017 per SW-846 1312 in Batch B185509**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17H1605-01 [WS-AOC3-SO-1-2]	B185650	50.0	50.0	09/06/17
17H1605-02 [WS-AOC3-SO-1-3]	B185650	50.0	50.0	09/06/17
17H1605-03 [WS-AOC3-SO-2-2]	B185650	50.0	50.0	09/06/17
17H1605-04 [WS-AOC3-SO-2-3]	B185650	50.0	50.0	09/06/17
17H1605-05 [WS-AOC3-SO-2-4]	B185650	50.0	50.0	09/06/17

Prep Method: SW-846 3010A-SW-846 6020A-B **Leachates were extracted on 9/5/2017 per SW-846 1312 in Batch B185509**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17H1605-02RE1 [WS-AOC3-SO-1-3]	B185720	50.0	50.0	09/07/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185650 - SW-846 3010A										
Blank (B185650-BLK1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Beryllium	ND	2.0	µg/L							
Chromium	ND	5.0	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
Vanadium	ND	25	µg/L							
LCS (B185650-BS1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Beryllium	220	2.0	µg/L	250		88.1	80-120			
Chromium	251	5.0	µg/L	250		100	80-120			
Lead	248	5.0	µg/L	250		99.4	80-120			
Nickel	251	25	µg/L	250		101	80-120			
Vanadium	236	25	µg/L	250		94.3	80-120			
LCS Dup (B185650-BSD1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Beryllium	222	2.0	µg/L	250		88.9	80-120	0.959	20	
Chromium	257	5.0	µg/L	250		103	80-120	2.45	20	
Lead	251	5.0	µg/L	250		100	80-120	1.05	20	
Nickel	254	25	µg/L	250		102	80-120	1.18	20	
Vanadium	241	25	µg/L	250		96.2	80-120	2.05	20	
Matrix Spike (B185650-MS1)	**Source: 17H1605-03**			Prepared: 09/06/17 Analyzed: 09/07/17						
Lead	252	5.0	µg/L	250	4.47	99.0	75-125			
Vanadium	262	25	µg/L	250	26.7	94.2	75-125			
Matrix Spike Dup (B185650-MSD1)	**Source: 17H1605-03**			Prepared: 09/06/17 Analyzed: 09/07/17						
Lead	253	5.0	µg/L	250	4.47	99.5	75-125	0.437	20	
Vanadium	263	25	µg/L	250	26.7	94.6	75-125	0.391	20	
Batch B185720 - SW-846 3010A										
Blank (B185720-BLK1)				Prepared & Analyzed: 09/07/17						
Chromium	ND	5.0	µg/L							
Lead	ND	5.0	µg/L							
Nickel	ND	25	µg/L							
LCS (B185720-BS1)				Prepared & Analyzed: 09/07/17						
Chromium	270	5.0	µg/L	250		108	80-120			
Lead	267	5.0	µg/L	250		107	80-120			
Nickel	273	25	µg/L	250		109	80-120			
LCS Dup (B185720-BSD1)				Prepared & Analyzed: 09/07/17						
Chromium	270	5.0	µg/L	250		108	80-120	0.169	20	
Lead	263	5.0	µg/L	250		105	80-120	1.45	20	
Nickel	272	25	µg/L	250		109	80-120	0.658	20	

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185720 - SW-846 3010A										
Matrix Spike (B185720-MS1)		**Source: 17H1605-02RE1**		Prepared & Analyzed: 09/07/17						
Chromium	281	5.0	µg/L	250	ND	112	75-125			
Lead	275	5.0	µg/L	250	2.11	109	75-125			
Nickel	278	25	µg/L	250	ND	111	75-125			
Matrix Spike Dup (B185720-MSD1)		**Source: 17H1605-02RE1**		Prepared & Analyzed: 09/07/17						
Chromium	272	5.0	µg/L	250	ND	109	75-125	3.12	20	
Lead	269	5.0	µg/L	250	2.11	107	75-125	2.31	20	
Nickel	272	25	µg/L	250	ND	109	75-125	2.27	20	

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17H0058

17H1605

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con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metal	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
01	WS-AOC9-SO-31-1	8/1/17	9:50		X	S	U	X								
02	WS-AOC9-SO-31-2		9:51					X								
	~~WS-AOC9-SO-31-3~~															
03	WS-AOC9-SO-30-1		9:40					X								
04	WS-AOC9-SO-30-2		9:42					X								
05	WS-AOC9-SO-30-3A		9:44					X								
06	WS-AOC9-SO-30-3B		9:46						X	X						
07	WS-AOC3-SO-1-1		10:04					X								
08	WS-AOC3-SO-1-2		10:05					X		X	X	X	X			
09	WS-AOC3-SO-1-3		10:10					X		X	X	X	X			

Comments:
WS-AOC 3-SO-1-3 (MS-MSD) VOCs only
Please hold excess volumes for possible SPLP analyses

Re-log: Run Sample 7 for SPLP chromium, lead, and vanadium. Run sample 8 for the previous but include Nickel too per client request - EES 8/30/17

Please use the following codes to indicate possible sample concentration

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17 5PM
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc # 381 Rev 0 5 8 2015

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
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Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metal	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
10	WS-AOC3-SO-2-1	8/1/17	10:26		X	S	U	X								
11	WS-AOC3-SO-2-2	↓	10:30		↓	↓	↓	X		X	X	X	X			
12	WS-AOC3-SO-2-3		10:34					X		X	X	X	X			
13	WS-AOC3-SO-2-4		10:38					X		X	X	X	X			
14	WS-AOC9-SO-48-1		10:40					X								
15	WS-AOC9-SO-48-2		10:42					X								
16	WS-AOC9-SO-48-3		10:44					X								
17	WS-AOC9-SO-48-4A		10:46					X								
18	WS-AOC9-SO-48-4B		10:48						X	X						
19	WS-AOC9-SO-47-1	↓	11:00		↓	↓	↓	X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
WS-AOC3-SO-2-2 (MS-MSD) All ~~comp~~ except VOC!
Please hold excess volumes for possible SPLP analyses.
WS-AOC3-SO-47-1 (MS-MSD)

Re-log: Run Sample 11 for SPLP Lead and Vanadium, run sample 12 and 13 for beryllium, chromium, lead, and vanadium per client request - EES 8/30/17

Relinquished by: (signature)	Date/Time:
	8/1/17 1525
Received by: (signature)	Date/Time:
	8/1/17 1525
Relinquished by: (signature)	Date/Time:
	8/1/17 OPL
Received by: (signature) 3.9	Date/Time:
	8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

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39 Spruce St.
East Longmeadow, MA. 01028
P: 413-525-2332
F: 413-525-6405
www.contestlabs.com

con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/1/17 Time 1700

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.9, 2.8, 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? T
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	29
Meoh-	7	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	14	Other Plastic		Other Glass		Encore	2
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/1/17 1700	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H1605

Laboratory Sample ID(s):

17H1605-01 thru 17H1605-05

Sample Date(s):

08/01/2017

List RCP Methods Used:

SW-846 6020A-B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **09/11/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 11, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H1607

Enclosed are results of analyses for samples received by the laboratory on August 30, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/11/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1607

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC3-SO-3-2	17H1607-01	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6020A-B	
WS-AOC3-SO-3-3	17H1607-02	Soil		SM 2540G	
				SW-846 1312	
				SW-846 6020A-B	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6020, only a select list of metals was requested and reported.

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1607

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H1607-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.3		% Wt	1		SM 2540G	9/5/17	9/5/17 8:30	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1607

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-3-2 Sampled: 8/1/2017 11:11

Sample ID: 17H1607-01

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	250	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:44	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:44	WSD

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1607

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H1607-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.2		% Wt	1		SM 2540G	9/5/17	9/5/17 8:30	MRL

con-test® ANALYTICAL LABORATORY

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1607

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-3-3 Sampled: 8/1/2017 11:12

Sample ID: 17H1607-02

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Chromium	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:47	WSD
Lead	ND	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:47	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:47	WSD

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H1607-01 [WS-AOC3-SO-3-2]	B183482	09/05/17
17H1607-02 [WS-AOC3-SO-3-3]	B183482	09/05/17

Prep Method: SW-846 3010A-SW-846 6020A-B **Leachates were extracted on 9/5/2017 per SW-846 1312 in Batch B185509**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17H1607-01 [WS-AOC3-SO-3-2]	B185650	50.0	50.0	09/06/17
17H1607-02 [WS-AOC3-SO-3-3]	B185650	50.0	50.0	09/06/17

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185650 - SW-846 3010A										
Blank (B185650-BLK1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Chromium	ND	5.0	µg/L							
Lead	ND	5.0	µg/L							
Vanadium	ND	25	µg/L							
LCS (B185650-BS1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Chromium	251	5.0	µg/L	250		100	80-120			
Lead	248	5.0	µg/L	250		99.4	80-120			
Vanadium	236	25	µg/L	250		94.3	80-120			
LCS Dup (B185650-BSD1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Chromium	257	5.0	µg/L	250		103	80-120	2.45	20	
Lead	251	5.0	µg/L	250		100	80-120	1.05	20	
Vanadium	241	25	µg/L	250		96.2	80-120	2.05	20	

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
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Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

17H0059 MB

17H1607

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1] Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	SVOCs	RSR 15 Metals	VOCs			Pb Solids	Pb Paint			# of Containers
01	WS-AOC 9-SO-47-2	8/1/17	11:02		X	S	U	X												
02	WS-AOC 9-SO-47-3A		11:04					X												
03	WS-AOC 9-SO-47-3B		11:06						X	X										
04	WS-AOC 3-SO-3-1		11:10					X												
05-01	WS-AOC 3-SO-3-2		11:11					X		X	X	X	X				X			
06-02	WS-AOC 3-SO-3-3		11:12					X		X	X	X	X			X	X			
07	WS-AOC 3-SO-3-4		11:13					X		X	X	X								
08	WS-AOC 9-SO-45-1		11:40					X												
09	WS-AOC 9-SO-45-2		11:42					X												
10	WS-AOC 9-SO-45-3A		11:44					X												

Comments:
WS-AOC9-SO-45-2 (MS-MSD)
Please hold excess volumes for possible SPLP analyses.

Activate per Loren McGrath-MG 8/30/2017

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17 1700
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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17H0059

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CHAIN OF CUSTODY RECORD

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Fax: 413-525-6405
Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
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Project Name:	English Station
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Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC9-SO-45-3B	8/1/17	11:46		X	S	U		X	X			
12	WS-AOC9-SO-34-1	↓	11:43		↓	↓	↓	X					
13	WS-AOC9-SO-34-2		11:44					X					
14	WS-AOC9-SO-34-3		11:45					X	X	X			
15	WS-AOC9-SO-46-1		12:00					X					
16	WS-AOC9-SO-46-2A		12:02					X					
17	WS-AOC9-SO-46-2B		12:04						X	X			
18	WS-AOC9-SO-46-3		12:06					X					
19	WS-AOC9-SO-33-1		12:00					X					
20	WS-AOC9-SO-33-2	↓	12:01		↓	↓	↓	X					

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 8/1/17 1505
Received by: (signature)	Date/Time: 8/1/17 1505
Relinquished by: (signature)	Date/Time: 8/1/17 1505
Received by: (signature) 3.9	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

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Received By JM Date 8/1/17 Time 1700

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Direct from Sampling ___ Ambient ___ Melted Ice ___

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.9, 2.8, 3.2
By Blank # ___ Actual Temp - ___

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ___
Are there Rushes? N/A Who was notified? ___
Are there Short Holds? N/A Who was notified? ___
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? T
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ___ Base ___

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	26
Meoh-	2	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	4	Other Plastic		Other Glass		Encore	2
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/1/17 1700	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H1607

Laboratory Sample ID(s):

17H1607-01 thru 17H1607-02

Sample Date(s):

08/01/2017

List RCP Methods Used:

SW-846 1312, SW-846 6020A-B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Tod Kopyscinski **Position:** **Laboratory Director**

Printed Name: **Tod E. Kopyscinski** **Date:** **09/11/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

September 11, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17H1611

Enclosed are results of analyses for samples received by the laboratory on August 30, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 9/11/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17H1611

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC3-SO-DUP-40	17H1611-01	Soil		SM 2540G	
				SW-846 6020A-B	

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 6020, only a select list of metals was requested and reported.

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Tod E. Kopyscinski
Laboratory Director

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1611

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H1611-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	97.6		% Wt	1		SM 2540G	9/5/17	9/5/17 8:30	MRL

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17H1611

Date Received: 8/30/2017

Field Sample #: WS-AOC3-SO-DUP-40 Sampled: 8/1/2017 00:00

Sample ID: 17H1611-01

Sample Matrix: Soil

SPLP - Metals Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Lead	250	5.0	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:54	WSD
Vanadium	ND	25	µg/L	5		SW-846 6020A-B	9/6/17	9/7/17 20:54	WSD

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Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17H1611-01 [WS-AOC3-SO-DUP-40]	B183482	09/05/17

Prep Method: SW-846 3010A-SW-846 6020A-B **Leachates were extracted on 9/5/2017 per SW-846 1312 in Batch B185509**

Lab Number [Field ID]	Batch	Initial [mL]	Final [mL]	Date
17H1611-01 [WS-AOC3-SO-DUP-40]	B185650	50.0	50.0	09/06/17

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QUALITY CONTROL

SPLP - Metals Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B185650 - SW-846 3010A										
Blank (B185650-BLK1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Lead	ND	5.0	µg/L							
Vanadium	ND	25	µg/L							
LCS (B185650-BS1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Lead	248	5.0	µg/L	250		99.4	80-120			
Vanadium	236	25	µg/L	250		94.3	80-120			
LCS Dup (B185650-BSD1)				Prepared: 09/06/17 Analyzed: 09/07/17						
Lead	251	5.0	µg/L	250		100	80-120	1.05	20	
Vanadium	241	25	µg/L	250		96.2	80-120	2.05	20	

con-test® ANALYTICAL LABORATORY

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level

Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.

No results have been blank subtracted unless specified in the case narrative section.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications

No certified Analyses included in this Report

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

con-test ANALYTICAL LABORATORY
Phone: 413-525-2332
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Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB	PAH	ETPH	SVOCs	RSR 15 Metal	VOCs		Arsenic				# of Containers	[2] Preservation Code	[3] Container Code
06	WS-AOC9-SO-DUP-39	8/1/17			X	S	U	X													
07	WS-AOC3-SO-DUP-40							X		X	X	X	X		X						
08	WS-AOC9-SO-DUP-41							X													
09	WS-AOC9-SO-DUP-42							X													
10	WS-AOC9-SO-DUP-43							X	X	X											
11	WS-AOC9-SO-DUP-44							X													

-01

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1525
Relinquished by: (signature)	Date/Time: 8/1/17
Received by: (signature)	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

PLEASE BE CAREFUL NOT TO CONTAMINATE THIS DOCUMENT

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con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

17H00064

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCB
01	WS-AOC12W-CO-116	8/1/17	14:50		X	O		X
02	WS-AOC12W-CO-117		14:55					X
03	WS-AOC12W-CO-118		14:40					X
04	WS-AOC12W-CO-119		14:35					X
05	WS-AOC12W-CO-120		14:30					X

# of Containers	
[2] Preservation Code	
[3] Container Code	

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] Preservation Codes:
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] Container Codes:
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 8/1/17 1525
Received by: (signature)	Date/Time: 8/1/17 1556
Relinquished by: (signature)	Date/Time: 8/1/17 1700
Received by: (signature)	Date/Time: 8/1/17 1700
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
8/1/17 1700
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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P: 413-525-2332
F: 413-525-6405
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con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 8/1/17 Time 1700

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 3.9, 2.8, 3.2
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	7
Meoh-	1	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	5
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	2	Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 8/1/17 1700	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17H1611

Laboratory Sample ID(s):

17H1611-01

Sample Date(s):

08/01/2017

List RCP Methods Used:

SW-846 6020A-B

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☑ Yes ☐ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Tod Kopyscinski **Position:** **Laboratory Director**

Printed Name: **Tod E. Kopyscinski** **Date:** **09/11/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 16, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17G1254

Enclosed are results of analyses for samples received by the laboratory on July 27, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/16/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1254

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC13-SO-24-4B	17G1254-01	Soil		SM 2540G	
				SW-846 8270D	
WS-AOC13-SO-23-1A	17G1254-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC13-SO-23-1B	17G1254-03	Soil		SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
WS-AOC13-SO-23-2	17G1254-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC13-SO-23-3	17G1254-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-1-1	17G1254-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-1-2A	17G1254-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-1-2B	17G1254-08	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC7-SO-1-3	17G1254-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-7-1	17G1254-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-7-2	17G1254-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-7-3A	17G1254-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-7-3B	17G1254-13	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC7-SO-8-1	17G1254-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-8-2	17G1254-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-8-3	17G1254-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-8-4A	17G1254-17	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-8-4B	17G1254-18	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
WS-AOC7-SO-4-1	17G1254-19	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl
17G1254-08[WS-AOC7-SO-1-2B]

SW-846 8082A

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
17G1254-09[WS-AOC7-SO-1-3], 17G1254-10[WS-AOC7-SO-7-1], 17G1254-11[WS-AOC7-SO-7-2], 17G1254-12[WS-AOC7-SO-7-3A], 17G1254-14[WS-AOC7-SO-8-1], 17G1254-15[WS-AOC7-SO-8-2], 17G1254-16[WS-AOC7-SO-8-3]

Decachlorobiphenyl [2C]
17G1254-09[WS-AOC7-SO-1-3], 17G1254-10[WS-AOC7-SO-7-1], 17G1254-11[WS-AOC7-SO-7-2], 17G1254-12[WS-AOC7-SO-7-3A], 17G1254-14[WS-AOC7-SO-8-1], 17G1254-15[WS-AOC7-SO-8-2], 17G1254-16[WS-AOC7-SO-8-3]

Tetrachloro-m-xylene
17G1254-09[WS-AOC7-SO-1-3], 17G1254-10[WS-AOC7-SO-7-1], 17G1254-11[WS-AOC7-SO-7-2], 17G1254-12[WS-AOC7-SO-7-3A], 17G1254-14[WS-AOC7-SO-8-1], 17G1254-15[WS-AOC7-SO-8-2], 17G1254-16[WS-AOC7-SO-8-3]

Tetrachloro-m-xylene [2C]
17G1254-09[WS-AOC7-SO-1-3], 17G1254-10[WS-AOC7-SO-7-1], 17G1254-11[WS-AOC7-SO-7-2], 17G1254-12[WS-AOC7-SO-7-3A], 17G1254-14[WS-AOC7-SO-8-1], 17G1254-15[WS-AOC7-SO-8-2], 17G1254-16[WS-AOC7-SO-8-3]

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-24-4B Sampled: 7/27/2017 09:52

Sample ID: 17G1254-01

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Acenaphthylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Benzo(a)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Benzo(a)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Benzo(b)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Benzo(g,h,i)perylene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Benzo(k)fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Chrysene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Dibenz(a,h)anthracene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Fluoranthene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Fluorene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Indeno(1,2,3-cd)pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
2-Methylnaphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Naphthalene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Phenanthrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL
Pyrene	ND	0.19	mg/Kg dry	1		SW-846 8270D	8/3/17	8/5/17 15:09	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	46.0	30-130		8/5/17 15:09
2-Fluorobiphenyl	57.9	30-130		8/5/17 15:09
p-Terphenyl-d14	67.7	30-130		8/5/17 15:09

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-24-4B Sampled: 7/27/2017 09:52

Sample ID: 17G1254-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-1A Sampled: 7/27/2017 10:00

Sample ID: 17G1254-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1221 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1232 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1242 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1248 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1254 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1260 [1]	1.5	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1262 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG
Aroclor-1268 [1]	ND	0.21	mg/Kg dry	10		SW-846 8082A	8/4/17	8/15/17 7:51	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	93.8	30-150		8/15/17 7:51
Decachlorobiphenyl [2]	88.7	30-150		8/15/17 7:51
Tetrachloro-m-xylene [1]	85.3	30-150		8/15/17 7:51
Tetrachloro-m-xylene [2]	93.6	30-150		8/15/17 7:51

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-1A Sampled: 7/27/2017 10:00

Sample ID: 17G1254-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-1B Sampled: 7/27/2017 10:02

Sample ID: 17G1254-03

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Arsenic	3.6	2.6	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Barium	34	2.6	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Beryllium	ND	0.26	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Cadmium	ND	0.26	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Chromium	7.5	0.52	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Copper	150	0.52	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Lead	72	0.78	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Mercury	0.081	0.026	mg/Kg dry	1		SW-846 7471B	8/3/17	8/5/17 13:09	TJK
Nickel	12	0.52	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Selenium	ND	5.2	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Silver	ND	0.52	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Thallium	ND	2.6	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Vanadium	45	1.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW
Zinc	81	1.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:30	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-1B Sampled: 7/27/2017 10:02

Sample ID: 17G1254-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.8		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-2 Sampled: 7/27/2017 10:04

Sample ID: 17G1254-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1221 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1232 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1242 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1248 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1254 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1260 [2]	3.6	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1262 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG
Aroclor-1268 [1]	ND	0.59	mg/Kg dry	25		SW-846 8082A	8/4/17	8/15/17 8:03	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	73.4	30-150		8/15/17 8:03
Decachlorobiphenyl [2]	84.3	30-150		8/15/17 8:03
Tetrachloro-m-xylene [1]	63.2	30-150		8/15/17 8:03
Tetrachloro-m-xylene [2]	68.3	30-150		8/15/17 8:03

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-2 Sampled: 7/27/2017 10:04

Sample ID: 17G1254-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.5		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-3 Sampled: 7/27/2017 10:05

Sample ID: 17G1254-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1260 [1]	1.1	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/14/17 23:48	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.0	30-150		8/14/17 23:48
Decachlorobiphenyl [2]	101	30-150		8/14/17 23:48
Tetrachloro-m-xylene [1]	82.6	30-150		8/14/17 23:48
Tetrachloro-m-xylene [2]	89.0	30-150		8/14/17 23:48

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC13-SO-23-3 Sampled: 7/27/2017 10:05

Sample ID: 17G1254-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.0		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-1 Sampled: 7/27/2017 10:30

Sample ID: 17G1254-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1260 [2]	0.13	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:05	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	80.5	30-150		8/15/17 0:05
Decachlorobiphenyl [2]	75.5	30-150		8/15/17 0:05
Tetrachloro-m-xylene [1]	74.7	30-150		8/15/17 0:05
Tetrachloro-m-xylene [2]	80.3	30-150		8/15/17 0:05

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-1 Sampled: 7/27/2017 10:30

Sample ID: 17G1254-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-2A Sampled: 7/27/2017 10:32

Sample ID: 17G1254-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 0:22	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	87.7	30-150		8/15/17 0:22
Decachlorobiphenyl [2]	82.4	30-150		8/15/17 0:22
Tetrachloro-m-xylene [1]	77.7	30-150		8/15/17 0:22
Tetrachloro-m-xylene [2]	85.7	30-150		8/15/17 0:22

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-2A Sampled: 7/27/2017 10:32

Sample ID: 17G1254-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.3		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-2B Sampled: 7/27/2017 10:34

Sample ID: 17G1254-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	2000	500	mg/Kg dry	20		CTDEP ETPH	8/3/17	8/4/17 21:56	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/4/17 21:56

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-2B Sampled: 7/27/2017 10:34

Sample ID: 17G1254-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.3		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-3 Sampled: 7/27/2017 10:36

Sample ID: 17G1254-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1221 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1232 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1242 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1248 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1254 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1260 [1]	24	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1262 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG
Aroclor-1268 [1]	ND	5.9	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 8:15	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 8:15
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 8:15
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 8:15
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 8:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-1-3 Sampled: 7/27/2017 10:36

Sample ID: 17G1254-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-1 Sampled: 7/27/2017 10:37

Sample ID: 17G1254-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1254 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1260 [1]	12	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/15/17 8:27	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 8:27
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 8:27
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 8:27
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 8:27

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-1 Sampled: 7/27/2017 10:37

Sample ID: 17G1254-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-2 Sampled: 7/27/2017 10:38

Sample ID: 17G1254-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1260 [1]	8.2	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:39	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 8:39
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 8:39
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 8:39
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 8:39

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-2 Sampled: 7/27/2017 10:38

Sample ID: 17G1254-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-3A Sampled: 7/27/2017 10:39

Sample ID: 17G1254-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1221 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1232 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1242 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1248 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1254 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1260 [1]	10	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1262 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG
Aroclor-1268 [1]	ND	1.2	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 8:51	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 8:51
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 8:51
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 8:51
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 8:51

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-3A Sampled: 7/27/2017 10:39

Sample ID: 17G1254-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.7		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-3B Sampled: 7/27/2017 10:40

Sample ID: 17G1254-13

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	290	120	mg/Kg dry	10		CTDEP ETPH	8/3/17	8/4/17 22:14	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	88.1	50-150		8/4/17 22:14

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-7-3B Sampled: 7/27/2017 10:40

Sample ID: 17G1254-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-1 Sampled: 7/27/2017 10:53

Sample ID: 17G1254-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1260 [1]	5.5	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/15/17 9:04	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 9:04
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 9:04
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 9:04
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 9:04

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-1 Sampled: 7/27/2017 10:53

Sample ID: 17G1254-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.0		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-2 Sampled: 7/27/2017 10:54

Sample ID: 17G1254-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1221 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1232 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1242 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1248 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1254 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1260 [1]	44	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1262 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG
Aroclor-1268 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/4/17	8/15/17 9:16	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 9:16
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 9:16
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 9:16
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 9:16

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-2 Sampled: 7/27/2017 10:54

Sample ID: 17G1254-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.4		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-3 Sampled: 7/27/2017 10:55

Sample ID: 17G1254-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1221 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1232 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1242 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1248 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1254 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1260 [1]	17	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1262 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG
Aroclor-1268 [1]	ND	5.7	mg/Kg dry	250		SW-846 8082A	8/4/17	8/15/17 9:28	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/15/17 9:28
Decachlorobiphenyl [2]	*	30-150	S-01	8/15/17 9:28
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/15/17 9:28
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/15/17 9:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-3 Sampled: 7/27/2017 10:55

Sample ID: 17G1254-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.4		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-4A Sampled: 7/27/2017 10:56

Sample ID: 17G1254-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1260 [1]	0.21	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 9:40	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	96.0	30-150		8/15/17 9:40
Decachlorobiphenyl [2]	88.5	30-150		8/15/17 9:40
Tetrachloro-m-xylene [1]	86.6	30-150		8/15/17 9:40
Tetrachloro-m-xylene [2]	93.6	30-150		8/15/17 9:40

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-4A Sampled: 7/27/2017 10:56

Sample ID: 17G1254-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-4B Sampled: 7/27/2017 10:57

Sample ID: 17G1254-18

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	16	13	mg/Kg dry	1		CTDEP ETPH	8/3/17	8/4/17 23:07	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	62.8	50-150		8/4/17 23:07

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-4B Sampled: 7/27/2017 10:57

Sample ID: 17G1254-18

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	3.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Arsenic	ND	3.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Barium	12	3.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Beryllium	ND	0.30	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Cadmium	ND	0.30	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Chromium	6.7	0.60	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Copper	7.5	0.60	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Lead	7.5	0.90	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Mercury	ND	0.31	mg/Kg dry	1		SW-846 7471B	8/3/17	8/5/17 13:11	TJK
Nickel	160	0.60	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Selenium	ND	6.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Silver	ND	0.60	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Thallium	ND	3.0	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Vanadium	110	1.2	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW
Zinc	63	1.2	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:35	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-8-4B Sampled: 7/27/2017 10:57

Sample ID: 17G1254-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	79.8		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-1 Sampled: 7/27/2017 11:06

Sample ID: 17G1254-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/15/17 3:44	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.7	30-150		8/15/17 3:44
Decachlorobiphenyl [2]	87.0	30-150		8/15/17 3:44
Tetrachloro-m-xylene [1]	86.8	30-150		8/15/17 3:44
Tetrachloro-m-xylene [2]	94.0	30-150		8/15/17 3:44

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1254

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-1 Sampled: 7/27/2017 11:06

Sample ID: 17G1254-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.3		% Wt	1		SM 2540G	8/3/17	8/4/17 7:53	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1254-08 [WS-AOC7-SO-1-2B]	B183209	30.0	2.00	08/03/17
17G1254-13 [WS-AOC7-SO-7-3B]	B183209	30.0	1.00	08/03/17
17G1254-18 [WS-AOC7-SO-8-4B]	B183209	30.0	1.00	08/03/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G1254-01 [WS-AOC13-SO-24-4B]	B183218	08/03/17
17G1254-02 [WS-AOC13-SO-23-1A]	B183218	08/03/17
17G1254-03 [WS-AOC13-SO-23-1B]	B183218	08/03/17
17G1254-04 [WS-AOC13-SO-23-2]	B183218	08/03/17
17G1254-05 [WS-AOC13-SO-23-3]	B183218	08/03/17
17G1254-06 [WS-AOC7-SO-1-1]	B183218	08/03/17
17G1254-07 [WS-AOC7-SO-1-2A]	B183218	08/03/17
17G1254-08 [WS-AOC7-SO-1-2B]	B183218	08/03/17
17G1254-09 [WS-AOC7-SO-1-3]	B183218	08/03/17
17G1254-10 [WS-AOC7-SO-7-1]	B183218	08/03/17
17G1254-11 [WS-AOC7-SO-7-2]	B183218	08/03/17
17G1254-12 [WS-AOC7-SO-7-3A]	B183218	08/03/17
17G1254-13 [WS-AOC7-SO-7-3B]	B183218	08/03/17
17G1254-14 [WS-AOC7-SO-8-1]	B183218	08/03/17
17G1254-15 [WS-AOC7-SO-8-2]	B183218	08/03/17
17G1254-16 [WS-AOC7-SO-8-3]	B183218	08/03/17
17G1254-17 [WS-AOC7-SO-8-4A]	B183218	08/03/17
17G1254-18 [WS-AOC7-SO-8-4B]	B183218	08/03/17
17G1254-19 [WS-AOC7-SO-4-1]	B183218	08/03/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1254-03 [WS-AOC13-SO-23-1B]	B183203	1.03	50.0	08/03/17
17G1254-18 [WS-AOC7-SO-8-4B]	B183203	1.05	50.0	08/03/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1254-03 [WS-AOC13-SO-23-1B]	B183214	0.620	50.0	08/03/17
17G1254-18 [WS-AOC7-SO-8-4B]	B183214	0.0605	50.0	08/03/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1254-02 [WS-AOC13-SO-23-1A]	B183351	10.0	10.0	08/04/17
17G1254-04 [WS-AOC13-SO-23-2]	B183351	10.0	10.0	08/04/17
17G1254-05 [WS-AOC13-SO-23-3]	B183351	10.0	10.0	08/04/17
17G1254-06 [WS-AOC7-SO-1-1]	B183351	10.0	10.0	08/04/17
17G1254-07 [WS-AOC7-SO-1-2A]	B183351	10.0	10.0	08/04/17
17G1254-09 [WS-AOC7-SO-1-3]	B183351	10.0	10.0	08/04/17
17G1254-10 [WS-AOC7-SO-7-1]	B183351	10.0	10.0	08/04/17
17G1254-11 [WS-AOC7-SO-7-2]	B183351	10.0	10.0	08/04/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1254-12 [WS-AOC7-SO-7-3A]	B183351	10.0	10.0	08/04/17
17G1254-14 [WS-AOC7-SO-8-1]	B183351	10.0	10.0	08/04/17
17G1254-15 [WS-AOC7-SO-8-2]	B183351	10.0	10.0	08/04/17
17G1254-16 [WS-AOC7-SO-8-3]	B183351	10.0	10.0	08/04/17
17G1254-17 [WS-AOC7-SO-8-4A]	B183351	10.0	10.0	08/04/17
17G1254-19 [WS-AOC7-SO-4-1]	B183351	10.0	10.0	08/04/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1254-01 [WS-AOC13-SO-24-4B]	B183204	30.0	1.00	08/03/17

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
Blank (B183204-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.15*		mg/Kg wet	3.33		64.4	30-130			
Surrogate: p-Terphenyl-d14	*2.52*		mg/Kg wet	3.33		75.7	30-130			
LCS (B183204-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140			
Acenaphthylene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140			
Anthracene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(a)pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.2	40-140			
Benzo(g,h,i)perylene	0.934	0.17	mg/Kg wet	1.67		56.0	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140			
Chrysene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140			
Dibenz(a,h)anthracene	0.917	0.17	mg/Kg wet	1.67		55.0	40-140			
Fluoranthene	1.03	0.17	mg/Kg wet	1.67		62.0	40-140			
Fluorene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140			
Indeno(1,2,3-cd)pyrene	0.941	0.17	mg/Kg wet	1.67		56.5	40-140			
2-Methylnaphthalene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140			
Naphthalene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140			
Phenanthrene	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Surrogate: Nitrobenzene-d5	*2.64*		mg/Kg wet	3.33		79.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.63*		mg/Kg wet	3.33		78.9	30-130			
Surrogate: p-Terphenyl-d14	*2.55*		mg/Kg wet	3.33		76.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
LCS Dup (B183204-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.00	0.17	mg/Kg wet	1.67		60.3	40-140	8.39	30	
Acenaphthylene	1.00	0.17	mg/Kg wet	1.67		60.1	40-140	10.1	30	
Anthracene	1.01	0.17	mg/Kg wet	1.67		60.9	40-140	6.27	30	
Benzo(a)anthracene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140	6.55	30	
Benzo(a)pyrene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140	4.07	30	
Benzo(b)fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6	40-140	5.53	30	
Benzo(g,h,i)perylene	0.891	0.17	mg/Kg wet	1.67		53.5	40-140	4.68	30	
Benzo(k)fluoranthene	1.06	0.17	mg/Kg wet	1.67		63.8	40-140	2.69	30	
Chrysene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	5.47	30	
Dibenz(a,h)anthracene	0.882	0.17	mg/Kg wet	1.67		52.9	40-140	3.89	30	
Fluoranthene	0.965	0.17	mg/Kg wet	1.67		57.9	40-140	6.90	30	
Fluorene	1.01	0.17	mg/Kg wet	1.67		60.8	40-140	11.1	30	
Indeno(1,2,3-cd)pyrene	0.869	0.17	mg/Kg wet	1.67		52.1	40-140	7.96	30	
2-Methylnaphthalene	1.04	0.17	mg/Kg wet	1.67		62.7	40-140	13.3	30	
Naphthalene	0.964	0.17	mg/Kg wet	1.67		57.8	40-140	14.1	30	
Phenanthrene	1.01	0.17	mg/Kg wet	1.67		60.7	40-140	7.46	30	
Pyrene	1.07	0.17	mg/Kg wet	1.67		64.0	40-140	6.35	30	
Surrogate: Nitrobenzene-d5	*2.27*		mg/Kg wet	3.33		68.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.38*		mg/Kg wet	3.33		71.4	30-130			
Surrogate: p-Terphenyl-d14	*2.40*		mg/Kg wet	3.33		72.1	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183351 - SW-846 3540C										
Blank (B183351-BLK1)				Prepared: 08/04/17 Analyzed: 08/14/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.182*		mg/Kg wet	0.200		90.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.169*		mg/Kg wet	0.200		84.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.159*		mg/Kg wet	0.200		79.6	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.167*		mg/Kg wet	0.200		83.6	30-150			
LCS (B183351-BS1)				Prepared: 08/04/17 Analyzed: 08/14/17						
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		96.1	40-140			
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		98.3	40-140			
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		93.1	40-140			
Aroclor-1260 [2C]	0.17	0.020	mg/Kg wet	0.200		87.4	40-140			
Surrogate: Decachlorobiphenyl	*0.218*		mg/Kg wet	0.200		109	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg wet	0.200		101	30-150			
Surrogate: Tetrachloro-m-xylene	*0.186*		mg/Kg wet	0.200		92.8	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.4	30-150			
LCS Dup (B183351-BSD1)				Prepared: 08/04/17 Analyzed: 08/14/17						
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		94.5	40-140	1.61	30	
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		98.6	40-140	0.260	30	
Aroclor-1260	0.19	0.020	mg/Kg wet	0.200		93.4	40-140	0.315	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		87.9	40-140	0.476	30	
Surrogate: Decachlorobiphenyl	*0.212*		mg/Kg wet	0.200		106	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.196*		mg/Kg wet	0.200		98.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg wet	0.200		92.1	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.192*		mg/Kg wet	0.200		95.9	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183351 - SW-846 3540C										
Matrix Spike (B183351-MS1)		**Source: 17G1254-05**		Prepared: 08/04/17 Analyzed: 08/15/17						
Aroclor-1016	0.30	0.12	mg/Kg dry	0.244	ND	121	40-140			
Aroclor-1016 [2C]	0.32	0.12	mg/Kg dry	0.244	ND	129	40-140			
Aroclor-1260	1.2	0.12	mg/Kg dry	0.244	1.1	46.3	40-140			
Aroclor-1260 [2C]	1.2	0.12	mg/Kg dry	0.244	1.0	46.8	40-140			
Surrogate: Decachlorobiphenyl	*0.232*		mg/Kg dry	0.244		95.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.240*		mg/Kg dry	0.244		98.2	30-150			
Surrogate: Tetrachloro-m-xylene	*0.216*		mg/Kg dry	0.244		88.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.238*		mg/Kg dry	0.244		97.7	30-150			
Matrix Spike Dup (B183351-MSD1)		**Source: 17G1254-05**		Prepared: 08/04/17 Analyzed: 08/15/17						
Aroclor-1016	0.32	0.12	mg/Kg dry	0.244	ND	132	40-140	8.34	50	
Aroclor-1016 [2C]	0.31	0.12	mg/Kg dry	0.244	ND	126	40-140	2.73	50	
Aroclor-1260	1.2	0.12	mg/Kg dry	0.244	1.1	53.6	40-140	1.52	50	
Aroclor-1260 [2C]	1.2	0.12	mg/Kg dry	0.244	1.0	58.6	40-140	2.45	50	
Surrogate: Decachlorobiphenyl	*0.236*		mg/Kg dry	0.244		96.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.244*		mg/Kg dry	0.244		100	30-150			
Surrogate: Tetrachloro-m-xylene	*0.222*		mg/Kg dry	0.244		91.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.236*		mg/Kg dry	0.244		96.9	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183209 - SW-846 3546										
Blank (B183209-BLK1)				Prepared & Analyzed: 08/03/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.17*		mg/Kg wet	3.33		65.2	50-150			
LCS (B183209-BS1)				Prepared & Analyzed: 08/03/17						
CT ETPH	21.7	10	mg/Kg wet	33.3		65.2	60-120			
Surrogate: o-Terphenyl	*2.25*		mg/Kg wet	3.33		67.5	50-150			
LCS Dup (B183209-BSD1)				Prepared & Analyzed: 08/03/17						
CT ETPH	22.9	10	mg/Kg wet	33.3		68.8	60-120	5.37	30	
Surrogate: o-Terphenyl	*2.32*		mg/Kg wet	3.33		69.5	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183203 - SW-846 3050B										
Blank (B183203-BLK1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B183203-BS1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	72.0	5.0	mg/Kg wet	88.2		81.6	0-210.3			
Arsenic	55.2	5.0	mg/Kg wet	57.0		96.8	77.8-122.1			
Barium	108	5.0	mg/Kg wet	110		98.2	82-117.4			
Beryllium	68.1	0.50	mg/Kg wet	67.5		101	82.3-117.7			
Cadmium	77.4	0.50	mg/Kg wet	77.8		99.5	81.9-118.2			
Chromium	63.7	1.0	mg/Kg wet	65.0		97.9	78.7-120.6			
Copper	58.6	1.0	mg/Kg wet	56.4		104	80.4-119.6			
Lead	84.3	1.5	mg/Kg wet	85.6		98.5	82.4-117.8			
Nickel	59.7	1.0	mg/Kg wet	61.3		97.3	82.2-117.8			
Selenium	75.4	10	mg/Kg wet	78.9		95.6	77.1-122.3			
Silver	54.1	1.0	mg/Kg wet	54.2		99.7	74.3-125.4			
Thallium	192	5.0	mg/Kg wet	178		108	78.2-121.6			
Vanadium	54.6	2.0	mg/Kg wet	56.3		96.9	64.8-135.2			
Zinc	191	2.0	mg/Kg wet	198		96.5	79.7-120.8			
LCS Dup (B183203-BSD1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	69.8	5.1	mg/Kg wet	88.2		79.1	0-210.3	3.12	30	
Arsenic	56.0	5.1	mg/Kg wet	57.0		98.2	77.8-122.1	1.41	30	
Barium	106	5.1	mg/Kg wet	110		96.6	82-117.4	1.62	30	
Beryllium	67.7	0.51	mg/Kg wet	67.5		100	82.3-117.7	0.566	30	
Cadmium	78.4	0.51	mg/Kg wet	77.8		101	81.9-118.2	1.24	30	
Chromium	62.3	1.0	mg/Kg wet	65.0		95.8	78.7-120.6	2.18	30	
Copper	58.8	1.0	mg/Kg wet	56.4		104	80.4-119.6	0.296	30	
Lead	82.9	1.5	mg/Kg wet	85.6		96.9	82.4-117.8	1.69	30	
Nickel	60.9	1.0	mg/Kg wet	61.3		99.3	82.2-117.8	2.05	30	
Selenium	75.6	10	mg/Kg wet	78.9		95.8	77.1-122.3	0.247	30	
Silver	53.7	1.0	mg/Kg wet	54.2		99.1	74.3-125.4	0.626	30	
Thallium	189	5.1	mg/Kg wet	178		106	78.2-121.6	1.54	30	
Vanadium	52.7	2.0	mg/Kg wet	56.3		93.5	64.8-135.2	3.54	30	
Zinc	190	2.0	mg/Kg wet	198		96.1	79.7-120.8	0.393	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183203 - SW-846 3050B										
MRL Check (B183203-MRL1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Lead	0.863	0.72	mg/Kg wet	0.722		120	80-120			
Batch B183214 - SW-846 7471										
Blank (B183214-BLK1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B183214-BS1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	9.76	1.9	mg/Kg wet	9.36		104	73.7-126.3			
LCS Dup (B183214-BSD1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	9.10	1.9	mg/Kg wet	9.36		97.2	73.7-126.3	7.05	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183218 - % Solids										
Duplicate (B183218-DUP4)		**Source: 17G1254-04**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	85.8		% Wt		84.5			1.53	20	
Duplicate (B183218-DUP5)		**Source: 17G1254-05**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	81.1		% Wt		82.0			1.10	20	
Duplicate (B183218-DUP6)		**Source: 17G1254-06**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	94.6		% Wt		94.0			0.636	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SO-23-1A

Lab Sample ID: 17G1254-02

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.5	
	2	0.000	-0.030	0.030	1.5	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SO-23-2

Lab Sample ID: 17G1254-04

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	3.4	
	2	0.000	-0.030	0.030	3.6	5.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC13-SO-23-3

Lab Sample ID: 17G1254-05

Date(s) Analyzed: 08/14/2017 08/14/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.1	
	2	0.000	-0.030	0.030	1.0	9.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-1-1

Lab Sample ID: 17G1254-06

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.13	
	2	0.000	-0.030	0.030	0.13	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-1-3

Lab Sample ID: 17G1254-09

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	24	
	2	0.000	-0.030	0.030	24	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-7-1

Lab Sample ID: 17G1254-10

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	12	
	2	0.000	-0.030	0.030	12	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-7-2

Lab Sample ID: 17G1254-11

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	8.2	
	2	0.000	-0.030	0.030	7.7	6.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-7-3A

Lab Sample ID: 17G1254-12

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	10	
	2	0.000	-0.030	0.030	9.7	3.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-8-1

Lab Sample ID: 17G1254-14

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	5.5	
	2	0.000	-0.030	0.030	5.3	3.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-8-2

Lab Sample ID: 17G1254-15

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	44	
	2	0.000	-0.030	0.030	43	2.3

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-8-3

Lab Sample ID: 17G1254-16

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	17	
	2	0.000	-0.030	0.030	17	0.0

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-8-4A

Lab Sample ID: 17G1254-17

Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.21	
	2	0.000	-0.030	0.030	0.20	4.9

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B183351-BS1

Date(s) Analyzed: 08/14/2017 08/14/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.20	5.1
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.17	11.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B183351-BSD1 Date(s) Analyzed: 08/14/2017 08/14/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.20	5.1
Aroclor-1260	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.18	5.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B183351-MS1 Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.30	
	2	0.000	-0.030	0.030	0.32	6.5
Aroclor-1260	1	0.000	-0.030	0.030	1.2	
	2	0.000	-0.030	0.030	1.2	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B183351-MSD1 Date(s) Analyzed: 08/15/2017 08/15/2017

Instrument ID (1): Instrument ID (2):

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.32	
	2	0.000	-0.030	0.030	0.31	3.2
Aroclor-1260	1	0.000	-0.030	0.030	1.2	
	2	0.000	-0.030	0.030	1.2	0.0

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8270D in Soil	
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
SW-846 8270D in Water	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

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con-test ANALYTICAL LABORATORY

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Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metals	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
	~~WS-AOC13~~															
1	WS-AOC13-SO-24-4B	7/27/17	9:52		X	S	U		X							
2	WS-AOC13-SO-23-1A		10:00					X	X							
3	WS-AOC13-SO-23-1B		10:02					X				X				
4	WS-AOC13-SO-23-2		10:04					X	X							
5	WS-AOC13-SO-23-3		10:05					X	X							
6	WS-AOC7-SO-1-1		10:30					X								
7	WS-AOC7-SO-1-2A		10:32					X								
8	WS-AOC7-SO-1-2B		10:34							X						
9	WS-AOC7-SO-1-3		10:36					X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
WS-AOC13-SO-23-3 (MS-MSD)
Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/27/17	1525
Received by: (signature) [signature]	Date/Time: 7/27/17 1525
Relinquished by: (signature) [signature] 7-27-17	Date/Time: 7:45
Received by: (signature) [signature] 7/27/17	Date/Time: 1985
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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17G1254

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Doc # 381 Rev 0 5 8 2015

con-test ANALYTICAL LABORATORY

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Email: info@contestlabs.com

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	Coplanar PCBs	PAHs	ETPH	SVOCs	RSR 15 Metals	VOCs						# of Containers	[2] Preservation Code	[3] Container Code
10	WS-AOC7-SO-7-1	7/27/17	10:37		X	S	U	X													
11	WS-AOC7-SO-7-2		10:38					X													
12	WS-AOC7-SO-7-3A		10:39					X													
13	WS-AOC7-SO-7-3B		10:40							X											
14	WS-AOC7-SO-8-1		10:53					X													
15	WS-AOC7-SO-8-2		10:54					X													
16	WS-AOC7-SO-8-3		10:55					X													
17	WS-AOC7-SO-8-4A		10:56					X													
18	WS-AOC7-SO-8-4B		10:57							X		X									
19	WS-AOC7-SO-4-1		11:06					X													

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) _____

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I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define) _____

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define) _____

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
7/27/17	1525
Received by: (signature)	Date/Time:
	7/27/17 1525
Relinquished by: (signature)	Date/Time:
7-27-17	7:45
Received by: (signature)	Date/Time:
7/27/17	1945
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 7/27/17 Time 1945

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 4.0, 2.3, 2.1
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? ~~N/A~~ T (JM)
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	22
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A080417\A0804042.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/4/17
Data File Name	A0804042.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	496930	540759	-8
c - 10	1.43	504684	540759	-7
c - 12	2.16	531774	540759	-2
c - 14	2.84	548652	540759	1
c - 16	3.44	561658	540759	4
c - 18	4.02	556185	540759	3
o-Terphenyl	4.30	591043	540759	
c - 20	4.63	564764	540759	4
c - 22	5.15	571232	540759	6
c - 24	5.60	531546	540759	-2
c - 26	6.00	557639	540759	3
c - 28	6.36	545631	540759	1
c - 30	6.69	541457	540759	0
c - 32	7.00	529841	540759	-2
c - 34	7.30	534051	540759	-1
c - 36	7.58	535342	540759	-1

* One compound allowed %D <= 50%

Samples

17G1258-10
17G1258-11
17G1188-01
17G1188-02
17G1188-03

D:\HPCHEM\1\DATA\A080417\A0804078.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/4/17
Data File Name	A0804078.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.07	451447	495950	-9
c - 10	1.43	453087	495950	-9
c - 12	2.16	479235	495950	-3
c - 14	2.84	491947	495950	-1
c - 16	3.44	506893	495950	2
c - 18	4.02	504487	495950	2
o-Terphenyl	4.31	554881	495950	
c - 20	4.63	517031	495950	4
c - 22	5.15	526767	495950	6
c - 24	5.60	494638	495950	0
c - 26	5.99	520797	495950	5
c - 28	6.35	509017	495950	3
c - 30	6.69	504152	495950	2
c - 32	7.00	490587	495950	-1
c - 34	7.29	493940	495950	0
c - 36	7.58	495218	495950	0

* One compound allowed %D <= 50%

Samples

17G1257-13
17G1257-18
17G1254-18
17G1169-17
17G1075-10@5X
17G1075-13@5X
17G1172-11
17G1074-19
17G1074-06@10X
17G1074-09@10X
17G1077-17RE1@20X

D:\HPCHEM\1\DATA\A080417.SEC\A0804079.D

CT ETPH DISCRIMINATION CHECK

Date Acquired 8/4/17
Data File Name A0804079.D
Sample Name ETPH 1500
Instrument Name 5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	412622	444472	-7
c - 10	1.50	420598	444472	-5
c - 12	2.22	438402	444472	-1
c - 14	2.88	451044	444472	1
c - 16	3.48	459256	444472	3
c - 18	4.05	452050	444472	2
o-Terphenyl	4.35	491812	444472	
c - 20	4.66	458504	444472	3
c - 22	5.17	461579	444472	4
c - 24	5.61	429319	444472	-3
c - 26	6.01	451685	444472	2
c - 28	6.36	450715	444472	1
c - 30	6.70	447938	444472	1
c - 32	7.00	440516	444472	-1
c - 34	7.29	445571	444472	0
c - 36	7.57	447287	444472	1

* One compound allowed %D <= 50%

Samples

17G1254-08@20X
17G1254-13@10X
17G1169-09@5X
17G1172-03@20X
17G1172-07@10X
17G1257-01@5X
17G1257-09@10X
17G1257-11@10X
17G1257-14@5X
17G1257-17@10X
17G1255-03@20X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17G1254

Laboratory Sample ID(s):

17G1254-01 thru 17G1254-19

Sample Date(s):

07/27/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7470A, SW-846 7471B, SW-846 8082A, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☑ Yes ☐ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/16/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 18, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17G1255

Enclosed are results of analyses for samples received by the laboratory on July 27, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/18/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1255

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC7-SO-4-2	17G1255-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-4-3A	17G1255-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-4-3B	17G1255-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260C	
WS-AOC7-SO-2-1	17G1255-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-2-2	17G1255-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-2-3A	17G1255-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-2-3B	17G1255-07	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
				SW-846 8260C	
WS-AOC7-SO-3-1	17G1255-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-3-2	17G1255-09	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-3-3A	17G1255-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-3-3B	17G1255-11	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC7-SO-5-1	17G1255-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-5-2	17G1255-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-5-3A	17G1255-14	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-5-3B	17G1255-15	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC7-SO-6-1	17G1255-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-6-2	17G1255-17	Soil		SM 2540G	
				SW-846 8082A	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/18/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1255

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC7-SO-6-3A	17G1255-18	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-6-3B	17G1255-19	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC7-SO-9-1	17G1255-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

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CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17G1255-03[WS-AOC7-SO-4-3B], 17G1255-07[WS-AOC7-SO-2-3B], 17G1255-11[WS-AOC7-SO-3-3B], 17G1255-15[WS-AOC7-SO-5-3B]

SW-846 8082A

Qualifications:

MS-12

Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]

B183374-MS1, B183374-MSD1

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl

17G1255-06[WS-AOC7-SO-2-3A], 17G1255-10[WS-AOC7-SO-3-3A]

Decachlorobiphenyl [2C]

17G1255-06[WS-AOC7-SO-2-3A], 17G1255-10[WS-AOC7-SO-3-3A]

Tetrachloro-m-xylene

17G1255-06[WS-AOC7-SO-2-3A], 17G1255-10[WS-AOC7-SO-3-3A]

Tetrachloro-m-xylene [2C]

17G1255-06[WS-AOC7-SO-2-3A], 17G1255-10[WS-AOC7-SO-3-3A]

SW-846 8260C

Qualifications:

L-01

Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.

Analyte & Samples(s) Qualified:

trans-1,2-Dichloroethylene

B183153-BS1

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Dichlorodifluoromethane (Freon 1

17G1255-03[WS-AOC7-SO-4-3B], 17G1255-07[WS-AOC7-SO-2-3B], B183153-BLK1, B183153-BS1

V-16

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

Tetrahydrofuran

17G1255-03[WS-AOC7-SO-4-3B], 17G1255-07[WS-AOC7-SO-2-3B], B183153-BLK1

SW-846 8270D

Qualifications:

E

Reported result is estimated. Value reported over verified calibration range.

Analyte & Samples(s) Qualified:

Pyrene

17G1255-15[WS-AOC7-SO-5-3B]

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RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

17G1255-11[WS-AOC7-SO-3-3B]

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-2 Sampled: 7/27/2017 11:07

Sample ID: 17G1255-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1260 [2]	0.14	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:12	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	74.7	30-150		8/17/17 19:12
Decachlorobiphenyl [2]	81.2	30-150		8/17/17 19:12
Tetrachloro-m-xylene [1]	78.6	30-150		8/17/17 19:12
Tetrachloro-m-xylene [2]	87.7	30-150		8/17/17 19:12

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-2 Sampled: 7/27/2017 11:07

Sample ID: 17G1255-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-3A Sampled: 7/27/2017 11:08

Sample ID: 17G1255-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:25	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	68.9	30-150		8/17/17 19:25
Decachlorobiphenyl [2]	74.4	30-150		8/17/17 19:25
Tetrachloro-m-xylene [1]	77.1	30-150		8/17/17 19:25
Tetrachloro-m-xylene [2]	86.3	30-150		8/17/17 19:25

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-3A Sampled: 7/27/2017 11:08

Sample ID: 17G1255-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-3B Sampled: 7/27/2017 11:09

Sample ID: 17G1255-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Acrylonitrile	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Benzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Bromobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Bromodichloromethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Bromoform	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Bromomethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
2-Butanone (MEK)	ND	0.026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
n-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
sec-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
tert-Butylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Carbon Disulfide	ND	0.0039	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Carbon Tetrachloride	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Chlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Chlorodibromomethane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Chloroethane	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Chloroform	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Chloromethane	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
2-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
4-Chlorotoluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2-Dibromoethane (EDB)	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Dibromomethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,3-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,4-Dichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
trans-1,4-Dichloro-2-butene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.013	mg/Kg dry	1	L-03	SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2-Dichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1-Dichloroethylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
cis-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
trans-1,2-Dichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,3-Dichloropropane	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
2,2-Dichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1-Dichloropropene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
cis-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
trans-1,3-Dichloropropene	ND	0.00066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Ethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Hexachlorobutadiene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
2-Hexanone (MBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Isopropylbenzene (Cumene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-3B Sampled: 7/27/2017 11:09

Sample ID: 17G1255-03

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Methylene Chloride	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Naphthalene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
n-Propylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Styrene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1,1,2-Tetrachloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1,2,2-Tetrachloroethane	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Tetrachloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Tetrahydrofuran	ND	0.0066	mg/Kg dry	1	V-16	SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Toluene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2,3-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2,4-Trichlorobenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1,1-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1,2-Trichloroethane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Trichloroethylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2,3-Trichloropropane	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,2,4-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
1,3,5-Trimethylbenzene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
Vinyl Chloride	ND	0.0066	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
m+p Xylene	ND	0.0026	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF
o-Xylene	ND	0.0013	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 15:42	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	104	70-130		8/2/17 15:42
Toluene-d8	106	70-130		8/2/17 15:42
4-Bromofluorobenzene	103	70-130		8/2/17 15:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-3B Sampled: 7/27/2017 11:09

Sample ID: 17G1255-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4100	450	mg/Kg dry	20		CTDEP ETPH	8/3/17	8/5/17 2:40	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/5/17 2:40

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-4-3B Sampled: 7/27/2017 11:09

Sample ID: 17G1255-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-1 Sampled: 7/27/2017 11:10

Sample ID: 17G1255-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:38	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	76.0	30-150		8/17/17 19:38
Decachlorobiphenyl [2]	85.2	30-150		8/17/17 19:38
Tetrachloro-m-xylene [1]	78.7	30-150		8/17/17 19:38
Tetrachloro-m-xylene [2]	88.0	30-150		8/17/17 19:38

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-1 Sampled: 7/27/2017 11:10

Sample ID: 17G1255-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-2 Sampled: 7/27/2017 11:12

Sample ID: 17G1255-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 19:50	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	72.0	30-150		8/17/17 19:50
Decachlorobiphenyl [2]	91.0	30-150		8/17/17 19:50
Tetrachloro-m-xylene [1]	78.8	30-150		8/17/17 19:50
Tetrachloro-m-xylene [2]	86.1	30-150		8/17/17 19:50

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-2 Sampled: 7/27/2017 11:12

Sample ID: 17G1255-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3A Sampled: 7/27/2017 11:14

Sample ID: 17G1255-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1254 [2]	4.6	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1260 [2]	9.8	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/4/17	8/18/17 10:34	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/18/17 10:34
Decachlorobiphenyl [2]	*	30-150	S-01	8/18/17 10:34
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/18/17 10:34
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/18/17 10:34

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3A Sampled: 7/27/2017 11:14

Sample ID: 17G1255-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3B Sampled: 7/27/2017 11:16

Sample ID: 17G1255-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Acrylonitrile	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Bromomethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
2-Butanone (MEK)	ND	0.027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Carbon Disulfide	ND	0.0041	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Chlorodibromomethane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Chloroethane	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Chloroform	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Chloromethane	ND	0.0069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2-Dibromoethane (EDB)	ND	0.00069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
trans-1,4-Dichloro-2-butene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.014	mg/Kg dry	1	L-03	SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1-Dichloroethylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,3-Dichloropropane	ND	0.00069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
2,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
cis-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
trans-1,3-Dichloropropene	ND	0.00069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3B Sampled: 7/27/2017 11:16

Sample ID: 17G1255-07

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Methylene Chloride	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Naphthalene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1,2,2-Tetrachloroethane	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Tetrahydrofuran	ND	0.0069	mg/Kg dry	1	V-16	SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2,3-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2,4-Trichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
Vinyl Chloride	ND	0.0069	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
m+p Xylene	ND	0.0027	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	8/2/17	8/2/17 16:10	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	103	70-130		8/2/17 16:10
Toluene-d8	106	70-130		8/2/17 16:10
4-Bromofluorobenzene	107	70-130		8/2/17 16:10

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3B Sampled: 7/27/2017 11:16

Sample ID: 17G1255-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	3500	1100	mg/Kg dry	100		CTDEP ETPH	8/3/17	8/6/17 21:10	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/6/17 21:10

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3B Sampled: 7/27/2017 11:16

Sample ID: 17G1255-07

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Barium	15	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Cadmium	0.33	0.28	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Chromium	11	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Copper	36	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Lead	17	0.83	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Mercury	ND	0.027	mg/Kg dry	1		SW-846 7471B	8/3/17	8/5/17 13:16	TJK
Nickel	31	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Vanadium	350	1.1	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW
Zinc	45	1.1	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:54	QNW

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-2-3B Sampled: 7/27/2017 11:16

Sample ID: 17G1255-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-1 Sampled: 7/27/2017 11:18

Sample ID: 17G1255-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 20:15	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.1	30-150		8/17/17 20:15
Decachlorobiphenyl [2]	71.4	30-150		8/17/17 20:15
Tetrachloro-m-xylene [1]	74.2	30-150		8/17/17 20:15
Tetrachloro-m-xylene [2]	90.9	30-150		8/17/17 20:15

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-1 Sampled: 7/27/2017 11:18

Sample ID: 17G1255-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.5		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-2 Sampled: 7/27/2017 11:20

Sample ID: 17G1255-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1254 [2]	0.17	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1260 [2]	0.59	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 21:44	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	65.0	30-150		8/17/17 21:44
Decachlorobiphenyl [2]	74.0	30-150		8/17/17 21:44
Tetrachloro-m-xylene [1]	73.9	30-150		8/17/17 21:44
Tetrachloro-m-xylene [2]	82.1	30-150		8/17/17 21:44

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-2 Sampled: 7/27/2017 11:20

Sample ID: 17G1255-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-3A Sampled: 7/27/2017 11:22

Sample ID: 17G1255-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1221 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1232 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1242 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1248 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1254 [2]	7.4	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1260 [2]	16	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1262 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG
Aroclor-1268 [1]	ND	2.3	mg/Kg dry	100		SW-846 8082A	8/4/17	8/18/17 10:52	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/18/17 10:52
Decachlorobiphenyl [2]	*	30-150	S-01	8/18/17 10:52
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/18/17 10:52
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/18/17 10:52

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-3A Sampled: 7/27/2017 11:22

Sample ID: 17G1255-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-3B Sampled: 7/27/2017 11:24

Sample ID: 17G1255-11

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Acenaphthylene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Anthracene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Benzo(a)anthracene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Benzo(a)pyrene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Benzo(b)fluoranthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Benzo(g,h,i)perylene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Benzo(k)fluoranthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Chrysene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Dibenz(a,h)anthracene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Fluoranthene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Fluorene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Indeno(1,2,3-cd)pyrene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
2-Methylnaphthalene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Naphthalene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Phenanthrene	ND	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL
Pyrene	3.2	1.5	mg/Kg dry	4		SW-846 8270D	8/3/17	8/4/17 21:32	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	41.9	30-130		8/4/17 21:32
2-Fluorobiphenyl	42.6	30-130		8/4/17 21:32
p-Terphenyl-d14	67.5	30-130		8/4/17 21:32

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-3B Sampled: 7/27/2017 11:24

Sample ID: 17G1255-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	4800	1100	mg/Kg dry	100		CTDEP ETPH	8/3/17	8/6/17 21:27	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/6/17 21:27

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-3-3B Sampled: 7/27/2017 11:24

Sample ID: 17G1255-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-1 Sampled: 7/27/2017 11:26

Sample ID: 17G1255-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1260 [2]	0.28	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:09	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.7	30-150		8/17/17 22:09
Decachlorobiphenyl [2]	69.8	30-150		8/17/17 22:09
Tetrachloro-m-xylene [1]	74.1	30-150		8/17/17 22:09
Tetrachloro-m-xylene [2]	87.6	30-150		8/17/17 22:09

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-1 Sampled: 7/27/2017 11:26

Sample ID: 17G1255-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-2 Sampled: 7/27/2017 11:27

Sample ID: 17G1255-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1221 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1232 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1242 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1248 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1254 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1260 [2]	0.20	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1262 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG
Aroclor-1268 [1]	ND	0.16	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:22	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	59.9	30-150		8/17/17 22:22
Decachlorobiphenyl [2]	75.8	30-150		8/17/17 22:22
Tetrachloro-m-xylene [1]	76.7	30-150		8/17/17 22:22
Tetrachloro-m-xylene [2]	83.8	30-150		8/17/17 22:22

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-2 Sampled: 7/27/2017 11:27

Sample ID: 17G1255-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	63.5		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-3A Sampled: 7/27/2017 11:28

Sample ID: 17G1255-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:34	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	64.3	30-150		8/17/17 22:34
Decachlorobiphenyl [2]	72.5	30-150		8/17/17 22:34
Tetrachloro-m-xylene [1]	78.6	30-150		8/17/17 22:34
Tetrachloro-m-xylene [2]	86.9	30-150		8/17/17 22:34

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-3A Sampled: 7/27/2017 11:28

Sample ID: 17G1255-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-3B Sampled: 7/27/2017 11:29

Sample ID: 17G1255-15

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Acenaphthene	ND	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Acenaphthylene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Acenaphthylene	ND	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Anthracene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Anthracene	1.7	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Benzo(a)anthracene	5.1	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Benzo(a)anthracene	5.1	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Benzo(a)pyrene	5.4	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Benzo(a)pyrene	5.9	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Benzo(b)fluoranthene	5.2	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Benzo(b)fluoranthene	5.8	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Benzo(g,h,i)perylene	2.9	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Benzo(g,h,i)perylene	3.3	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Benzo(k)fluoranthene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Benzo(k)fluoranthene	2.2	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Chrysene	4.3	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Chrysene	4.4	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Dibenz(a,h)anthracene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Dibenz(a,h)anthracene	0.69	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Fluoranthene	7.9	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Fluoranthene	9.9	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Fluorene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Fluorene	ND	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Indeno(1,2,3-cd)pyrene	2.9	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Indeno(1,2,3-cd)pyrene	3.0	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
2-Methylnaphthalene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
2-Methylnaphthalene	ND	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Naphthalene	ND	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Naphthalene	ND	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Phenanthrene	3.6	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Phenanthrene	4.0	0.44	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 20:11	BGL
Pyrene	19	2.2	mg/Kg dry	10		SW-846 8270D	8/3/17	8/5/17 20:33	BGL
Pyrene	23	0.44	mg/Kg dry	2	E	SW-846 8270D	8/3/17	8/5/17 20:11	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	34.4	30-130		8/5/17 20:33
Nitrobenzene-d5	37.8	30-130		8/5/17 20:11
2-Fluorobiphenyl	35.2	30-130		8/5/17 20:33
2-Fluorobiphenyl	37.8	30-130		8/5/17 20:11
p-Terphenyl-d14	48.8	30-130		8/5/17 20:33
p-Terphenyl-d14	48.6	30-130		8/5/17 20:11

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-3B Sampled: 7/27/2017 11:29

Sample ID: 17G1255-15

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	650	260	mg/Kg dry	20		CTDEP ETPH	8/3/17	8/7/17 14:01	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/7/17 14:01

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-5-3B Sampled: 7/27/2017 11:29

Sample ID: 17G1255-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	76.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-1 Sampled: 7/27/2017 11:20

Sample ID: 17G1255-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:47	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	68.6	30-150		8/17/17 22:47
Decachlorobiphenyl [2]	76.9	30-150		8/17/17 22:47
Tetrachloro-m-xylene [1]	81.1	30-150		8/17/17 22:47
Tetrachloro-m-xylene [2]	89.7	30-150		8/17/17 22:47

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-1 Sampled: 7/27/2017 11:20

Sample ID: 17G1255-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-2 Sampled: 7/27/2017 11:22

Sample ID: 17G1255-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 22:59	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	65.0	30-150		8/17/17 22:59
Decachlorobiphenyl [2]	75.9	30-150		8/17/17 22:59
Tetrachloro-m-xylene [1]	76.5	30-150		8/17/17 22:59
Tetrachloro-m-xylene [2]	86.1	30-150		8/17/17 22:59

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-2 Sampled: 7/27/2017 11:22

Sample ID: 17G1255-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-3A Sampled: 7/27/2017 11:24

Sample ID: 17G1255-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1254 [2]	0.33	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1260 [2]	0.89	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:12	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.1	30-150		8/17/17 23:12
Decachlorobiphenyl [2]	73.0	30-150		8/17/17 23:12
Tetrachloro-m-xylene [1]	77.7	30-150		8/17/17 23:12
Tetrachloro-m-xylene [2]	86.6	30-150		8/17/17 23:12

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-3A Sampled: 7/27/2017 11:24

Sample ID: 17G1255-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.6		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-3B Sampled: 7/27/2017 11:26

Sample ID: 17G1255-19

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	82	64	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/7/17 14:19	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	77.0	50-150		8/7/17 14:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-6-3B Sampled: 7/27/2017 11:26

Sample ID: 17G1255-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	77.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-1 Sampled: 7/27/2017 13:10

Sample ID: 17G1255-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1254 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1260 [2]	0.46	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/4/17	8/17/17 23:25	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	59.3	30-150		8/17/17 23:25
Decachlorobiphenyl [2]	83.4	30-150		8/17/17 23:25
Tetrachloro-m-xylene [1]	70.7	30-150		8/17/17 23:25
Tetrachloro-m-xylene [2]	79.1	30-150		8/17/17 23:25

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1255

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-1 Sampled: 7/27/2017 13:10

Sample ID: 17G1255-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-03 [WS-AOC7-SO-4-3B]	B183276	30.0	2.00	08/03/17
17G1255-07 [WS-AOC7-SO-2-3B]	B183276	30.0	1.00	08/03/17
17G1255-11 [WS-AOC7-SO-3-3B]	B183276	30.0	1.00	08/03/17
17G1255-15 [WS-AOC7-SO-5-3B]	B183276	30.0	1.00	08/03/17
17G1255-19 [WS-AOC7-SO-6-3B]	B183276	30.0	1.00	08/03/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G1255-01 [WS-AOC7-SO-4-2]	B183217	08/03/17
17G1255-02 [WS-AOC7-SO-4-3A]	B183217	08/03/17
17G1255-03 [WS-AOC7-SO-4-3B]	B183217	08/03/17
17G1255-04 [WS-AOC7-SO-2-1]	B183217	08/03/17
17G1255-05 [WS-AOC7-SO-2-2]	B183217	08/03/17
17G1255-06 [WS-AOC7-SO-2-3A]	B183217	08/03/17
17G1255-07 [WS-AOC7-SO-2-3B]	B183217	08/03/17
17G1255-08 [WS-AOC7-SO-3-1]	B183217	08/03/17
17G1255-09 [WS-AOC7-SO-3-2]	B183217	08/03/17
17G1255-10 [WS-AOC7-SO-3-3A]	B183217	08/03/17
17G1255-11 [WS-AOC7-SO-3-3B]	B183217	08/03/17
17G1255-12 [WS-AOC7-SO-5-1]	B183217	08/03/17
17G1255-13 [WS-AOC7-SO-5-2]	B183217	08/03/17
17G1255-14 [WS-AOC7-SO-5-3A]	B183217	08/03/17
17G1255-15 [WS-AOC7-SO-5-3B]	B183217	08/03/17
17G1255-16 [WS-AOC7-SO-6-1]	B183217	08/03/17
17G1255-17 [WS-AOC7-SO-6-2]	B183217	08/03/17
17G1255-18 [WS-AOC7-SO-6-3A]	B183217	08/03/17
17G1255-19 [WS-AOC7-SO-6-3B]	B183217	08/03/17
17G1255-20 [WS-AOC7-SO-9-1]	B183217	08/03/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-07 [WS-AOC7-SO-2-3B]	B183203	1.01	50.0	08/03/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-07 [WS-AOC7-SO-2-3B]	B183214	0.615	50.0	08/03/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-01 [WS-AOC7-SO-4-2]	B183374	10.0	10.0	08/04/17
17G1255-02 [WS-AOC7-SO-4-3A]	B183374	10.0	10.0	08/04/17
17G1255-04 [WS-AOC7-SO-2-1]	B183374	10.0	10.0	08/04/17
17G1255-05 [WS-AOC7-SO-2-2]	B183374	10.0	10.0	08/04/17
17G1255-06 [WS-AOC7-SO-2-3A]	B183374	10.0	10.0	08/04/17
17G1255-08 [WS-AOC7-SO-3-1]	B183374	10.0	10.0	08/04/17
17G1255-09 [WS-AOC7-SO-3-2]	B183374	10.0	10.0	08/04/17

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-10 [WS-AOC7-SO-3-3A]	B183374	10.0	10.0	08/04/17
17G1255-12 [WS-AOC7-SO-5-1]	B183374	10.0	10.0	08/04/17
17G1255-13 [WS-AOC7-SO-5-2]	B183374	10.0	10.0	08/04/17
17G1255-14 [WS-AOC7-SO-5-3A]	B183374	10.0	10.0	08/04/17
17G1255-16 [WS-AOC7-SO-6-1]	B183374	10.0	10.0	08/04/17
17G1255-17 [WS-AOC7-SO-6-2]	B183374	10.0	10.0	08/04/17
17G1255-18 [WS-AOC7-SO-6-3A]	B183374	10.0	10.0	08/04/17
17G1255-20 [WS-AOC7-SO-9-1]	B183374	10.0	10.0	08/04/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-03 [WS-AOC7-SO-4-3B]	B183153	8.63	10.0	08/02/17
17G1255-07 [WS-AOC7-SO-2-3B]	B183153	8.20	10.0	08/02/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1255-11 [WS-AOC7-SO-3-3B]	B183204	30.0	2.00	08/03/17
17G1255-15 [WS-AOC7-SO-5-3B]	B183204	30.0	1.00	08/03/17
17G1255-15RE1 [WS-AOC7-SO-5-3B]	B183204	30.0	1.00	08/03/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183153 - SW-846 5035										
Blank (B183153-BLK1)				Prepared & Analyzed: 08/02/17						
Acetone	ND	0.10	mg/Kg wet							
Acrylonitrile	ND	0.0060	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
Carbon Disulfide	ND	0.0060	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.020	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.0040	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.020	mg/Kg wet							L-03
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.020	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.0040	mg/Kg wet							
n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183153 - SW-846 5035											
Blank (B183153-BLK1)				Prepared & Analyzed: 08/02/17							
Tetrachloroethylene	ND	0.0020	mg/Kg wet								
Tetrahydrofuran	ND	0.010	mg/Kg wet								V-16
Toluene	ND	0.0020	mg/Kg wet								
1,2,3-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,2,4-Trichlorobenzene	ND	0.0020	mg/Kg wet								
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet								
Trichloroethylene	ND	0.0020	mg/Kg wet								
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet								
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	mg/Kg wet								
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet								
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet								
Vinyl Chloride	ND	0.010	mg/Kg wet								
m+p Xylene	ND	0.0040	mg/Kg wet								
o-Xylene	ND	0.0020	mg/Kg wet								
Surrogate: 1,2-Dichloroethane-d4	*0.0500*		mg/Kg wet	0.0500		100		70-130			
Surrogate: Toluene-d8	*0.0521*		mg/Kg wet	0.0500		104		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0517*		mg/Kg wet	0.0500		103		70-130			
LCS (B183153-BS1)				Prepared & Analyzed: 08/02/17							
Acetone	0.181	0.10	mg/Kg wet	0.200		90.3		70-130			
Acrylonitrile	0.0253	0.0060	mg/Kg wet	0.0200		127		70-130			
Benzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130			
Bromobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130			
Bromodichloromethane	0.0182	0.0020	mg/Kg wet	0.0200		90.8		70-130			
Bromoform	0.0179	0.0020	mg/Kg wet	0.0200		89.7		70-130			
Bromomethane	0.0157	0.010	mg/Kg wet	0.0200		78.6		70-130			
2-Butanone (MEK)	0.241	0.040	mg/Kg wet	0.200		121		70-130			
n-Butylbenzene	0.0198	0.0020	mg/Kg wet	0.0200		99.0		70-130			
sec-Butylbenzene	0.0221	0.0020	mg/Kg wet	0.0200		110		70-130			
tert-Butylbenzene	0.0212	0.0020	mg/Kg wet	0.0200		106		70-130			
Carbon Disulfide	0.0206	0.0060	mg/Kg wet	0.0200		103		70-130			
Carbon Tetrachloride	0.0200	0.0020	mg/Kg wet	0.0200		99.9		70-130			
Chlorobenzene	0.0183	0.0020	mg/Kg wet	0.0200		91.6		70-130			
Chlorodibromomethane	0.0204	0.0010	mg/Kg wet	0.0200		102		70-130			
Chloroethane	0.0177	0.020	mg/Kg wet	0.0200		88.3		70-130			
Chloroform	0.0189	0.0040	mg/Kg wet	0.0200		94.4		70-130			
Chloromethane	0.0175	0.010	mg/Kg wet	0.0200		87.3		70-130			
2-Chlorotoluene	0.0198	0.0020	mg/Kg wet	0.0200		99.2		70-130			
4-Chlorotoluene	0.0188	0.0020	mg/Kg wet	0.0200		93.8		70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0211	0.0020	mg/Kg wet	0.0200		105		70-130			
1,2-Dibromoethane (EDB)	0.0199	0.0010	mg/Kg wet	0.0200		99.6		70-130			
Dibromomethane	0.0198	0.0020	mg/Kg wet	0.0200		98.9		70-130			
1,2-Dichlorobenzene	0.0196	0.0020	mg/Kg wet	0.0200		97.9		70-130			
1,3-Dichlorobenzene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130			
1,4-Dichlorobenzene	0.0193	0.0020	mg/Kg wet	0.0200		96.7		70-130			
trans-1,4-Dichloro-2-butene	0.0215	0.0040	mg/Kg wet	0.0200		108		70-130			
Dichlorodifluoromethane (Freon 12)	0.0125	0.020	mg/Kg wet	0.0200		**62.4**	*	70-130			L-03
1,1-Dichloroethane	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130			
1,2-Dichloroethane	0.0218	0.0020	mg/Kg wet	0.0200		109		70-130			
1,1-Dichloroethylene	0.0211	0.0040	mg/Kg wet	0.0200		105		70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183153 - SW-846 5035											
LCS (B183153-BS1)				Prepared & Analyzed: 08/02/17							
cis-1,2-Dichloroethylene	0.0207	0.0020	mg/Kg wet	0.0200		104		70-130			
trans-1,2-Dichloroethylene	0.0261	0.0020	mg/Kg wet	0.0200		**131**	*	70-130			L-01
1,2-Dichloropropane	0.0226	0.0020	mg/Kg wet	0.0200		113		70-130			
1,3-Dichloropropane	0.0192	0.0010	mg/Kg wet	0.0200		96.2		70-130			
2,2-Dichloropropane	0.0205	0.0020	mg/Kg wet	0.0200		102		70-130			
1,1-Dichloropropene	0.0197	0.0020	mg/Kg wet	0.0200		98.5		70-130			
cis-1,3-Dichloropropene	0.0184	0.0010	mg/Kg wet	0.0200		91.9		70-130			
trans-1,3-Dichloropropene	0.0198	0.0010	mg/Kg wet	0.0200		99.2		70-130			
Ethylbenzene	0.0186	0.0020	mg/Kg wet	0.0200		93.1		70-130			
Hexachlorobutadiene	0.0231	0.0020	mg/Kg wet	0.0200		115		70-130			
2-Hexanone (MBK)	0.245	0.020	mg/Kg wet	0.200		122		70-130			
Isopropylbenzene (Cumene)	0.0211	0.0020	mg/Kg wet	0.0200		106		70-130			
p-Isopropyltoluene (p-Cymene)	0.0208	0.0020	mg/Kg wet	0.0200		104		70-130			
Methyl tert-Butyl Ether (MTBE)	0.0193	0.0040	mg/Kg wet	0.0200		96.7		70-130			
Methylene Chloride	0.0240	0.020	mg/Kg wet	0.0200		120		70-130			
4-Methyl-2-pentanone (MIBK)	0.247	0.020	mg/Kg wet	0.200		124		70-130			
Naphthalene	0.0181	0.0040	mg/Kg wet	0.0200		90.3		70-130			
n-Propylbenzene	0.0194	0.0020	mg/Kg wet	0.0200		97.0		70-130			
Styrene	0.0195	0.0020	mg/Kg wet	0.0200		97.3		70-130			
1,1,1,2-Tetrachloroethane	0.0189	0.0020	mg/Kg wet	0.0200		94.6		70-130			
1,1,2,2-Tetrachloroethane	0.0185	0.0010	mg/Kg wet	0.0200		92.6		70-130			
Tetrachloroethylene	0.0230	0.0020	mg/Kg wet	0.0200		115		70-130			
Tetrahydrofuran	0.0191	0.010	mg/Kg wet	0.0200		95.4		70-130			
Toluene	0.0204	0.0020	mg/Kg wet	0.0200		102		70-130			
1,2,3-Trichlorobenzene	0.0188	0.0020	mg/Kg wet	0.0200		94.1		70-130			
1,2,4-Trichlorobenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130			
1,1,1-Trichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105		70-130			
1,1,2-Trichloroethane	0.0193	0.0020	mg/Kg wet	0.0200		96.7		70-130			
Trichloroethylene	0.0202	0.0020	mg/Kg wet	0.0200		101		70-130			
Trichlorofluoromethane (Freon 11)	0.0209	0.010	mg/Kg wet	0.0200		104		70-130			
1,2,3-Trichloropropane	0.0203	0.0020	mg/Kg wet	0.0200		102		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0209	0.010	mg/Kg wet	0.0200		104		70-130			
1,2,4-Trimethylbenzene	0.0206	0.0020	mg/Kg wet	0.0200		103		70-130			
1,3,5-Trimethylbenzene	0.0200	0.0020	mg/Kg wet	0.0200		100		70-130			
Vinyl Chloride	0.0179	0.010	mg/Kg wet	0.0200		89.3		70-130			
m+p Xylene	0.0381	0.0040	mg/Kg wet	0.0400		95.2		70-130			
o-Xylene	0.0187	0.0020	mg/Kg wet	0.0200		93.4		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0520*		mg/Kg wet	0.0500		104		70-130			
Surrogate: Toluene-d8	*0.0537*		mg/Kg wet	0.0500		107		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0519*		mg/Kg wet	0.0500		104		70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
Blank (B183204-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.15*		mg/Kg wet	3.33		64.4	30-130			
Surrogate: p-Terphenyl-d14	*2.52*		mg/Kg wet	3.33		75.7	30-130			
LCS (B183204-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140			
Acenaphthylene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140			
Anthracene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(a)pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.2	40-140			
Benzo(g,h,i)perylene	0.934	0.17	mg/Kg wet	1.67		56.0	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140			
Chrysene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140			
Dibenz(a,h)anthracene	0.917	0.17	mg/Kg wet	1.67		55.0	40-140			
Fluoranthene	1.03	0.17	mg/Kg wet	1.67		62.0	40-140			
Fluorene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140			
Indeno(1,2,3-cd)pyrene	0.941	0.17	mg/Kg wet	1.67		56.5	40-140			
2-Methylnaphthalene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140			
Naphthalene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140			
Phenanthrene	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Surrogate: Nitrobenzene-d5	*2.64*		mg/Kg wet	3.33		79.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.63*		mg/Kg wet	3.33		78.9	30-130			
Surrogate: p-Terphenyl-d14	*2.55*		mg/Kg wet	3.33		76.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
LCS Dup (B183204-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.00	0.17	mg/Kg wet	1.67		60.3	40-140	8.39	30	
Acenaphthylene	1.00	0.17	mg/Kg wet	1.67		60.1	40-140	10.1	30	
Anthracene	1.01	0.17	mg/Kg wet	1.67		60.9	40-140	6.27	30	
Benzo(a)anthracene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140	6.55	30	
Benzo(a)pyrene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140	4.07	30	
Benzo(b)fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6	40-140	5.53	30	
Benzo(g,h,i)perylene	0.891	0.17	mg/Kg wet	1.67		53.5	40-140	4.68	30	
Benzo(k)fluoranthene	1.06	0.17	mg/Kg wet	1.67		63.8	40-140	2.69	30	
Chrysene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	5.47	30	
Dibenz(a,h)anthracene	0.882	0.17	mg/Kg wet	1.67		52.9	40-140	3.89	30	
Fluoranthene	0.965	0.17	mg/Kg wet	1.67		57.9	40-140	6.90	30	
Fluorene	1.01	0.17	mg/Kg wet	1.67		60.8	40-140	11.1	30	
Indeno(1,2,3-cd)pyrene	0.869	0.17	mg/Kg wet	1.67		52.1	40-140	7.96	30	
2-Methylnaphthalene	1.04	0.17	mg/Kg wet	1.67		62.7	40-140	13.3	30	
Naphthalene	0.964	0.17	mg/Kg wet	1.67		57.8	40-140	14.1	30	
Phenanthrene	1.01	0.17	mg/Kg wet	1.67		60.7	40-140	7.46	30	
Pyrene	1.07	0.17	mg/Kg wet	1.67		64.0	40-140	6.35	30	
Surrogate: Nitrobenzene-d5	*2.27*		mg/Kg wet	3.33		68.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.38*		mg/Kg wet	3.33		71.4	30-130			
Surrogate: p-Terphenyl-d14	*2.40*		mg/Kg wet	3.33		72.1	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183374 - SW-846 3540C										
Blank (B183374-BLK1)				Prepared: 08/04/17 Analyzed: 08/17/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.187*		mg/Kg wet	0.200		93.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.177*		mg/Kg wet	0.200		88.7	30-150			
Surrogate: Tetrachloro-m-xylene	*0.175*		mg/Kg wet	0.200		87.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.187*		mg/Kg wet	0.200		93.6	30-150			
LCS (B183374-BS1)				Prepared: 08/04/17 Analyzed: 08/17/17						
Aroclor-1016	0.14	0.020	mg/Kg wet	0.200		72.2	40-140			
Aroclor-1016 [2C]	0.15	0.020	mg/Kg wet	0.200		76.8	40-140			
Aroclor-1260	0.13	0.020	mg/Kg wet	0.200		65.0	40-140			
Aroclor-1260 [2C]	0.13	0.020	mg/Kg wet	0.200		66.8	40-140			
Surrogate: Decachlorobiphenyl	*0.176*		mg/Kg wet	0.200		87.9	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.169*		mg/Kg wet	0.200		84.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.165*		mg/Kg wet	0.200		82.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.178*		mg/Kg wet	0.200		88.9	30-150			
LCS Dup (B183374-BSD1)				Prepared: 08/04/17 Analyzed: 08/17/17						
Aroclor-1016	0.16	0.020	mg/Kg wet	0.200		77.8	40-140	7.47	30	
Aroclor-1016 [2C]	0.17	0.020	mg/Kg wet	0.200		84.4	40-140	9.41	30	
Aroclor-1260	0.14	0.020	mg/Kg wet	0.200		70.4	40-140	7.91	30	
Aroclor-1260 [2C]	0.14	0.020	mg/Kg wet	0.200		71.4	40-140	6.74	30	
Surrogate: Decachlorobiphenyl	*0.188*		mg/Kg wet	0.200		94.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.183*		mg/Kg wet	0.200		91.5	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.191*		mg/Kg wet	0.200		95.3	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B183374 - SW-846 3540C											
Matrix Spike (B183374-MS1)		**Source: 17G1255-01**		Prepared: 08/04/17 Analyzed: 08/17/17							
Aroclor-1016	0.27	0.12	mg/Kg dry	0.236	ND	112		40-140			
Aroclor-1016 [2C]	0.37	0.12	mg/Kg dry	0.236	ND	**159**	*	40-140			MS-12
Aroclor-1260	0.24	0.12	mg/Kg dry	0.236	0.10	56.8		40-140			
Aroclor-1260 [2C]	0.30	0.12	mg/Kg dry	0.236	0.14	65.4		40-140			
Surrogate: Decachlorobiphenyl	*0.152*		mg/Kg dry	0.236		64.4		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.186*		mg/Kg dry	0.236		78.8		30-150			
Surrogate: Tetrachloro-m-xylene	*0.193*		mg/Kg dry	0.236		81.9		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.211*		mg/Kg dry	0.236		89.3		30-150			
Matrix Spike Dup (B183374-MSD1)		**Source: 17G1255-01**		Prepared: 08/04/17 Analyzed: 08/17/17							
Aroclor-1016	0.29	0.12	mg/Kg dry	0.236	ND	125		40-140	10.2	50	
Aroclor-1016 [2C]	0.41	0.12	mg/Kg dry	0.236	ND	**174**	*	40-140	9.27	50	MS-12
Aroclor-1260	0.24	0.12	mg/Kg dry	0.236	0.10	56.0		40-140	0.753	50	
Aroclor-1260 [2C]	0.30	0.12	mg/Kg dry	0.236	0.14	65.9		40-140	0.384	50	
Surrogate: Decachlorobiphenyl	*0.160*		mg/Kg dry	0.236		67.8		30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.201*		mg/Kg dry	0.236		85.4		30-150			
Surrogate: Tetrachloro-m-xylene	*0.203*		mg/Kg dry	0.236		86.3		30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.224*		mg/Kg dry	0.236		95.0		30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183276 - SW-846 3546										
Blank (B183276-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.29*		mg/Kg wet	3.33		98.8	50-150			
LCS (B183276-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
CT ETPH	28.8	10	mg/Kg wet	33.3		86.3	60-120			
Surrogate: o-Terphenyl	*2.70*		mg/Kg wet	3.33		80.9	50-150			
LCS Dup (B183276-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
CT ETPH	30.5	10	mg/Kg wet	33.3		91.6	60-120	5.93	30	
Surrogate: o-Terphenyl	*2.84*		mg/Kg wet	3.33		85.3	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183203 - SW-846 3050B										
Blank (B183203-BLK1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B183203-BS1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	72.0	5.0	mg/Kg wet	88.2		81.6	0-210.3			
Arsenic	55.2	5.0	mg/Kg wet	57.0		96.8	77.8-122.1			
Barium	108	5.0	mg/Kg wet	110		98.2	82-117.4			
Beryllium	68.1	0.50	mg/Kg wet	67.5		101	82.3-117.7			
Cadmium	77.4	0.50	mg/Kg wet	77.8		99.5	81.9-118.2			
Chromium	63.7	1.0	mg/Kg wet	65.0		97.9	78.7-120.6			
Copper	58.6	1.0	mg/Kg wet	56.4		104	80.4-119.6			
Lead	84.3	1.5	mg/Kg wet	85.6		98.5	82.4-117.8			
Nickel	59.7	1.0	mg/Kg wet	61.3		97.3	82.2-117.8			
Selenium	75.4	10	mg/Kg wet	78.9		95.6	77.1-122.3			
Silver	54.1	1.0	mg/Kg wet	54.2		99.7	74.3-125.4			
Thallium	192	5.0	mg/Kg wet	178		108	78.2-121.6			
Vanadium	54.6	2.0	mg/Kg wet	56.3		96.9	64.8-135.2			
Zinc	191	2.0	mg/Kg wet	198		96.5	79.7-120.8			
LCS Dup (B183203-BSD1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	69.8	5.1	mg/Kg wet	88.2		79.1	0-210.3	3.12	30	
Arsenic	56.0	5.1	mg/Kg wet	57.0		98.2	77.8-122.1	1.41	30	
Barium	106	5.1	mg/Kg wet	110		96.6	82-117.4	1.62	30	
Beryllium	67.7	0.51	mg/Kg wet	67.5		100	82.3-117.7	0.566	30	
Cadmium	78.4	0.51	mg/Kg wet	77.8		101	81.9-118.2	1.24	30	
Chromium	62.3	1.0	mg/Kg wet	65.0		95.8	78.7-120.6	2.18	30	
Copper	58.8	1.0	mg/Kg wet	56.4		104	80.4-119.6	0.296	30	
Lead	82.9	1.5	mg/Kg wet	85.6		96.9	82.4-117.8	1.69	30	
Nickel	60.9	1.0	mg/Kg wet	61.3		99.3	82.2-117.8	2.05	30	
Selenium	75.6	10	mg/Kg wet	78.9		95.8	77.1-122.3	0.247	30	
Silver	53.7	1.0	mg/Kg wet	54.2		99.1	74.3-125.4	0.626	30	
Thallium	189	5.1	mg/Kg wet	178		106	78.2-121.6	1.54	30	
Vanadium	52.7	2.0	mg/Kg wet	56.3		93.5	64.8-135.2	3.54	30	
Zinc	190	2.0	mg/Kg wet	198		96.1	79.7-120.8	0.393	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183203 - SW-846 3050B										
MRL Check (B183203-MRL1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Lead	0.863	0.72	mg/Kg wet	0.722		120	80-120			
Batch B183214 - SW-846 7471										
Blank (B183214-BLK1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B183214-BS1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	9.76	1.9	mg/Kg wet	9.36		104	73.7-126.3			
LCS Dup (B183214-BSD1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	9.10	1.9	mg/Kg wet	9.36		97.2	73.7-126.3	7.05	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183217 - % Solids										
Duplicate (B183217-DUP3)		**Source: 17G1255-01**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	84.7		% Wt		84.8			0.118	20	
Duplicate (B183217-DUP4)		**Source: 17G1255-02**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	86.7		% Wt		85.4			1.51	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-2-3A

Lab Sample ID: 17G1255-06

Date(s) Analyzed: 08/18/2017 08/18/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	3.4	
	2	0.000	-0.030	0.030	4.6	30.0
Aroclor-1260	1	0.000	-0.030	0.030	9.6	
	2	0.000	-0.030	0.030	9.8	2.1

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-3-2

Lab Sample ID: 17G1255-09

Date(s) Analyzed: 08/17/2017 08/17/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.13	
	2	0.000	-0.030	0.030	0.17	26.7
Aroclor-1260	1	0.000	-0.030	0.030	0.55	
	2	0.000	-0.030	0.030	0.59	7.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-3-3A

Lab Sample ID: 17G1255-10

Date(s) Analyzed: 08/18/2017 08/18/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	5.5	
	2	0.000	-0.030	0.030	7.4	29.5
Aroclor-1260	1	0.000	-0.030	0.030	16	
	2	0.000	-0.030	0.030	16	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-5-1

Lab Sample ID: 17G1255-12

Date(s) Analyzed: 08/17/2017 08/17/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.24	
	2	0.000	-0.030	0.030	0.28	15.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-5-2

Lab Sample ID: 17G1255-13

Date(s) Analyzed: 08/17/2017 08/17/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.20	10.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-6-3A

Lab Sample ID: 17G1255-18

Date(s) Analyzed: 08/17/2017 08/17/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1254	1	0.000	-0.030	0.030	0.27	
	2	0.000	-0.030	0.030	0.33	20.0
Aroclor-1260	1	0.000	-0.030	0.030	0.86	
	2	0.000	-0.030	0.030	0.89	3.4

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-9-1

Lab Sample ID: 17G1255-20

Date(s) Analyzed: 08/17/2017 08/17/2017

Instrument ID (1):

Instrument ID (2):

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.42	
	2	0.000	-0.030	0.030	0.46	9.1

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
E	Reported result is estimated. Value reported over verified calibration range.
L-01	Laboratory fortified blank /laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
MS-12	Matrix spike recovery and matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a high bias for reported result or non-homogeneous sample aliquots cannot be eliminated.
RL-12	Elevated reporting limit due to matrix interference.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-16	Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
trans-1,4-Dichloro-2-butene	NY
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NH,NY
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

1741255

con-test ANALYTICAL LABORATORY

Phone: 413-525-2332
Fax: 413-525-6405
Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RCRA 8 Metals	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
1	WS-AOC7-SO-4-2	7/27/17	11:07		X	S	U	X								
2	WS-AOC7-SO-4-3A		11:08					X								
3	WS-AOC7-SO-4-3B		11:09							X			X			
4	WS-AOC7-SO-2-1		11:10					X								
5	WS-AOC7-SO-2-2		11:12					X								
6	WS-AOC-SO-2-3A		11:14					X								
7	WS-AOC7-SO-2-3B		11:16							X		X	X			
8	WS-AOC7-SO-3-1		11:18					X								
9	WS-AOC7-SO-3-2		11:20					X								
10	WS-AOC7-SO-3-3A		11:22					X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 7/27/17 1525
Received by: (signature)	Date/Time: 7/27/17 1525
Relinquished by: (signature)	Date/Time: 7-27-17 7:44
Received by: (signature)	Date/Time: 7/27/17 1985
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information 7/27/17 1945
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc # 381 Rev 0 5 8 2015

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Email: info@contestlabs.com
39 Spruce Street
East Longmeadow, MA 01028

CHAIN OF CUSTODY RECORD

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	Soxhlet PCBs	PAHs	ETPH	SVOCs	RSR 15 Metals	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
11	WS-AOC7-SO-3-3B	7/27/17	11:24		X	S	V		X	X						
12	WS-AOC7-SO-5-1		11:26					X	X							
13	WS-AOC7-SO-5-2		11:27					X	X							
14	WS-AOC7-SO-5-3A		11:28					X	X							
15	WS-AOC7-SO-5-3B		11:29						X	V						
16	WS-AOC7-SO-6-1		11:20					X								
17	WS-AOC7-SO-6-2		11:22					X								
18	WS-AOC7-SO-6-3A		11:24					X								
19	WS-AOC7-SO-6-3B		11:26							X						
20	WS-AOC7-SO-9-1		13:10					X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define) _____

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define) _____

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define) _____

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/27/17	1525
Received by: (signature)	Date/Time:
[signature]	7/27/17 1525
Relinquished by: (signature)	Date/Time:
[signature] 7-27-17	7:45
Received by: (signature)	Date/Time:
[signature] 7/27/17	1945
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
7/27/17 1945
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID # _____

NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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East Longmeadow, MA. 01028
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F: 413-525-6405
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con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 7/27/17 Time 1945

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 4.0, 2.3, 2.1
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	20
Meoh-	2	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	4	Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 7/27/17 1945	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A080417.SEC\A0804079.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/4/17
Data File Name	A0804079.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.14	412622	444472	-7
c - 10	1.50	420598	444472	-5
c - 12	2.22	438402	444472	-1
c - 14	2.88	451044	444472	1
c - 16	3.48	459256	444472	3
c - 18	4.05	452050	444472	2
o-Terphenyl	4.35	491812	444472	
c - 20	4.66	458504	444472	3
c - 22	5.17	461579	444472	4
c - 24	5.61	429319	444472	-3
c - 26	6.01	451685	444472	2
c - 28	6.36	450715	444472	1
c - 30	6.70	447938	444472	1
c - 32	7.00	440516	444472	-1
c - 34	7.29	445571	444472	0
c - 36	7.57	447287	444472	1

* One compound allowed %D <= 50%

Samples

17G1254-08@20X
17G1254-13@10X
17G1169-09@5X
17G1172-03@20X
17G1172-07@10X
17G1257-01@5X
17G1257-09@10X
17G1257-11@10X
17G1257-14@5X
17G1257-17@10X
17G1255-03@20X

D:\HPCHEM\1\DATA\A080617.SEC\A0806007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/6/17
Data File Name	A0806007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	498947	548960	-9
c - 10	1.63	504890	548960	-8
c - 12	2.35	523064	548960	-5
c - 14	3.01	538273	548960	-2
c - 16	3.62	554877	548960	1
c - 18	4.23	552045	548960	1
o-Terphenyl	4.51	617304	548960	
c - 20	4.84	564142	548960	3
c - 22	5.34	578309	548960	5
c - 24	5.78	544489	548960	-1
c - 26	6.17	578509	548960	5
c - 28	6.53	572642	548960	4
c - 30	6.86	570509	548960	4
c - 32	7.17	554065	548960	1
c - 34	7.47	553258	548960	1
c - 36	7.78	546376	548960	0

* One compound allowed %D <= 50%

Samples

17G1310-01
17G1310-02
17G1439-01
17H0092-01
17H0092-02

D:\HPCHEM\1\DATA\A080617.SEC\A0806061.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/6/17
Data File Name	A0806061.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	517970	566638	-9
c - 10	1.63	523932	566638	-8
c - 12	2.35	540830	566638	-5
c - 14	3.02	555805	566638	-2
c - 16	3.62	572903	566638	1
c - 18	4.23	569699	566638	1
o-Terphenyl	4.52	638062	566638	
c - 20	4.84	581877	566638	3
c - 22	5.35	595392	566638	5
c - 24	5.78	559920	566638	-1
c - 26	6.17	594228	566638	5
c - 28	6.53	589070	566638	4
c - 30	6.86	588717	566638	4
c - 32	7.17	573707	566638	1
c - 34	7.47	571397	566638	1
c - 36	7.78	564127	566638	0

* One compound allowed %D <= 50%

Samples

17G1255-07@100X
17G1255-11@100X
17G1256-07@20X
17G1256-08@100X
17G1256-14@5X
17G1256-18@5X
17G1258-01@5X
17G1258-02@5X
17G1258-05@20X

D:\HPCHEM\1\DATA\A080717.SEC\A0807007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/7/17
Data File Name	A0807007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	567269	616507	-8
c - 10	1.63	582026	616507	-6
c - 12	2.35	602280	616507	-2
c - 14	3.01	616087	616507	0
c - 16	3.62	632696	616507	3
c - 18	4.23	627640	616507	2
o-Terphenyl	4.52	702616	616507	
c - 20	4.84	638720	616507	4
c - 22	5.34	651603	616507	6
c - 24	5.78	609664	616507	-1
c - 26	6.17	643711	616507	4
c - 28	6.53	633637	616507	3
c - 30	6.86	630017	616507	2
c - 32	7.17	609518	616507	-1
c - 34	7.46	605031	616507	-2
c - 36	7.78	597714	616507	-3

* One compound allowed %D <= 50%

Samples

17G1300-01
17G1169-05@5X
17G1073-02@5X
17G1253-09@20X
17G1255-15@20X
17G1255-19@5X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17G1255

Laboratory Sample ID(s):

17G1255-01 thru 17G1255-20

Sample Date(s):

07/27/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7470A, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/18/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 16, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17G1256

Enclosed are results of analyses for samples received by the laboratory on July 27, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/16/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1256

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC7-SO-9-2	17G1256-01	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-9-3A	17G1256-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-9-3B	17G1256-03	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8260C	
				SW-846 8270D	
WS-AOC7-SO-10-1	17G1256-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-10-2	17G1256-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-10-3A	17G1256-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-10-3B	17G1256-07	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC7-SO-20-1	17G1256-08	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-20-2	17G1256-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-20-3	17G1256-10	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-12-1	17G1256-11	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-12-2	17G1256-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-12-3A	17G1256-13	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-12-3B	17G1256-14	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 6010C-D	
				SW-846 7471B	
WS-AOC7-SO-11-1	17G1256-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-11-2	17G1256-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-11-3A	17G1256-17	Soil		SM 2540G	
				SW-846 8082A	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/16/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1256

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC7-SO-11-3B	17G1256-18	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC7-SO-15-1	17G1256-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-15-2A	17G1256-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

CTDEP ETPH

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl

17G1256-03[WS-AOC7-SO-9-3B], 17G1256-07[WS-AOC7-SO-10-3B], 17G1256-10[WS-AOC7-SO-20-3]

SW-846 8260C

Qualifications:

L-03

Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

Methyl tert-Butyl Ether (MTBE)

17G1256-03[WS-AOC7-SO-9-3B], B182955-BLK1, B182955-BS1

RL-11

Elevated reporting limit due to high concentration of target compounds.

Analyte & Samples(s) Qualified:

17G1256-03[WS-AOC7-SO-9-3B]

V-05

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2-Dibromo-3-chloropropane (DB

17G1256-03[WS-AOC7-SO-9-3B], B182955-BLK1, B182955-BS1

Methyl tert-Butyl Ether (MTBE)

17G1256-03[WS-AOC7-SO-9-3B], B182955-BLK1, B182955-BS1

SW-846 8270D

Qualifications:

con-test® ANALYTICAL LABORATORY

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E

Reported result is estimated. Value reported over verified calibration range.

Analyte & Samples(s) Qualified:

Acenaphthene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

Anthracene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

Benzo(a)anthracene
17G1256-03[WS-AOC7-SO-9-3B]

Benzo(a)pyrene
17G1256-03[WS-AOC7-SO-9-3B]

Benzo(b)fluoranthene
17G1256-03[WS-AOC7-SO-9-3B]

Benzo(g,h,i)perylene
17G1256-03[WS-AOC7-SO-9-3B]

Benzo(k)fluoranthene
17G1256-03[WS-AOC7-SO-9-3B]

Chrysene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

Fluoranthene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

Fluorene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

Indeno(1,2,3-cd)pyrene
17G1256-03[WS-AOC7-SO-9-3B]

Naphthalene
17G1256-03[WS-AOC7-SO-9-3B]

Phenanthrene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

Pyrene
17G1256-03[WS-AOC7-SO-9-3B], 17G1256-03RE1[WS-AOC7-SO-9-3B]

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

2-Fluorobiphenyl
17G1256-03RE2[WS-AOC7-SO-9-3B]

Nitrobenzene-d5
17G1256-03RE2[WS-AOC7-SO-9-3B]

p-Terphenyl-d14
17G1256-03RE2[WS-AOC7-SO-9-3B]

SW-846 6010C/D SW-846 6020A/B

For NC, Metals methods SW-846 6010D and SW-846 6020B are followed, and for all other states methods SW-846 6010C and SW-846 6020A are followed.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-2 Sampled: 7/27/2017 13:12

Sample ID: 17G1256-01

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:37	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	73.3	30-150		8/16/17 2:37
Decachlorobiphenyl [2]	81.2	30-150		8/16/17 2:37
Tetrachloro-m-xylene [1]	85.4	30-150		8/16/17 2:37
Tetrachloro-m-xylene [2]	87.3	30-150		8/16/17 2:37

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-2 Sampled: 7/27/2017 13:12

Sample ID: 17G1256-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3A Sampled: 7/27/2017 13:14

Sample ID: 17G1256-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1260 [2]	0.56	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 2:55	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	71.7	30-150		8/16/17 2:55
Decachlorobiphenyl [2]	79.7	30-150		8/16/17 2:55
Tetrachloro-m-xylene [1]	81.1	30-150		8/16/17 2:55
Tetrachloro-m-xylene [2]	83.5	30-150		8/16/17 2:55

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3A Sampled: 7/27/2017 13:14

Sample ID: 17G1256-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3B Sampled: 7/27/2017 13:16

Sample ID: 17G1256-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.7	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Acrylonitrile	ND	0.57	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Benzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Bromobenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Bromodichloromethane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Bromoform	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Bromomethane	ND	0.57	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
2-Butanone (MEK)	ND	2.3	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
n-Butylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
sec-Butylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
tert-Butylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Carbon Disulfide	ND	0.34	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Carbon Tetrachloride	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Chlorobenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Chlorodibromomethane	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Chloroethane	ND	0.57	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Chloroform	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Chloromethane	ND	0.57	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
2-Chlorotoluene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
4-Chlorotoluene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.57	mg/Kg dry	2	V-05	SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2-Dibromoethane (EDB)	ND	0.057	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Dibromomethane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2-Dichlorobenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,3-Dichlorobenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,4-Dichlorobenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
trans-1,4-Dichloro-2-butene	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Dichlorodifluoromethane (Freon 12)	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1-Dichloroethane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2-Dichloroethane	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1-Dichloroethylene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
cis-1,2-Dichloroethylene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
trans-1,2-Dichloroethylene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2-Dichloropropane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,3-Dichloropropane	ND	0.057	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
2,2-Dichloropropane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1-Dichloropropene	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
cis-1,3-Dichloropropene	ND	0.057	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
trans-1,3-Dichloropropene	ND	0.057	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Ethylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Hexachlorobutadiene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
2-Hexanone (MBK)	ND	1.1	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Isopropylbenzene (Cumene)	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
p-Isopropyltoluene (p-Cymene)	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3B Sampled: 7/27/2017 13:16

Sample ID: 17G1256-03

Sample Matrix: Soil

Sample Flags: RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Methyl tert-Butyl Ether (MTBE)	ND	0.11	mg/Kg dry	2	L-03, V-05	SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Methylene Chloride	ND	0.57	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
4-Methyl-2-pentanone (MIBK)	ND	1.1	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Naphthalene	5.6	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
n-Propylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Styrene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1,1,2-Tetrachloroethane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1,2,2-Tetrachloroethane	ND	0.057	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Tetrachloroethylene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Tetrahydrofuran	ND	1.1	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Toluene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2,3-Trichlorobenzene	ND	0.57	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2,4-Trichlorobenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1,1-Trichloroethane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1,2-Trichloroethane	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Trichloroethylene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Trichlorofluoromethane (Freon 11)	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2,3-Trichloropropane	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,2,4-Trimethylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
1,3,5-Trimethylbenzene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
Vinyl Chloride	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
m+p Xylene	ND	0.23	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH
o-Xylene	ND	0.11	mg/Kg dry	2		SW-846 8260C	7/31/17	8/4/17 23:32	EEH

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
1,2-Dichloroethane-d4	87.5	70-130		8/4/17 23:32
Toluene-d8	96.0	70-130		8/4/17 23:32
4-Bromofluorobenzene	97.0	70-130		8/4/17 23:32

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3B Sampled: 7/27/2017 13:16

Sample ID: 17G1256-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	200	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Acenaphthene	690	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Acenaphthene	490	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Acenaphthylene	5.0	0.48	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Acenaphthylene	ND	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Acenaphthylene	150	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Anthracene	89	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Anthracene	500	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Anthracene	370	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Benzo(a)anthracene	140	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Benzo(a)anthracene	220	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Benzo(a)anthracene	210	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Benzo(a)pyrene	150	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Benzo(a)pyrene	72	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Benzo(a)pyrene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Benzo(b)fluoranthene	240	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Benzo(b)fluoranthene	100	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Benzo(b)fluoranthene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Benzo(g,h,i)perylene	35	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Benzo(g,h,i)perylene	23	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Benzo(g,h,i)perylene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Benzo(k)fluoranthene	59	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Benzo(k)fluoranthene	41	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Benzo(k)fluoranthene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Chrysene	120	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Chrysene	230	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Chrysene	210	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Dibenz(a,h)anthracene	11	0.48	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Dibenz(a,h)anthracene	ND	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Dibenz(a,h)anthracene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Fluoranthene	340	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Fluoranthene	1200	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Fluoranthene	1100	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Fluorene	140	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Fluorene	400	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Fluorene	310	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Indeno(1,2,3-cd)pyrene	37	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Indeno(1,2,3-cd)pyrene	23	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Indeno(1,2,3-cd)pyrene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
2-Methylnaphthalene	10	0.48	mg/Kg dry	1		SW-846 8270D	8/3/17	8/4/17 22:19	BGL
2-Methylnaphthalene	11	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL
2-Methylnaphthalene	ND	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Naphthalene	78	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Naphthalene	150	9.6	mg/Kg dry	20		SW-846 8270D	8/3/17	8/5/17 20:56	BGL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3B Sampled: 7/27/2017 13:16

Sample ID: 17G1256-03

Sample Matrix: Soil

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Naphthalene	130	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Phenanthrene	360	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Phenanthrene	1300	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Phenanthrene	1800	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL
Pyrene	170	0.48	mg/Kg dry	1	E	SW-846 8270D	8/3/17	8/4/17 22:19	BGL
Pyrene	1500	9.6	mg/Kg dry	20	E	SW-846 8270D	8/3/17	8/5/17 20:56	BGL
Pyrene	990	96	mg/Kg dry	200		SW-846 8270D	8/3/17	8/5/17 21:18	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	49.2	30-130		8/4/17 22:19
Nitrobenzene-d5	48.8	30-130		8/5/17 20:56
Nitrobenzene-d5	*	30-130	S-01	8/5/17 21:18
2-Fluorobiphenyl	32.9	30-130		8/4/17 22:19
2-Fluorobiphenyl	51.2	30-130		8/5/17 20:56
2-Fluorobiphenyl	*	30-130	S-01	8/5/17 21:18
p-Terphenyl-d14	52.0	30-130		8/4/17 22:19
p-Terphenyl-d14	79.2	30-130		8/5/17 20:56
p-Terphenyl-d14	*	30-130	S-01	8/5/17 21:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3B Sampled: 7/27/2017 13:16

Sample ID: 17G1256-03

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	7300	1400	mg/Kg dry	50		CTDEP ETPH	8/3/17	8/7/17 20:46	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/7/17 20:46

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-9-3B Sampled: 7/27/2017 13:16

Sample ID: 17G1256-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	70.6		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-1 Sampled: 7/27/2017 13:30

Sample ID: 17G1256-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1221 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1232 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1242 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1248 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1254 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1260 [2]	0.16	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1262 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG
Aroclor-1268 [1]	ND	0.10	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:13	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.6	30-150		8/16/17 3:13
Decachlorobiphenyl [2]	76.7	30-150		8/16/17 3:13
Tetrachloro-m-xylene [1]	86.2	30-150		8/16/17 3:13
Tetrachloro-m-xylene [2]	90.7	30-150		8/16/17 3:13

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-1 Sampled: 7/27/2017 13:30

Sample ID: 17G1256-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-2 Sampled: 7/27/2017 13:32

Sample ID: 17G1256-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:31	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.8	30-150		8/16/17 3:31
Decachlorobiphenyl [2]	75.5	30-150		8/16/17 3:31
Tetrachloro-m-xylene [1]	88.1	30-150		8/16/17 3:31
Tetrachloro-m-xylene [2]	91.7	30-150		8/16/17 3:31

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-2 Sampled: 7/27/2017 13:32

Sample ID: 17G1256-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-3A Sampled: 7/27/2017 13:34

Sample ID: 17G1256-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 3:49	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	40.4	30-150		8/16/17 3:49
Decachlorobiphenyl [2]	50.6	30-150		8/16/17 3:49
Tetrachloro-m-xylene [1]	50.4	30-150		8/16/17 3:49
Tetrachloro-m-xylene [2]	56.2	30-150		8/16/17 3:49

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-3A Sampled: 7/27/2017 13:34

Sample ID: 17G1256-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.0		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-3B Sampled: 7/27/2017 13:36

Sample ID: 17G1256-07

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	580	240	mg/Kg dry	20		CTDEP ETPH	8/3/17	8/6/17 22:38	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/6/17 22:38

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-10-3B Sampled: 7/27/2017 13:36

Sample ID: 17G1256-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-1 Sampled: 7/27/2017 13:47

Sample ID: 17G1256-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:06	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	47.7	30-150		8/16/17 4:06
Decachlorobiphenyl [2]	57.2	30-150		8/16/17 4:06
Tetrachloro-m-xylene [1]	56.2	30-150		8/16/17 4:06
Tetrachloro-m-xylene [2]	63.5	30-150		8/16/17 4:06

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-1 Sampled: 7/27/2017 13:47

Sample ID: 17G1256-08

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	6300	1100	mg/Kg dry	100		CTDEP ETPH	8/3/17	8/6/17 22:55	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	76.7	50-150		8/6/17 22:55

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-1 Sampled: 7/27/2017 13:47

Sample ID: 17G1256-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-2 Sampled: 7/27/2017 13:48

Sample ID: 17G1256-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1221 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1232 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1242 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1248 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1254 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1260 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1262 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG
Aroclor-1268 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 4:25	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	78.9	30-150		8/16/17 4:25
Decachlorobiphenyl [2]	87.4	30-150		8/16/17 4:25
Tetrachloro-m-xylene [1]	85.1	30-150		8/16/17 4:25
Tetrachloro-m-xylene [2]	94.8	30-150		8/16/17 4:25

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-2 Sampled: 7/27/2017 13:48

Sample ID: 17G1256-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	450	130	mg/Kg dry	5		CTDEP ETPH	8/7/17	8/8/17 10:34	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	87.8	50-150		8/8/17 10:34

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-2 Sampled: 7/27/2017 13:48

Sample ID: 17G1256-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	39.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-3 Sampled: 7/27/2017 13:49

Sample ID: 17G1256-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1221 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1232 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1242 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1248 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1254 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1260 [2]	0.34	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1262 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG
Aroclor-1268 [1]	ND	0.25	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:32	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	65.9	30-150		8/16/17 5:32
Decachlorobiphenyl [2]	80.7	30-150		8/16/17 5:32
Tetrachloro-m-xylene [1]	70.3	30-150		8/16/17 5:32
Tetrachloro-m-xylene [2]	78.4	30-150		8/16/17 5:32

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-3 Sampled: 7/27/2017 13:49

Sample ID: 17G1256-10

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	9000	2500	mg/Kg dry	100		CTDEP ETPH	8/3/17	8/7/17 21:04	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	*	50-150	S-01	8/7/17 21:04

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-20-3 Sampled: 7/27/2017 13:49

Sample ID: 17G1256-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	40.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-1 Sampled: 7/27/2017 13:50

Sample ID: 17G1256-11

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 5:50	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.7	30-150		8/16/17 5:50
Decachlorobiphenyl [2]	99.2	30-150		8/16/17 5:50
Tetrachloro-m-xylene [1]	95.4	30-150		8/16/17 5:50
Tetrachloro-m-xylene [2]	101	30-150		8/16/17 5:50

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-1 Sampled: 7/27/2017 13:50

Sample ID: 17G1256-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.2		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-2 Sampled: 7/27/2017 13:52

Sample ID: 17G1256-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:07	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	65.7	30-150		8/16/17 6:07
Decachlorobiphenyl [2]	77.9	30-150		8/16/17 6:07
Tetrachloro-m-xylene [1]	82.0	30-150		8/16/17 6:07
Tetrachloro-m-xylene [2]	87.4	30-150		8/16/17 6:07

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-2 Sampled: 7/27/2017 13:52

Sample ID: 17G1256-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.5		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-3A Sampled: 7/27/2017 13:54

Sample ID: 17G1256-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:25	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	71.8	30-150		8/16/17 6:25
Decachlorobiphenyl [2]	84.6	30-150		8/16/17 6:25
Tetrachloro-m-xylene [1]	83.3	30-150		8/16/17 6:25
Tetrachloro-m-xylene [2]	85.6	30-150		8/16/17 6:25

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-3A Sampled: 7/27/2017 13:54

Sample ID: 17G1256-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-3B Sampled: 7/27/2017 13:56

Sample ID: 17G1256-14

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	130	60	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/6/17 23:13	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	75.7	50-150		8/6/17 23:13

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-3B Sampled: 7/27/2017 13:56

Sample ID: 17G1256-14

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Antimony	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Arsenic	3.0	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Barium	27	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Beryllium	ND	0.28	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Cadmium	ND	0.28	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Chromium	11	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Copper	21	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Lead	27	0.84	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Mercury	0.15	0.029	mg/Kg dry	1		SW-846 7471B	8/3/17	8/5/17 13:18	TJK
Nickel	7.6	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Thallium	ND	2.8	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Vanadium	79	1.1	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW
Zinc	26	1.1	mg/Kg dry	1		SW-846 6010C-D	8/3/17	8/7/17 11:58	QNW

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-12-3B Sampled: 7/27/2017 13:56

Sample ID: 17G1256-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-1 Sampled: 7/27/2017 13:40

Sample ID: 17G1256-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1260 [2]	0.32	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 6:42	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.4	30-150		8/16/17 6:42
Decachlorobiphenyl [2]	70.2	30-150		8/16/17 6:42
Tetrachloro-m-xylene [1]	80.8	30-150		8/16/17 6:42
Tetrachloro-m-xylene [2]	85.4	30-150		8/16/17 6:42

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-1 Sampled: 7/27/2017 13:40

Sample ID: 17G1256-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-2 Sampled: 7/27/2017 13:42

Sample ID: 17G1256-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:01	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	62.6	30-150		8/16/17 7:01
Decachlorobiphenyl [2]	77.7	30-150		8/16/17 7:01
Tetrachloro-m-xylene [1]	72.3	30-150		8/16/17 7:01
Tetrachloro-m-xylene [2]	82.6	30-150		8/16/17 7:01

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-2 Sampled: 7/27/2017 13:42

Sample ID: 17G1256-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-3A Sampled: 7/27/2017 13:44

Sample ID: 17G1256-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:18	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	75.9	30-150		8/16/17 7:18
Decachlorobiphenyl [2]	86.6	30-150		8/16/17 7:18
Tetrachloro-m-xylene [1]	88.1	30-150		8/16/17 7:18
Tetrachloro-m-xylene [2]	90.6	30-150		8/16/17 7:18

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-3A Sampled: 7/27/2017 13:44

Sample ID: 17G1256-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-3B Sampled: 7/27/2017 13:46

Sample ID: 17G1256-18

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	67	59	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/6/17 23:30	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	67.8	50-150		8/6/17 23:30

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-11-3B Sampled: 7/27/2017 13:46

Sample ID: 17G1256-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.1		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-1 Sampled: 7/27/2017 14:00

Sample ID: 17G1256-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1260 [2]	1.1	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:36	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	70.5	30-150		8/16/17 7:36
Decachlorobiphenyl [2]	84.1	30-150		8/16/17 7:36
Tetrachloro-m-xylene [1]	85.1	30-150		8/16/17 7:36
Tetrachloro-m-xylene [2]	88.7	30-150		8/16/17 7:36

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-1 Sampled: 7/27/2017 14:00

Sample ID: 17G1256-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	91.1		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-2A Sampled: 7/27/2017 14:02

Sample ID: 17G1256-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1260 [1]	0.39	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 7:54	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	67.5	30-150		8/16/17 7:54
Decachlorobiphenyl [2]	78.9	30-150		8/16/17 7:54
Tetrachloro-m-xylene [1]	82.5	30-150		8/16/17 7:54
Tetrachloro-m-xylene [2]	83.1	30-150		8/16/17 7:54

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1256

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-2A Sampled: 7/27/2017 14:02

Sample ID: 17G1256-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1256-03 [WS-AOC7-SO-9-3B]	B183276	15.0	1.00	08/03/17
17G1256-07 [WS-AOC7-SO-10-3B]	B183276	30.0	1.00	08/03/17
17G1256-08 [WS-AOC7-SO-20-1]	B183276	30.0	1.00	08/03/17
17G1256-10 [WS-AOC7-SO-20-3]	B183276	30.0	1.00	08/03/17
17G1256-14 [WS-AOC7-SO-12-3B]	B183276	30.0	1.00	08/03/17
17G1256-18 [WS-AOC7-SO-11-3B]	B183276	30.0	1.00	08/03/17

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1256-09RE1 [WS-AOC7-SO-20-2]	B183484	30.0	1.00	08/07/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G1256-01 [WS-AOC7-SO-9-2]	B183217	08/03/17
17G1256-02 [WS-AOC7-SO-9-3A]	B183217	08/03/17
17G1256-03 [WS-AOC7-SO-9-3B]	B183217	08/03/17
17G1256-04 [WS-AOC7-SO-10-1]	B183217	08/03/17
17G1256-05 [WS-AOC7-SO-10-2]	B183217	08/03/17
17G1256-06 [WS-AOC7-SO-10-3A]	B183217	08/03/17
17G1256-07 [WS-AOC7-SO-10-3B]	B183217	08/03/17
17G1256-08 [WS-AOC7-SO-20-1]	B183217	08/03/17
17G1256-09 [WS-AOC7-SO-20-2]	B183217	08/03/17
17G1256-10 [WS-AOC7-SO-20-3]	B183217	08/03/17
17G1256-11 [WS-AOC7-SO-12-1]	B183217	08/03/17
17G1256-12 [WS-AOC7-SO-12-2]	B183217	08/03/17
17G1256-13 [WS-AOC7-SO-12-3A]	B183217	08/03/17
17G1256-14 [WS-AOC7-SO-12-3B]	B183217	08/03/17
17G1256-15 [WS-AOC7-SO-11-1]	B183217	08/03/17
17G1256-16 [WS-AOC7-SO-11-2]	B183217	08/03/17
17G1256-17 [WS-AOC7-SO-11-3A]	B183217	08/03/17
17G1256-18 [WS-AOC7-SO-11-3B]	B183217	08/03/17
17G1256-19 [WS-AOC7-SO-15-1]	B183217	08/03/17
17G1256-20 [WS-AOC7-SO-15-2A]	B183217	08/03/17

Prep Method: SW-846 3050B-SW-846 6010C-D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1256-14 [WS-AOC7-SO-12-3B]	B183203	1.07	50.0	08/03/17

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1256-14 [WS-AOC7-SO-12-3B]	B183214	0.610	50.0	08/03/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date

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Sample Extraction Data

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1256-01 [WS-AOC7-SO-9-2]	B183286	10.0	10.0	08/03/17
17G1256-02 [WS-AOC7-SO-9-3A]	B183286	10.0	10.0	08/03/17
17G1256-04 [WS-AOC7-SO-10-1]	B183286	10.0	10.0	08/03/17
17G1256-05 [WS-AOC7-SO-10-2]	B183286	10.0	10.0	08/03/17
17G1256-06 [WS-AOC7-SO-10-3A]	B183286	10.0	10.0	08/03/17
17G1256-08 [WS-AOC7-SO-20-1]	B183286	10.0	10.0	08/03/17
17G1256-09 [WS-AOC7-SO-20-2]	B183286	10.0	10.0	08/03/17
17G1256-10 [WS-AOC7-SO-20-3]	B183286	10.0	10.0	08/03/17
17G1256-11 [WS-AOC7-SO-12-1]	B183286	10.0	10.0	08/03/17
17G1256-12 [WS-AOC7-SO-12-2]	B183286	10.0	10.0	08/03/17
17G1256-13 [WS-AOC7-SO-12-3A]	B183286	10.0	10.0	08/03/17
17G1256-15 [WS-AOC7-SO-11-1]	B183286	10.0	10.0	08/03/17
17G1256-16 [WS-AOC7-SO-11-2]	B183286	10.0	10.0	08/03/17
17G1256-17 [WS-AOC7-SO-11-3A]	B183286	10.0	10.0	08/03/17
17G1256-19 [WS-AOC7-SO-15-1]	B183286	10.0	10.0	08/03/17
17G1256-20 [WS-AOC7-SO-15-2A]	B183286	10.0	10.0	08/03/17

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Sample Amount(g)	Methanol Volume(mL)	Methanol Aliquot(mL)	Final Volume(mL)	Date
17G1256-03 [WS-AOC7-SO-9-3B]	B182955	9.81	7.88	0.5	50	07/31/17

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1256-03 [WS-AOC7-SO-9-3B]	B183204	15.0	1.00	08/03/17
17G1256-03RE1 [WS-AOC7-SO-9-3B]	B183204	15.0	1.00	08/03/17
17G1256-03RE2 [WS-AOC7-SO-9-3B]	B183204	15.0	1.00	08/03/17

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182955 - SW-846 5035										
Blank (B182955-BLK1)				Prepared: 07/31/17 Analyzed: 08/04/17						
Acetone	ND	2.5	mg/Kg wet							
Acrylonitrile	ND	0.25	mg/Kg wet							
Benzene	ND	0.050	mg/Kg wet							
Bromobenzene	ND	0.050	mg/Kg wet							
Bromodichloromethane	ND	0.050	mg/Kg wet							
Bromoform	ND	0.050	mg/Kg wet							
Bromomethane	ND	0.10	mg/Kg wet							
2-Butanone (MEK)	ND	1.0	mg/Kg wet							
n-Butylbenzene	ND	0.050	mg/Kg wet							
sec-Butylbenzene	ND	0.050	mg/Kg wet							
tert-Butylbenzene	ND	0.050	mg/Kg wet							
Carbon Disulfide	ND	0.15	mg/Kg wet							
Carbon Tetrachloride	ND	0.050	mg/Kg wet							
Chlorobenzene	ND	0.050	mg/Kg wet							
Chlorodibromomethane	ND	0.025	mg/Kg wet							
Chloroethane	ND	0.10	mg/Kg wet							
Chloroform	ND	0.10	mg/Kg wet							
Chloromethane	ND	0.10	mg/Kg wet							
2-Chlorotoluene	ND	0.050	mg/Kg wet							
4-Chlorotoluene	ND	0.050	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.25	mg/Kg wet							V-05
1,2-Dibromoethane (EDB)	ND	0.025	mg/Kg wet							
Dibromomethane	ND	0.050	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.050	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.050	mg/Kg wet							
trans-1,4-Dichloro-2-butene	ND	0.10	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.10	mg/Kg wet							
1,1-Dichloroethane	ND	0.050	mg/Kg wet							
1,2-Dichloroethane	ND	0.050	mg/Kg wet							
1,1-Dichloroethylene	ND	0.050	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.050	mg/Kg wet							
1,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,3-Dichloropropane	ND	0.025	mg/Kg wet							
2,2-Dichloropropane	ND	0.050	mg/Kg wet							
1,1-Dichloropropene	ND	0.10	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.025	mg/Kg wet							
Ethylbenzene	ND	0.050	mg/Kg wet							
Hexachlorobutadiene	ND	0.050	mg/Kg wet							
2-Hexanone (MBK)	ND	0.50	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.050	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.050	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.050	mg/Kg wet							L-03, V-05
Methylene Chloride	ND	0.25	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.50	mg/Kg wet							
Naphthalene	ND	0.10	mg/Kg wet							
n-Propylbenzene	ND	0.050	mg/Kg wet							
Styrene	ND	0.050	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.050	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.025	mg/Kg wet							

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B182955 - SW-846 5035										
Blank (B182955-BLK1)				Prepared: 07/31/17 Analyzed: 08/04/17						
Tetrachloroethylene	ND	0.050	mg/Kg wet							
Tetrahydrofuran	ND	0.50	mg/Kg wet							
Toluene	ND	0.050	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.25	mg/Kg wet							
1,2,4-Trichlorobenzene	ND	0.050	mg/Kg wet							
1,1,1-Trichloroethane	ND	0.050	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.050	mg/Kg wet							
Trichloroethylene	ND	0.050	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.10	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.10	mg/Kg wet							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.050	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.050	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.050	mg/Kg wet							
Vinyl Chloride	ND	0.10	mg/Kg wet							
m+p Xylene	ND	0.10	mg/Kg wet							
o-Xylene	ND	0.050	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	*0.0228*		mg/Kg wet	0.0250		91.0	70-130			
Surrogate: Toluene-d8	*0.0241*		mg/Kg wet	0.0250		96.6	70-130			
Surrogate: 4-Bromofluorobenzene	*0.0238*		mg/Kg wet	0.0250		95.2	70-130			
LCS (B182955-BS1)				Prepared: 07/31/17 Analyzed: 08/04/17						
Acetone	0.0838	0.057	mg/Kg wet	0.113		74.0	70-130			
Acrylonitrile	0.00938	0.0057	mg/Kg wet	0.0113		82.8	70-130			
Benzene	0.0109	0.0011	mg/Kg wet	0.0113		96.2	70-130			
Bromobenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
Bromodichloromethane	0.0114	0.0011	mg/Kg wet	0.0113		100	70-130			
Bromoform	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
Bromomethane	0.00953	0.0023	mg/Kg wet	0.0113		84.1	70-130			
2-Butanone (MEK)	0.0969	0.023	mg/Kg wet	0.113		85.5	70-130			
n-Butylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105	70-130			
sec-Butylbenzene	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
tert-Butylbenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
Carbon Disulfide	0.115	0.0034	mg/Kg wet	0.113		101	70-130			
Carbon Tetrachloride	0.0116	0.0011	mg/Kg wet	0.0113		103	70-130			
Chlorobenzene	0.0126	0.0011	mg/Kg wet	0.0113		111	70-130			
Chlorodibromomethane	0.0121	0.00057	mg/Kg wet	0.0113		107	70-130			
Chloroethane	0.0145	0.0023	mg/Kg wet	0.0113		128	70-130			
Chloroform	0.0111	0.0023	mg/Kg wet	0.0113		98.1	70-130			
Chloromethane	0.0143	0.0023	mg/Kg wet	0.0113		126	70-130			
2-Chlorotoluene	0.00986	0.0011	mg/Kg wet	0.0113		87.0	70-130			
4-Chlorotoluene	0.0114	0.0011	mg/Kg wet	0.0113		101	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.00876	0.0057	mg/Kg wet	0.0113		77.3	70-130			V-05
1,2-Dibromoethane (EDB)	0.0120	0.00057	mg/Kg wet	0.0113		106	70-130			
Dibromomethane	0.0118	0.0011	mg/Kg wet	0.0113		104	70-130			
1,2-Dichlorobenzene	0.0125	0.0011	mg/Kg wet	0.0113		111	70-130			
1,3-Dichlorobenzene	0.0123	0.0011	mg/Kg wet	0.0113		108	70-130			
1,4-Dichlorobenzene	0.0120	0.0011	mg/Kg wet	0.0113		106	70-130			
trans-1,4-Dichloro-2-butene	0.0111	0.0023	mg/Kg wet	0.0113		97.7	70-130			
Dichlorodifluoromethane (Freon 12)	0.0119	0.0023	mg/Kg wet	0.0113		105	70-130			
1,1-Dichloroethane	0.00918	0.0011	mg/Kg wet	0.0113		81.0	70-130			
1,2-Dichloroethane	0.0115	0.0011	mg/Kg wet	0.0113		101	70-130			
1,1-Dichloroethylene	0.0102	0.0011	mg/Kg wet	0.0113		89.8	70-130			

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QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC		%REC Limits	RPD	RPD Limit	Notes
Batch B182955 - SW-846 5035											
LCS (B182955-BS1)				Prepared: 07/31/17 Analyzed: 08/04/17							
cis-1,2-Dichloroethylene	0.0106	0.0011	mg/Kg wet	0.0113		93.7		70-130			
trans-1,2-Dichloroethylene	0.0102	0.0011	mg/Kg wet	0.0113		89.9		70-130			
1,2-Dichloropropane	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130			
1,3-Dichloropropane	0.0114	0.00057	mg/Kg wet	0.0113		101		70-130			
2,2-Dichloropropane	0.0113	0.0011	mg/Kg wet	0.0113		99.4		70-130			
1,1-Dichloropropene	0.0116	0.0023	mg/Kg wet	0.0113		102		70-130			
cis-1,3-Dichloropropene	0.0119	0.00057	mg/Kg wet	0.0113		105		70-130			
trans-1,3-Dichloropropene	0.0103	0.00057	mg/Kg wet	0.0113		90.8		70-130			
Ethylbenzene	0.0126	0.0011	mg/Kg wet	0.0113		111		70-130			
Hexachlorobutadiene	0.0129	0.0011	mg/Kg wet	0.0113		114		70-130			
2-Hexanone (MBK)	0.0934	0.011	mg/Kg wet	0.113		82.4		70-130			
Isopropylbenzene (Cumene)	0.0125	0.0011	mg/Kg wet	0.0113		111		70-130			
p-Isopropyltoluene (p-Cymene)	0.0121	0.0011	mg/Kg wet	0.0113		106		70-130			
Methyl tert-Butyl Ether (MTBE)	0.00683	0.0011	mg/Kg wet	0.0113		**60.3**	*	70-130			L-03, V-05
Methylene Chloride	0.00814	0.0057	mg/Kg wet	0.0113		71.8		70-130			
4-Methyl-2-pentanone (MIBK)	0.101	0.011	mg/Kg wet	0.113		89.2		70-130			
Naphthalene	0.0110	0.0023	mg/Kg wet	0.0113		96.8		70-130			
n-Propylbenzene	0.0130	0.0011	mg/Kg wet	0.0113		115		70-130			
Styrene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130			
1,1,1,2-Tetrachloroethane	0.0129	0.0011	mg/Kg wet	0.0113		114		70-130			
1,1,2,2-Tetrachloroethane	0.0121	0.00057	mg/Kg wet	0.0113		107		70-130			
Tetrachloroethylene	0.0133	0.0011	mg/Kg wet	0.0113		117		70-130			
Tetrahydrofuran	0.00890	0.011	mg/Kg wet	0.0113		78.5		70-130			
Toluene	0.0118	0.0011	mg/Kg wet	0.0113		104		70-130			
1,2,3-Trichlorobenzene	0.0117	0.0057	mg/Kg wet	0.0113		103		70-130			
1,2,4-Trichlorobenzene	0.0121	0.0011	mg/Kg wet	0.0113		107		70-130			
1,1,1-Trichloroethane	0.0111	0.0011	mg/Kg wet	0.0113		98.2		70-130			
1,1,2-Trichloroethane	0.0120	0.0011	mg/Kg wet	0.0113		106		70-130			
Trichloroethylene	0.0123	0.0011	mg/Kg wet	0.0113		109		70-130			
Trichlorofluoromethane (Freon 11)	0.0110	0.0023	mg/Kg wet	0.0113		97.2		70-130			
1,2,3-Trichloropropane	0.0120	0.0023	mg/Kg wet	0.0113		106		70-130			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	0.0112	0.0011	mg/Kg wet	0.0113		99.0		70-130			
1,2,4-Trimethylbenzene	0.0119	0.0011	mg/Kg wet	0.0113		105		70-130			
1,3,5-Trimethylbenzene	0.0124	0.0011	mg/Kg wet	0.0113		110		70-130			
Vinyl Chloride	0.0107	0.0023	mg/Kg wet	0.0113		94.4		70-130			
m+p Xylene	0.0251	0.0023	mg/Kg wet	0.0227		111		70-130			
o-Xylene	0.0127	0.0011	mg/Kg wet	0.0113		112		70-130			
Surrogate: 1,2-Dichloroethane-d4	*0.0255*		mg/Kg wet	0.0283		90.1		70-130			
Surrogate: Toluene-d8	*0.0276*		mg/Kg wet	0.0283		97.5		70-130			
Surrogate: 4-Bromofluorobenzene	*0.0278*		mg/Kg wet	0.0283		98.1		70-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
Blank (B183204-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	ND	0.17	mg/Kg wet							
Acenaphthylene	ND	0.17	mg/Kg wet							
Anthracene	ND	0.17	mg/Kg wet							
Benzo(a)anthracene	ND	0.17	mg/Kg wet							
Benzo(a)pyrene	ND	0.17	mg/Kg wet							
Benzo(b)fluoranthene	ND	0.17	mg/Kg wet							
Benzo(g,h,i)perylene	ND	0.17	mg/Kg wet							
Benzo(k)fluoranthene	ND	0.17	mg/Kg wet							
Chrysene	ND	0.17	mg/Kg wet							
Dibenz(a,h)anthracene	ND	0.17	mg/Kg wet							
Fluoranthene	ND	0.17	mg/Kg wet							
Fluorene	ND	0.17	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	ND	0.17	mg/Kg wet							
2-Methylnaphthalene	ND	0.17	mg/Kg wet							
Naphthalene	ND	0.17	mg/Kg wet							
Phenanthrene	ND	0.17	mg/Kg wet							
Pyrene	ND	0.17	mg/Kg wet							
Surrogate: Nitrobenzene-d5	*2.14*		mg/Kg wet	3.33		64.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.15*		mg/Kg wet	3.33		64.4	30-130			
Surrogate: p-Terphenyl-d14	*2.52*		mg/Kg wet	3.33		75.7	30-130			
LCS (B183204-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.09	0.17	mg/Kg wet	1.67		65.6	40-140			
Acenaphthylene	1.11	0.17	mg/Kg wet	1.67		66.5	40-140			
Anthracene	1.08	0.17	mg/Kg wet	1.67		64.8	40-140			
Benzo(a)anthracene	1.13	0.17	mg/Kg wet	1.67		67.8	40-140			
Benzo(a)pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Benzo(b)fluoranthene	1.10	0.17	mg/Kg wet	1.67		66.2	40-140			
Benzo(g,h,i)perylene	0.934	0.17	mg/Kg wet	1.67		56.0	40-140			
Benzo(k)fluoranthene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140			
Chrysene	1.08	0.17	mg/Kg wet	1.67		65.0	40-140			
Dibenz(a,h)anthracene	0.917	0.17	mg/Kg wet	1.67		55.0	40-140			
Fluoranthene	1.03	0.17	mg/Kg wet	1.67		62.0	40-140			
Fluorene	1.13	0.17	mg/Kg wet	1.67		67.9	40-140			
Indeno(1,2,3-cd)pyrene	0.941	0.17	mg/Kg wet	1.67		56.5	40-140			
2-Methylnaphthalene	1.19	0.17	mg/Kg wet	1.67		71.6	40-140			
Naphthalene	1.11	0.17	mg/Kg wet	1.67		66.6	40-140			
Phenanthrene	1.09	0.17	mg/Kg wet	1.67		65.4	40-140			
Pyrene	1.14	0.17	mg/Kg wet	1.67		68.2	40-140			
Surrogate: Nitrobenzene-d5	*2.64*		mg/Kg wet	3.33		79.3	30-130			
Surrogate: 2-Fluorobiphenyl	*2.63*		mg/Kg wet	3.33		78.9	30-130			
Surrogate: p-Terphenyl-d14	*2.55*		mg/Kg wet	3.33		76.5	30-130			

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QUALITY CONTROL

Semivolatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183204 - SW-846 3546										
LCS Dup (B183204-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
Acenaphthene	1.00	0.17	mg/Kg wet	1.67		60.3	40-140	8.39	30	
Acenaphthylene	1.00	0.17	mg/Kg wet	1.67		60.1	40-140	10.1	30	
Anthracene	1.01	0.17	mg/Kg wet	1.67		60.9	40-140	6.27	30	
Benzo(a)anthracene	1.06	0.17	mg/Kg wet	1.67		63.5	40-140	6.55	30	
Benzo(a)pyrene	1.09	0.17	mg/Kg wet	1.67		65.5	40-140	4.07	30	
Benzo(b)fluoranthene	1.04	0.17	mg/Kg wet	1.67		62.6	40-140	5.53	30	
Benzo(g,h,i)perylene	0.891	0.17	mg/Kg wet	1.67		53.5	40-140	4.68	30	
Benzo(k)fluoranthene	1.06	0.17	mg/Kg wet	1.67		63.8	40-140	2.69	30	
Chrysene	1.02	0.17	mg/Kg wet	1.67		61.5	40-140	5.47	30	
Dibenz(a,h)anthracene	0.882	0.17	mg/Kg wet	1.67		52.9	40-140	3.89	30	
Fluoranthene	0.965	0.17	mg/Kg wet	1.67		57.9	40-140	6.90	30	
Fluorene	1.01	0.17	mg/Kg wet	1.67		60.8	40-140	11.1	30	
Indeno(1,2,3-cd)pyrene	0.869	0.17	mg/Kg wet	1.67		52.1	40-140	7.96	30	
2-Methylnaphthalene	1.04	0.17	mg/Kg wet	1.67		62.7	40-140	13.3	30	
Naphthalene	0.964	0.17	mg/Kg wet	1.67		57.8	40-140	14.1	30	
Phenanthrene	1.01	0.17	mg/Kg wet	1.67		60.7	40-140	7.46	30	
Pyrene	1.07	0.17	mg/Kg wet	1.67		64.0	40-140	6.35	30	
Surrogate: Nitrobenzene-d5	*2.27*		mg/Kg wet	3.33		68.2	30-130			
Surrogate: 2-Fluorobiphenyl	*2.38*		mg/Kg wet	3.33		71.4	30-130			
Surrogate: p-Terphenyl-d14	*2.40*		mg/Kg wet	3.33		72.1	30-130			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183286 - SW-846 3540C										
Blank (B183286-BLK1)				Prepared: 08/03/17 Analyzed: 08/16/17						
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	*0.157*		mg/Kg wet	0.200		78.7	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.181*		mg/Kg wet	0.200		90.3	30-150			
Surrogate: Tetrachloro-m-xylene	*0.167*		mg/Kg wet	0.200		83.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.183*		mg/Kg wet	0.200		91.6	30-150			
LCS (B183286-BS1)				Prepared: 08/03/17 Analyzed: 08/16/17						
Aroclor-1016	0.20	0.020	mg/Kg wet	0.200		98.8	40-140			
Aroclor-1016 [2C]	0.21	0.020	mg/Kg wet	0.200		104	40-140			
Aroclor-1260	0.18	0.020	mg/Kg wet	0.200		88.3	40-140			
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		91.5	40-140			
Surrogate: Decachlorobiphenyl	*0.172*		mg/Kg wet	0.200		85.8	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.199*		mg/Kg wet	0.200		99.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.180*		mg/Kg wet	0.200		90.0	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.6	30-150			
LCS Dup (B183286-BSD1)				Prepared: 08/03/17 Analyzed: 08/16/17						
Aroclor-1016	0.19	0.020	mg/Kg wet	0.200		96.1	40-140	2.83	30	
Aroclor-1016 [2C]	0.20	0.020	mg/Kg wet	0.200		99.5	40-140	3.98	30	
Aroclor-1260	0.17	0.020	mg/Kg wet	0.200		86.5	40-140	2.16	30	
Aroclor-1260 [2C]	0.18	0.020	mg/Kg wet	0.200		88.7	40-140	3.06	30	
Surrogate: Decachlorobiphenyl	*0.172*		mg/Kg wet	0.200		86.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.195*		mg/Kg wet	0.200		97.6	30-150			
Surrogate: Tetrachloro-m-xylene	*0.179*		mg/Kg wet	0.200		89.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.197*		mg/Kg wet	0.200		98.5	30-150			

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QUALITY CONTROL

Polychlorinated Biphenyls with 3540 Soxhlet Extraction - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183286 - SW-846 3540C										
Matrix Spike (B183286-MS1)		**Source: 17G1256-01**		Prepared: 08/03/17 Analyzed: 08/16/17						
Aroclor-1016	0.24	0.11	mg/Kg dry	0.220	ND	107	40-140			
Aroclor-1016 [2C]	0.24	0.11	mg/Kg dry	0.220	ND	108	40-140			
Aroclor-1260	0.27	0.11	mg/Kg dry	0.220	ND	120	40-140			
Aroclor-1260 [2C]	0.27	0.11	mg/Kg dry	0.220	ND	124	40-140			
Surrogate: Decachlorobiphenyl	*0.165*		mg/Kg dry	0.220		75.0	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.178*		mg/Kg dry	0.220		80.8	30-150			
Surrogate: Tetrachloro-m-xylene	*0.184*		mg/Kg dry	0.220		83.5	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.193*		mg/Kg dry	0.220		87.7	30-150			
Matrix Spike Dup (B183286-MSD1)		**Source: 17G1256-01**		Prepared: 08/03/17 Analyzed: 08/16/17						
Aroclor-1016	0.23	0.11	mg/Kg dry	0.220	ND	103	40-140	3.58	50	
Aroclor-1016 [2C]	0.24	0.11	mg/Kg dry	0.220	ND	108	40-140	0.188	50	
Aroclor-1260	0.25	0.11	mg/Kg dry	0.220	ND	112	40-140	7.40	50	
Aroclor-1260 [2C]	0.24	0.11	mg/Kg dry	0.220	ND	111	40-140	11.3	50	
Surrogate: Decachlorobiphenyl	*0.162*		mg/Kg dry	0.220		73.5	30-150			
Surrogate: Decachlorobiphenyl [2C]	*0.176*		mg/Kg dry	0.220		80.0	30-150			
Surrogate: Tetrachloro-m-xylene	*0.177*		mg/Kg dry	0.220		80.3	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	*0.186*		mg/Kg dry	0.220		84.2	30-150			

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QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183276 - SW-846 3546										
Blank (B183276-BLK1)				Prepared: 08/03/17 Analyzed: 08/04/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*3.29*		mg/Kg wet	3.33		98.8	50-150			
LCS (B183276-BS1)				Prepared: 08/03/17 Analyzed: 08/04/17						
CT ETPH	28.8	10	mg/Kg wet	33.3		86.3	60-120			
Surrogate: o-Terphenyl	*2.70*		mg/Kg wet	3.33		80.9	50-150			
LCS Dup (B183276-BSD1)				Prepared: 08/03/17 Analyzed: 08/04/17						
CT ETPH	30.5	10	mg/Kg wet	33.3		91.6	60-120	5.93	30	
Surrogate: o-Terphenyl	*2.84*		mg/Kg wet	3.33		85.3	50-150			
Batch B183484 - SW-846 3546										
Blank (B183484-BLK1)				Prepared & Analyzed: 08/07/17						
CT ETPH	ND	10	mg/Kg wet							
Surrogate: o-Terphenyl	*2.57*		mg/Kg wet	3.33		77.0	50-150			
LCS (B183484-BS1)				Prepared & Analyzed: 08/07/17						
CT ETPH	24.2	10	mg/Kg wet	33.3		72.7	60-120			
Surrogate: o-Terphenyl	*2.75*		mg/Kg wet	3.33		82.5	50-150			
LCS Dup (B183484-BSD1)				Prepared & Analyzed: 08/07/17						
CT ETPH	23.9	10	mg/Kg wet	33.3		71.6	60-120	1.43	30	
Surrogate: o-Terphenyl	*2.64*		mg/Kg wet	3.33		79.3	50-150			

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183203 - SW-846 3050B										
Blank (B183203-BLK1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	ND	2.5	mg/Kg wet							
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Beryllium	ND	0.25	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Copper	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Nickel	ND	0.50	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
Thallium	ND	2.5	mg/Kg wet							
Vanadium	ND	1.0	mg/Kg wet							
Zinc	ND	1.0	mg/Kg wet							
LCS (B183203-BS1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	72.0	5.0	mg/Kg wet	88.2		81.6	0-210.3			
Arsenic	55.2	5.0	mg/Kg wet	57.0		96.8	77.8-122.1			
Barium	108	5.0	mg/Kg wet	110		98.2	82-117.4			
Beryllium	68.1	0.50	mg/Kg wet	67.5		101	82.3-117.7			
Cadmium	77.4	0.50	mg/Kg wet	77.8		99.5	81.9-118.2			
Chromium	63.7	1.0	mg/Kg wet	65.0		97.9	78.7-120.6			
Copper	58.6	1.0	mg/Kg wet	56.4		104	80.4-119.6			
Lead	84.3	1.5	mg/Kg wet	85.6		98.5	82.4-117.8			
Nickel	59.7	1.0	mg/Kg wet	61.3		97.3	82.2-117.8			
Selenium	75.4	10	mg/Kg wet	78.9		95.6	77.1-122.3			
Silver	54.1	1.0	mg/Kg wet	54.2		99.7	74.3-125.4			
Thallium	192	5.0	mg/Kg wet	178		108	78.2-121.6			
Vanadium	54.6	2.0	mg/Kg wet	56.3		96.9	64.8-135.2			
Zinc	191	2.0	mg/Kg wet	198		96.5	79.7-120.8			
LCS Dup (B183203-BSD1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Antimony	69.8	5.1	mg/Kg wet	88.2		79.1	0-210.3	3.12	30	
Arsenic	56.0	5.1	mg/Kg wet	57.0		98.2	77.8-122.1	1.41	30	
Barium	106	5.1	mg/Kg wet	110		96.6	82-117.4	1.62	30	
Beryllium	67.7	0.51	mg/Kg wet	67.5		100	82.3-117.7	0.566	30	
Cadmium	78.4	0.51	mg/Kg wet	77.8		101	81.9-118.2	1.24	30	
Chromium	62.3	1.0	mg/Kg wet	65.0		95.8	78.7-120.6	2.18	30	
Copper	58.8	1.0	mg/Kg wet	56.4		104	80.4-119.6	0.296	30	
Lead	82.9	1.5	mg/Kg wet	85.6		96.9	82.4-117.8	1.69	30	
Nickel	60.9	1.0	mg/Kg wet	61.3		99.3	82.2-117.8	2.05	30	
Selenium	75.6	10	mg/Kg wet	78.9		95.8	77.1-122.3	0.247	30	
Silver	53.7	1.0	mg/Kg wet	54.2		99.1	74.3-125.4	0.626	30	
Thallium	189	5.1	mg/Kg wet	178		106	78.2-121.6	1.54	30	
Vanadium	52.7	2.0	mg/Kg wet	56.3		93.5	64.8-135.2	3.54	30	
Zinc	190	2.0	mg/Kg wet	198		96.1	79.7-120.8	0.393	30	

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QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183203 - SW-846 3050B										
MRL Check (B183203-MRL1)				Prepared: 08/03/17 Analyzed: 08/07/17						
Lead	0.863	0.72	mg/Kg wet	0.722		120	80-120			
Batch B183214 - SW-846 7471										
Blank (B183214-BLK1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	ND	0.025	mg/Kg wet							
LCS (B183214-BS1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	9.76	1.9	mg/Kg wet	9.36		104	73.7-126.3			
LCS Dup (B183214-BSD1)				Prepared: 08/03/17 Analyzed: 08/05/17						
Mercury	9.10	1.9	mg/Kg wet	9.36		97.2	73.7-126.3	7.05	30	

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QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B183217 - % Solids										
Duplicate (B183217-DUP5)		**Source: 17G1256-01**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	89.2		% Wt		90.8			1.78	20	
Duplicate (B183217-DUP6)		**Source: 17G1256-02**		Prepared: 08/03/17 Analyzed: 08/04/17						
% Solids	82.3		% Wt		83.0			0.847	20	

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-9-3A

Lab Sample ID: 17G1256-02 Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.53	
	2	0.000	-0.030	0.030	0.56	5.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-10-1

Lab Sample ID: 17G1256-04

Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5

Instrument ID (2): ECD5

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.15	
	2	0.000	-0.030	0.030	0.16	6.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-20-3

Lab Sample ID: 17G1256-10 Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.30	
	2	0.000	-0.030	0.030	0.34	12.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-11-1

Lab Sample ID: 17G1256-15 Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.29	
	2	0.000	-0.030	0.030	0.32	9.8

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-15-1

Lab Sample ID: 17G1256-19

Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5

Instrument ID (2): ECD5

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	1.0	
	2	0.000	-0.030	0.030	1.1	9.5

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

WS-AOC7-SO-15-2A

Lab Sample ID: 17G1256-20

Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5

Instrument ID (2): ECD5

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1260	1	0.000	-0.030	0.030	0.39	
	2	0.000	-0.030	0.030	0.39	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS

Lab Sample ID: B183286-BS1

Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5

Instrument ID (2): ECD5

GC Column (1): ID: (mm)

GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.20	
	2	0.000	-0.030	0.030	0.21	4.9
Aroclor-1260	1	0.000	-0.030	0.030	0.18	
	2	0.000	-0.030	0.030	0.18	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

LCS Dup

Lab Sample ID: B183286-BSD1 Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.19	
	2	0.000	-0.030	0.030	0.20	5.1
Aroclor-1260	1	0.000	-0.030	0.030	0.17	
	2	0.000	-0.030	0.030	0.18	5.7

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike

Lab Sample ID: B183286-MS1 Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.24	
	2	0.000	-0.030	0.030	0.24	0.0
Aroclor-1260	1	0.000	-0.030	0.030	0.27	
	2	0.000	-0.030	0.030	0.27	0.0

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IDENTIFICATION SUMMARY FOR SINGLE COMPONENT ANALYTES

SW-846 8082A

Matrix Spike Dup

Lab Sample ID: B183286-MSD1 Date(s) Analyzed: 08/16/2017 08/16/2017

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Aroclor-1016	1	0.000	-0.030	0.030	0.23	
	2	0.000	-0.030	0.030	0.24	4.3
Aroclor-1260	1	0.000	-0.030	0.030	0.25	
	2	0.000	-0.030	0.030	0.24	4.1

con-test® ANALYTICAL LABORATORY

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit
DL	Method Detection Limit
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
E	Reported result is estimated. Value reported over verified calibration range.
L-03	Laboratory fortified blank/laboratory control sample recovery is outside of control limits. Reported value for this compound is likely to be biased on the low side.
RL-11	Elevated reporting limit due to high concentration of target compounds.
S-01	The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
V-05	Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
CTDEP ETPH in Soil	
CT ETPH	CT
SW-846 6010C-D in Soil	
Antimony	CT,NH,NY,ME,VA,NC
Arsenic	CT,NH,NY,ME,VA,NC
Barium	CT,NH,NY,ME,VA,NC
Beryllium	CT,NH,NY,ME,VA,NC
Cadmium	CT,NH,NY,ME,VA,NC
Chromium	CT,NH,NY,ME,VA,NC
Copper	CT,NH,NY,ME,VA,NC
Lead	CT,NH,NY,AIHA,ME,VA,NC
Nickel	CT,NH,NY,ME,VA,NC
Selenium	CT,NH,NY,ME,VA,NC
Silver	CT,NH,NY,ME,VA,NC
Thallium	CT,NH,NY,ME,VA,NC
Vanadium	CT,NH,NY,ME,VA,NC
Zinc	CT,NH,NY,ME,VA,NC
SW-846 7470A in Water	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,ME,NC,VA
Aroclor-1016 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1221	CT,NH,NY,ME,NC,VA
Aroclor-1221 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1232	CT,NH,NY,ME,NC,VA
Aroclor-1232 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1242	CT,NH,NY,ME,NC,VA
Aroclor-1242 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1248	CT,NH,NY,ME,NC,VA
Aroclor-1248 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1254	CT,NH,NY,ME,NC,VA
Aroclor-1254 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1260	CT,NH,NY,ME,NC,VA
Aroclor-1260 [2C]	CT,NH,NY,ME,NC,VA
Aroclor-1262	NY,NC,VA
Aroclor-1262 [2C]	NY,NC,VA
Aroclor-1268	NY,NC,VA
Aroclor-1268 [2C]	NY,NC,VA
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Acrylonitrile	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME

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CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 8260C in Soil	
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME
SW-846 8270D in Soil	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA
SW-846 8270D in Water	
Acenaphthene	CT,NY,NH,ME,NC,VA
Acenaphthylene	CT,NY,NH,ME,NC,VA
Anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)anthracene	CT,NY,NH,ME,NC,VA
Benzo(a)pyrene	CT,NY,NH,ME,NC,VA
Benzo(b)fluoranthene	CT,NY,NH,ME,NC,VA
Benzo(g,h,i)perylene	CT,NY,NH,ME,NC,VA
Benzo(k)fluoranthene	CT,NY,NH,ME,NC,VA
Chrysene	CT,NY,NH,ME,NC,VA
Dibenz(a,h)anthracene	CT,NY,NH,ME,NC,VA
Fluoranthene	CT,NY,NH,ME,NC,VA
Fluorene	CT,NY,NH,ME,NC,VA
Indeno(1,2,3-cd)pyrene	CT,NY,NH,ME,NC,VA
2-Methylnaphthalene	CT,NY,NH,ME,NC,VA
Naphthalene	CT,NY,NH,ME,NC,VA
Phenanthrene	CT,NY,NH,ME,NC,VA
Pyrene	CT,NY,NH,ME,NC,VA

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The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC - ISO17025:2005	100033	02/1/2018
MA	Massachusetts DEP	M-MA100	06/30/2018
CT	Connecticut Department of Publilc Health	PH-0567	09/30/2017
NY	New York State Department of Health	10899 NELAP	04/1/2018
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2018
RI	Rhode Island Department of Health	LAO00112	12/30/2017
NC	North Carolina Div. of Water Quality	652	12/31/2017
NJ	New Jersey DEP	MA007 NELAP	06/30/2018
FL	Florida Department of Health	E871027 NELAP	06/30/2018
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2018
ME	State of Maine	2011028	06/9/2019
VA	Commonwealth of Virginia	460217	12/14/2017
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2017
VT-DW	Vermont Department of Health Drinking Water	VT-255716	06/12/2018
NC-DW	North Carolina Department of Health	25703	07/31/2018

17G1256

con-test ANALYTICAL LABORATORY

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Email: info@contestlabs.com

http://www.contestlabs.com

Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Soxhlet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metals	VOCs						# of Containers	[2] Preservation Code	[3] Container Code
1	WS-AOC7-SO-9-2	7/27/17	13:12		X	S	U	X													
2	WS-AOC7-SO-9-3A		13:14					X													
3	WS-AOC7-SO-9-3B		13:16						X	X			X								
4	WS-AOC7-SO-10-1		13:30					X													
5	WS-AOC7-SO-10-2		13:32					X													
6	WS-AOC7-SO-10-3A		13:34					X													
7	WS-AOC7-SO-10-3B		13:36							X											
8	WS-AOC7-SO-20-1		13:47					X		X											
9	WS-AOC7-SO-20-2		13:48					X		X											
10	WS-AOC7-SO-20-3		13:49					X		X											

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 7/27/17 1525
Received by: (signature)	Date/Time: 7/27/17 1525
Relinquished by: (signature)	Date/Time: 7-27-17 7:45
Received by: (signature)	Date/Time: 7/27/17 1945
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information
○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
7/27/17 1945
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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Doc # 381 Rev 0 5 8 2015

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Company Name:	Weston & Sampson Engineers
Address:	273 Dividend Rd Rcoky Hill, CT
Phone:	860 513-1473
Project Name:	English Station
Project Location:	510 Grand Ave, New Haven, CT
Project Number:	2170495
Project Manager:	Malcolm Beeler
Con-Test Bid:	
Invoice Recipient:	Malcolm Beeler (Weston & Sampson)
Sampled By:	Chris Berthiaume/Will Sirotnak

Requested Turnaround Time
7-Day ☑ 10-Day ☐
Other: 5-day ☐

Rush-Approval Required
1-Day ☐ 3-Day ☐
2-Day ☐ 4-Day ☐

Data Delivery
Format: PDF ☑ EXCEL ☑
Other:
Enhanced Data Package Required: ☐
Email To: beelerm@wseinc.com
Fax To #:

ANALYSIS REQUESTED

Con-Test Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	[1]Matrix Code	Conc Code	(Sorbet) PCBs	PAHs	ETPH	SVOCs	RSR 15 Metals	VOCs	# of Containers	[2] Preservation Code	[3] Container Code
10	WS-AOC7-SO-12-1	7/27/17	13:50		X	S	U	X								
11	WS-AOC7-SO-12-2	↓	13:52		↓	↓	↓	X								
12	WS-AOC7-SO-12-3A	↓	13:54		↓	↓	↓	X								
13	WS-AOC7-SO-12-3B	↓	13:56		↓	↓	↓			X		X				
14	WS-AOC7-SO-11-1	↓	13:40		↓	↓	↓	X								
15	WS-AOC7-SO-11-2	↓	13:42		↓	↓	↓	X								
16	WS-AOC7-SO-11-3A	↓	13:44		↓	↓	↓	X								
17	WS-AOC7-SO-11-3B	↓	13:46		↓	↓	↓			X						
18	WS-AOC7-SO-15-1	↓	14:00		↓	↓	↓	X								
19	WS-AOC7-SO-15-2A	↓	14:02		↓	↓	↓	X								

Dissolved Metals Samples
○ Field Filtered
○ Lab to Filter

Orthophosphate Samples
○ Field Filtered
○ Lab to Filter

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil/Solid
SL = Sludge
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:

Please hold excess volumes for possible SPLP analyses.

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time:
[signature] 7/27/17	1525
Received by: (signature) [signature]	Date/Time: 7/27/17 525
Relinquished by: (signature) [signature]	Date/Time: 7-27-17 7:45
Received by: (signature) [signature] 7/27/17	Date/Time: 1945
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

Detection Limit Requirements
MA
CT RES DEC
Other:

Program Information

○ MCP Analytical Certification Form Required
● RCP Analysis Certification Form Required
○ MA State DW Form Required
PWSID #
7/27/17 1945
NELAC and AIHA-LAP, LLC Accredited

TURNAROUND TIME (BUSINESS DAYS) STARTS AT 9:00 AM THE DAY AFTER SAMPLE RECEIPT UNLESS THERE ARE QUESTIONS ON THIS CHAIN. IF THIS FORM IS NOT FILLED OUT COMPLETELY OR IS INCORRECT, TURNAROUND TIME CANNOT START UNTIL ALL QUESTIONS HAVE BEEN ANSWERED.

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con-test® ANALYTICAL LABORATORY

Doc# 277 Rev 5 2017

Login Sample Receipt Checklist - (Rejection Criteria Listing - Using Acceptance Policy) Any False Statement will be brought to the attention of the Client - State True or False

Client Weston & Sampson

Received By JM Date 7/27/17 Time 1945

How were the samples received? In Cooler T No Cooler ____ On Ice T No Ice ____
Direct from Sampling ____ Ambient ____ Melted Ice ____

Were samples within Temperature? 2-6°C T By Gun # 1 Actual Temp - 4.0, 2.3, 2.1
By Blank # ____ Actual Temp - ____

Was Custody Seal Intact? N/A Were Samples Tampered with? F
Was COC Relinquished ? T Does Chain Agree With Samples? T
Are there broken/leaking/loose caps on any samples? F
Is COC in ink/ Legible? T Were samples received within holding time? T
Did COC include all pertinent Information? Client T Analysis T Sampler Name T
Project T ID's T Collection Dates/Times T
Are Sample labels filled out and legible? T
Are there Lab to Filters? N/A Who was notified? ____
Are there Rushes? N/A Who was notified? ____
Are there Short Holds? N/A Who was notified? ____
Is there enough Volume? T
Is there Headspace where applicable? N/A MS/MSD? N/A
Proper Media/Containers Used? T Is splitting samples required? N/A
Were trip blanks received? N/A On COC? N/A
Do all samples have the proper pH? N/A Acid ____ Base ____

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	20
Meoh-	1	250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-	2	Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen: 7/27/17 1945	
Sulfuric-		Perchlorate		Ziplock			

Unused Media

Vials	#	Containers:	#		#		#
Unp-		1 Liter Amb.		1 Liter Plastic		16 oz Amb.	
HCL-		500 mL Amb.		500 mL Plastic		8oz Amb/Clear	
Meoh-		250 mL Amb.		250 mL Plastic		4oz Amb/Clear	
Bisulfate-		Col./Bacteria		Flashpoint		2oz Amb/Clear	
DI-		Other Plastic		Other Glass		Encore	
Thiosulfate-		SOC Kit		Plastic Bag		Frozen:	
Sulfuric-		Perchlorate		Ziplock			

Comments:

D:\HPCHEM\1\DATA\A080617.SEC\A0806007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/6/17
Data File Name	A0806007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	498947	548960	-9
c - 10	1.63	504890	548960	-8
c - 12	2.35	523064	548960	-5
c - 14	3.01	538273	548960	-2
c - 16	3.62	554877	548960	1
c - 18	4.23	552045	548960	1
o-Terphenyl	4.51	617304	548960	
c - 20	4.84	564142	548960	3
c - 22	5.34	578309	548960	5
c - 24	5.78	544489	548960	-1
c - 26	6.17	578509	548960	5
c - 28	6.53	572642	548960	4
c - 30	6.86	570509	548960	4
c - 32	7.17	554065	548960	1
c - 34	7.47	553258	548960	1
c - 36	7.78	546376	548960	0

* One compound allowed %D <= 50%

Samples

17G1310-01
17G1310-02
17G1439-01
17H0092-01
17H0092-02

D:\HPCHEM\1\DATA\A080617.SEC\A0806061.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/6/17
Data File Name	A0806061.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	517970	566638	-9
c - 10	1.63	523932	566638	-8
c - 12	2.35	540830	566638	-5
c - 14	3.02	555805	566638	-2
c - 16	3.62	572903	566638	1
c - 18	4.23	569699	566638	1
o-Terphenyl	4.52	638062	566638	
c - 20	4.84	581877	566638	3
c - 22	5.35	595392	566638	5
c - 24	5.78	559920	566638	-1
c - 26	6.17	594228	566638	5
c - 28	6.53	589070	566638	4
c - 30	6.86	588717	566638	4
c - 32	7.17	573707	566638	1
c - 34	7.47	571397	566638	1
c - 36	7.78	564127	566638	0

* One compound allowed %D <= 50%

Samples

17G1255-07@100X
17G1255-11@100X
17G1256-07@20X
17G1256-08@100X
17G1256-14@5X
17G1256-18@5X
17G1258-01@5X
17G1258-02@5X
17G1258-05@20X

D:\HPCHEM\1\DATA\A080717\A0807048.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/7/17
Data File Name	A0807048.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	413869	438678	-6
c - 10	1.64	427817	438678	-2
c - 12	2.37	442897	438678	1
c - 14	3.04	450884	438678	3
c - 16	3.65	460485	438678	5
c - 18	4.29	452368	438678	3
o-Terphenyl	4.57	493032	438678	
c - 20	4.89	453071	438678	3
c - 22	5.40	453851	438678	3
c - 24	5.84	418112	438678	-5
c - 26	6.23	437582	438678	0
c - 28	6.60	433678	438678	-1
c - 30	6.93	435063	438678	-1
c - 32	7.25	429774	438678	-2
c - 34	7.54	434901	438678	-1
c - 36	7.90	435822	438678	-1

* One compound allowed %D </= 50%

Samples

17H0210-01
17G1252-19RE1@10X
17G1307-14@5X

D:\HPCHEM\1\DATA\A080717.SEC\A0807049.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/7/17
Data File Name	A0807049.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	560741	599900	-7
c - 10	1.63	580393	599900	-3
c - 12	2.34	599002	599900	0
c - 14	3.01	607792	599900	1
c - 16	3.61	620074	599900	3
c - 18	4.23	612161	599900	2
o-Terphenyl	4.51	684844	599900	
c - 20	4.83	621532	599900	4
c - 22	5.34	631356	599900	5
c - 24	5.77	589308	599900	-2
c - 26	6.17	619866	599900	3
c - 28	6.53	608853	599900	1
c - 30	6.86	604230	599900	1
c - 32	7.17	583955	599900	-3
c - 34	7.46	581396	599900	-3
c - 36	7.78	577841	599900	-4

* One compound allowed %D </= 50%

Samples

17G1252-02RE1
17G1252-09RE1
17H0269-01
17G1256-03@50X
17G1256-10@100X
17G1309-03
17G1307-08
17G1252-14RE1

D:\HPCHEM\1\DATA\A080817\A0808006.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/8/17
Data File Name	A0808006.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.29	419806	445868	-6
c - 10	1.64	427257	445868	-4
c - 12	2.37	442937	445868	-1
c - 14	3.05	455223	445868	2
c - 16	3.66	466991	445868	5
c - 18	4.29	461429	445868	3
o-Terphenyl	4.57	506716	445868	
c - 20	4.90	464826	445868	4
c - 22	5.40	467056	445868	5
c - 24	5.84	430244	445868	-4
c - 26	6.24	448725	445868	1
c - 28	6.60	441530	445868	-1
c - 30	6.93	441760	445868	-1
c - 32	7.25	435375	445868	-2
c - 34	7.54	441042	445868	-1
c - 36	7.90	443824	445868	0

* One compound allowed %D </= 50%

Samples

17G1256-09RE1@5X

D:\HPCHEM\1\DATA\A080817.SEC\A0808007.D

CT ETPH DISCRIMINATION CHECK

Date Acquired	8/8/17
Data File Name	A0808007.D
Sample Name	ETPH 1500
Instrument Name	5890DFID

Compound	Ret Time	Target Response	Average Response	*%D +/- 20
c - 9	1.28	536380	572669	-6
c - 10	1.62	545897	572669	-5
c - 12	2.34	563451	572669	-2
c - 14	3.01	577013	572669	1
c - 16	3.61	591240	572669	3
c - 18	4.23	585452	572669	2
o-Terphenyl	4.51	657089	572669	
c - 20	4.83	594280	572669	4
c - 22	5.34	604598	572669	6
c - 24	5.78	564966	572669	-1
c - 26	6.17	594814	572669	4
c - 28	6.53	584574	572669	2
c - 30	6.86	579425	572669	1
c - 32	7.17	559566	572669	-2
c - 34	7.46	556252	572669	-3
c - 36	7.78	552133	572669	-4

* One compound allowed %D <= 50%

Samples

17H0005-01@250X

REASONABLE CONFIDENCE PROTOCOL
LABORATORY ANALYSIS QA/QC CERTIFICATION FORM

Laboratory Name: Con-Test Analytical Laboratory

Client: Weston & Sampson

Project Location: 510 Grand Ave., New Haven, CT

Project Number: 17G1256

Laboratory Sample ID(s):

17G1256-01 thru 17G1256-20

Sample Date(s):

07/27/2017

List RCP Methods Used:

CTDEP ETPH, SW-846 6010C-D, SW-846 7470A, SW-846 7471B, SW-846 8082A, SW-846 8260C, SW-846 8270D

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CTDEP method-specific Reasonable Confidence Protocol documents?	☑ Yes ☐ No
1A	Were the method specified preservation and holding time requirements met?	☑ Yes ☐ No
1B	VPH and EPH Methods only: Was the VPH and EPH method conducted without significant modifications (see Section 11.3 of respective RCP methods)?	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (< 6 degrees C.)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the CTDEP Reasonable Confidence Protocol documents achieved?	☐ Yes ☑ No
5A	Were reporting limits specified or referenced on the chain-of-custody?	☑ Yes ☐ No
5B	Were these reporting limits met?	☐ Yes ☑ No
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	☐ Yes ☑ No
7	Are project-specific matrix spikes and laboratory duplicates included in this data set?	☑ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Reasonable Confidence."
This form may not be altered and all questions must be answered.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized Signature: Lisa Worthington **Position:** **Project Manager**

Printed Name: **Lisa A. Worthington** **Date:** **08/16/17**

Name of Laboratory: **Con-Test Analytical Laboratory**

This certification form is to be used for RCP methods only.

con-test® ANALYTICAL LABORATORY
39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

August 17, 2017

Malcolm Beeler
Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067

Project Location: 510 Grand Ave., New Haven, CT
Client Job Number:
Project Number: 2170495
Laboratory Work Order Number: 17G1257

Enclosed are results of analyses for samples received by the laboratory on July 27, 2017. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

James M. Georgantas
Project Manager

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/17/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1257

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC7-SO-15-2B	17G1257-01	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8270D	
WS-AOC7-SO-15-3	17G1257-02	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-14-1	17G1257-03	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-14-2	17G1257-04	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-14-3A	17G1257-05	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-14-4	17G1257-06	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-13-1	17G1257-07	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-13-2	17G1257-08	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-13-3	17G1257-09	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-13-4	17G1257-10	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-14-3B	17G1257-11	Soil		CTDEP ETPH	
				SM 2540G	
WS-AOC7-SO-24-1	17G1257-12	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-24-2	17G1257-13	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-24-3	17G1257-14	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-21-1	17G1257-15	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-21-2	17G1257-16	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-21-3	17G1257-17	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	

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Weston & Sampson
273 Dividend Road
Rocky Hill, CT 06067
ATTN: Malcolm Beeler

REPORT DATE: 8/17/2017

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 2170495

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 17G1257

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 510 Grand Ave., New Haven, CT

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
WS-AOC7-SO-21-4	17G1257-18	Soil		CTDEP ETPH	
				SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-22-1	17G1257-19	Soil		SM 2540G	
				SW-846 8082A	
WS-AOC7-SO-22-2	17G1257-20	Soil		SM 2540G	
				SW-846 8082A	

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CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

For method 8270, only PAHs were requested and reported.

SW-846 8082A

Qualifications:

S-01

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl
17G1257-04[WS-AOC7-SO-14-2], 17G1257-07[WS-AOC7-SO-13-1], 17G1257-08[WS-AOC7-SO-13-2], 17G1257-09[WS-AOC7-SO-13-3]

Decachlorobiphenyl [2C]
17G1257-04[WS-AOC7-SO-14-2], 17G1257-07[WS-AOC7-SO-13-1], 17G1257-08[WS-AOC7-SO-13-2], 17G1257-09[WS-AOC7-SO-13-3]

Tetrachloro-m-xylene
17G1257-04[WS-AOC7-SO-14-2], 17G1257-07[WS-AOC7-SO-13-1], 17G1257-08[WS-AOC7-SO-13-2], 17G1257-09[WS-AOC7-SO-13-3]

Tetrachloro-m-xylene [2C]
17G1257-04[WS-AOC7-SO-14-2], 17G1257-07[WS-AOC7-SO-13-1], 17G1257-08[WS-AOC7-SO-13-2], 17G1257-09[WS-AOC7-SO-13-3]

S-02

The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

Analyte & Samples(s) Qualified:

Decachlorobiphenyl [2C]
17G1257-10[WS-AOC7-SO-13-4]

SW-846 8270D

Qualifications:

RL-12

Elevated reporting limit due to matrix interference.

Analyte & Samples(s) Qualified:

17G1257-01[WS-AOC7-SO-15-2B]

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.

Lisa A. Worthington
Project Manager

con-test® ANALYTICAL LABORATORY

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-2B Sampled: 7/27/2017 14:06

Sample ID: 17G1257-01

Sample Matrix: Soil

Sample Flags: RL-12

Semivolatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acenaphthene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Acenaphthylene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Anthracene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Benzo(a)anthracene	1.0	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Benzo(a)pyrene	0.92	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Benzo(b)fluoranthene	1.1	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Benzo(g,h,i)perylene	0.67	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Benzo(k)fluoranthene	0.46	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Chrysene	0.94	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Dibenz(a,h)anthracene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Fluoranthene	2.3	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Fluorene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Indeno(1,2,3-cd)pyrene	0.59	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
2-Methylnaphthalene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Naphthalene	ND	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Phenanthrene	1.6	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL
Pyrene	2.2	0.39	mg/Kg dry	2		SW-846 8270D	8/3/17	8/5/17 15:33	BGL

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Nitrobenzene-d5	41.1	30-130		8/5/17 15:33
2-Fluorobiphenyl	48.2	30-130		8/5/17 15:33
p-Terphenyl-d14	55.9	30-130		8/5/17 15:33

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-2B Sampled: 7/27/2017 14:06

Sample ID: 17G1257-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	94	58	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/5/17 0:36	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	50.5	50-150		8/5/17 0:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-2B Sampled: 7/27/2017 14:06

Sample ID: 17G1257-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-3 Sampled: 7/27/2017 14:04

Sample ID: 17G1257-02

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:39	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.6	30-150		8/16/17 17:39
Decachlorobiphenyl [2]	95.2	30-150		8/16/17 17:39
Tetrachloro-m-xylene [1]	77.7	30-150		8/16/17 17:39
Tetrachloro-m-xylene [2]	87.6	30-150		8/16/17 17:39

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-15-3 Sampled: 7/27/2017 14:04

Sample ID: 17G1257-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	80.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-1 Sampled: 7/27/2017 14:10

Sample ID: 17G1257-03

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1260 [2]	0.12	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 17:57	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	71.3	30-150		8/16/17 17:57
Decachlorobiphenyl [2]	63.5	30-150		8/16/17 17:57
Tetrachloro-m-xylene [1]	55.9	30-150		8/16/17 17:57
Tetrachloro-m-xylene [2]	67.9	30-150		8/16/17 17:57

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-1 Sampled: 7/27/2017 14:10

Sample ID: 17G1257-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.5		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-2 Sampled: 7/27/2017 14:12

Sample ID: 17G1257-04

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1260 [1]	6.0	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 5:55	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/17/17 5:55
Decachlorobiphenyl [2]	*	30-150	S-01	8/17/17 5:55
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/17/17 5:55
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/17/17 5:55

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-2 Sampled: 7/27/2017 14:12

Sample ID: 17G1257-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-3A Sampled: 7/27/2017 14:16

Sample ID: 17G1257-05

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1221 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1232 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1242 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1248 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1254 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1260 [1]	2.4	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1262 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG
Aroclor-1268 [1]	ND	0.56	mg/Kg dry	25		SW-846 8082A	8/3/17	8/17/17 6:12	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.0	30-150		8/17/17 6:12
Decachlorobiphenyl [2]	94.3	30-150		8/17/17 6:12
Tetrachloro-m-xylene [1]	90.2	30-150		8/17/17 6:12
Tetrachloro-m-xylene [2]	102	30-150		8/17/17 6:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-3A Sampled: 7/27/2017 14:16

Sample ID: 17G1257-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-4 Sampled: 7/27/2017 14:18

Sample ID: 17G1257-06

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1221 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1232 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1242 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1248 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1254 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1260 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1262 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG
Aroclor-1268 [1]	ND	0.22	mg/Kg dry	10		SW-846 8082A	8/3/17	8/16/17 18:49	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.5	30-150		8/16/17 18:49
Decachlorobiphenyl [2]	91.8	30-150		8/16/17 18:49
Tetrachloro-m-xylene [1]	87.0	30-150		8/16/17 18:49
Tetrachloro-m-xylene [2]	94.7	30-150		8/16/17 18:49

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-4 Sampled: 7/27/2017 14:18

Sample ID: 17G1257-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.1		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-1 Sampled: 7/27/2017 14:22

Sample ID: 17G1257-07

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1221 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1232 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1242 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1248 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1254 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1260 [1]	9.0	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1262 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG
Aroclor-1268 [1]	ND	1.1	mg/Kg dry	50		SW-846 8082A	8/3/17	8/17/17 6:29	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/17/17 6:29
Decachlorobiphenyl [2]	*	30-150	S-01	8/17/17 6:29
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/17/17 6:29
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/17/17 6:29

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-1 Sampled: 7/27/2017 14:22

Sample ID: 17G1257-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.0		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-2 Sampled: 7/27/2017 14:23

Sample ID: 17G1257-08

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1221 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1232 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1242 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1248 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1254 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1260 [1]	52	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1262 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG
Aroclor-1268 [1]	ND	10	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 6:47	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/17/17 6:47
Decachlorobiphenyl [2]	*	30-150	S-01	8/17/17 6:47
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/17/17 6:47
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/17/17 6:47

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-2 Sampled: 7/27/2017 14:23

Sample ID: 17G1257-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.6		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-3 Sampled: 7/27/2017 14:24

Sample ID: 17G1257-09

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1221 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1232 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1242 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1248 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1254 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1260 [1]	58	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1262 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG
Aroclor-1268 [1]	ND	11	mg/Kg dry	500		SW-846 8082A	8/3/17	8/17/17 7:04	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	*	30-150	S-01	8/17/17 7:04
Decachlorobiphenyl [2]	*	30-150	S-01	8/17/17 7:04
Tetrachloro-m-xylene [1]	*	30-150	S-01	8/17/17 7:04
Tetrachloro-m-xylene [2]	*	30-150	S-01	8/17/17 7:04

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-3 Sampled: 7/27/2017 14:24

Sample ID: 17G1257-09

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	340	110	mg/Kg dry	10		CTDEP ETPH	8/3/17	8/5/17 0:54	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	59.3	50-150		8/5/17 0:54

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-3 Sampled: 7/27/2017 14:24

Sample ID: 17G1257-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-4 Sampled: 7/27/2017 14:25

Sample ID: 17G1257-10

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1221 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1232 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1242 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1248 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1254 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1260 [2]	0.25	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1262 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG
Aroclor-1268 [1]	ND	0.14	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 20:45	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	106	30-150		8/16/17 20:45
Decachlorobiphenyl [2]	**171** *	30-150	S-02	8/16/17 20:45
Tetrachloro-m-xylene [1]	81.3	30-150		8/16/17 20:45
Tetrachloro-m-xylene [2]	97.2	30-150		8/16/17 20:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-13-4 Sampled: 7/27/2017 14:25

Sample ID: 17G1257-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	73.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-3B Sampled: 7/27/2017 14:14

Sample ID: 17G1257-11

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	300	110	mg/Kg dry	10		CTDEP ETPH	8/3/17	8/5/17 1:12	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	94.7	50-150		8/5/17 1:12

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-14-3B Sampled: 7/27/2017 14:14

Sample ID: 17G1257-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-1 Sampled: 7/27/2017 14:30

Sample ID: 17G1257-12

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:02	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.5	30-150		8/16/17 21:02
Decachlorobiphenyl [2]	88.9	30-150		8/16/17 21:02
Tetrachloro-m-xylene [1]	77.1	30-150		8/16/17 21:02
Tetrachloro-m-xylene [2]	85.4	30-150		8/16/17 21:02

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-1 Sampled: 7/27/2017 14:30

Sample ID: 17G1257-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.1		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-2 Sampled: 7/27/2017 14:31

Sample ID: 17G1257-13

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:19	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		8/16/17 21:19
Decachlorobiphenyl [2]	97.3	30-150		8/16/17 21:19
Tetrachloro-m-xylene [1]	92.1	30-150		8/16/17 21:19
Tetrachloro-m-xylene [2]	102	30-150		8/16/17 21:19

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-2 Sampled: 7/27/2017 14:31

Sample ID: 17G1257-13

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	ND	12	mg/Kg dry	1		CTDEP ETPH	8/3/17	8/4/17 21:56	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	65.6	50-150		8/4/17 21:56

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-2 Sampled: 7/27/2017 14:31

Sample ID: 17G1257-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.8		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-3 Sampled: 7/27/2017 14:32

Sample ID: 17G1257-14

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:36	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	101	30-150		8/16/17 21:36
Decachlorobiphenyl [2]	133	30-150		8/16/17 21:36
Tetrachloro-m-xylene [1]	81.4	30-150		8/16/17 21:36
Tetrachloro-m-xylene [2]	89.0	30-150		8/16/17 21:36

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-3 Sampled: 7/27/2017 14:32

Sample ID: 17G1257-14

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	190	61	mg/Kg dry	5		CTDEP ETPH	8/3/17	8/5/17 1:29	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	50.1	50-150		8/5/17 1:29

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-24-3 Sampled: 7/27/2017 14:32

Sample ID: 17G1257-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-1 Sampled: 7/27/2017 14:33

Sample ID: 17G1257-15

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 21:54	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	109	30-150		8/16/17 21:54
Decachlorobiphenyl [2]	113	30-150		8/16/17 21:54
Tetrachloro-m-xylene [1]	97.0	30-150		8/16/17 21:54
Tetrachloro-m-xylene [2]	105	30-150		8/16/17 21:54

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-1 Sampled: 7/27/2017 14:33

Sample ID: 17G1257-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	94.2		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-2 Sampled: 7/27/2017 14:34

Sample ID: 17G1257-16

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:11	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.5	30-150		8/16/17 22:11
Decachlorobiphenyl [2]	104	30-150		8/16/17 22:11
Tetrachloro-m-xylene [1]	88.8	30-150		8/16/17 22:11
Tetrachloro-m-xylene [2]	96.4	30-150		8/16/17 22:11

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-2 Sampled: 7/27/2017 14:34

Sample ID: 17G1257-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	93.2		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-3 Sampled: 7/27/2017 14:35

Sample ID: 17G1257-17

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:28	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	94.2	30-150		8/16/17 22:28
Decachlorobiphenyl [2]	89.3	30-150		8/16/17 22:28
Tetrachloro-m-xylene [1]	84.5	30-150		8/16/17 22:28
Tetrachloro-m-xylene [2]	94.0	30-150		8/16/17 22:28

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-3 Sampled: 7/27/2017 14:35

Sample ID: 17G1257-17

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	190	110	mg/Kg dry	10		CTDEP ETPH	8/3/17	8/5/17 1:47	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	88.9	50-150		8/5/17 1:47

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-3 Sampled: 7/27/2017 14:35

Sample ID: 17G1257-17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-4 Sampled: 7/27/2017 14:36

Sample ID: 17G1257-18

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 22:45	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	90.8	30-150		8/16/17 22:45
Decachlorobiphenyl [2]	85.2	30-150		8/16/17 22:45
Tetrachloro-m-xylene [1]	78.4	30-150		8/16/17 22:45
Tetrachloro-m-xylene [2]	88.7	30-150		8/16/17 22:45

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-4 Sampled: 7/27/2017 14:36

Sample ID: 17G1257-18

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
CT ETPH	12	11	mg/Kg dry	1		CTDEP ETPH	8/3/17	8/4/17 22:14	SCS

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
o-Terphenyl	64.4	50-150		8/4/17 22:14

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-21-4 Sampled: 7/27/2017 14:36

Sample ID: 17G1257-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.4		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-22-1 Sampled: 7/27/2017 14:37

Sample ID: 17G1257-19

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1260 [2]	0.14	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:03	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	99.8	30-150		8/16/17 23:03
Decachlorobiphenyl [2]	98.7	30-150		8/16/17 23:03
Tetrachloro-m-xylene [1]	89.7	30-150		8/16/17 23:03
Tetrachloro-m-xylene [2]	99.8	30-150		8/16/17 23:03

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-22-1 Sampled: 7/27/2017 14:37

Sample ID: 17G1257-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.9		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-22-2 Sampled: 7/27/2017 14:38

Sample ID: 17G1257-20

Sample Matrix: Soil

Polychlorinated Biphenyls with 3540 Soxhlet Extraction

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1221 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1232 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1242 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1248 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1254 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1260 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1262 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG
Aroclor-1268 [1]	ND	0.11	mg/Kg dry	5		SW-846 8082A	8/3/17	8/16/17 23:20	TG

Surrogates	% Recovery	Recovery Limits	Flag/Qual	
Decachlorobiphenyl [1]	104	30-150		8/16/17 23:20
Decachlorobiphenyl [2]	100	30-150		8/16/17 23:20
Tetrachloro-m-xylene [1]	97.9	30-150		8/16/17 23:20
Tetrachloro-m-xylene [2]	108	30-150		8/16/17 23:20

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 510 Grand Ave., New Haven, CT Sample Description: Work Order: 17G1257

Date Received: 7/27/2017

Field Sample #: WS-AOC7-SO-22-2 Sampled: 7/27/2017 14:38

Sample ID: 17G1257-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.0		% Wt	1		SM 2540G	8/3/17	8/4/17 8:07	MRL

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-CTDEP ETPH

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1257-01 [WS-AOC7-SO-15-2B]	B183209	30.0	1.00	08/03/17
17G1257-09 [WS-AOC7-SO-13-3]	B183209	30.0	1.00	08/03/17
17G1257-11 [WS-AOC7-SO-14-3B]	B183209	30.0	1.00	08/03/17
17G1257-13 [WS-AOC7-SO-24-2]	B183209	30.0	1.00	08/03/17
17G1257-14 [WS-AOC7-SO-24-3]	B183209	30.0	1.00	08/03/17
17G1257-17 [WS-AOC7-SO-21-3]	B183209	30.0	1.00	08/03/17
17G1257-18 [WS-AOC7-SO-21-4]	B183209	30.0	1.00	08/03/17

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
17G1257-01 [WS-AOC7-SO-15-2B]	B183217	08/03/17
17G1257-02 [WS-AOC7-SO-15-3]	B183217	08/03/17
17G1257-03 [WS-AOC7-SO-14-1]	B183217	08/03/17
17G1257-04 [WS-AOC7-SO-14-2]	B183217	08/03/17
17G1257-05 [WS-AOC7-SO-14-3A]	B183217	08/03/17
17G1257-06 [WS-AOC7-SO-14-4]	B183217	08/03/17
17G1257-07 [WS-AOC7-SO-13-1]	B183217	08/03/17
17G1257-08 [WS-AOC7-SO-13-2]	B183217	08/03/17
17G1257-09 [WS-AOC7-SO-13-3]	B183217	08/03/17
17G1257-10 [WS-AOC7-SO-13-4]	B183217	08/03/17
17G1257-11 [WS-AOC7-SO-14-3B]	B183217	08/03/17
17G1257-12 [WS-AOC7-SO-24-1]	B183217	08/03/17
17G1257-13 [WS-AOC7-SO-24-2]	B183217	08/03/17
17G1257-14 [WS-AOC7-SO-24-3]	B183217	08/03/17
17G1257-15 [WS-AOC7-SO-21-1]	B183217	08/03/17
17G1257-16 [WS-AOC7-SO-21-2]	B183217	08/03/17
17G1257-17 [WS-AOC7-SO-21-3]	B183217	08/03/17
17G1257-18 [WS-AOC7-SO-21-4]	B183217	08/03/17
17G1257-19 [WS-AOC7-SO-22-1]	B183217	08/03/17
17G1257-20 [WS-AOC7-SO-22-2]	B183217	08/03/17

Prep Method: SW-846 3540C-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1257-02 [WS-AOC7-SO-15-3]	B183285	10.0	10.0	08/03/17
17G1257-03 [WS-AOC7-SO-14-1]	B183285	10.0	10.0	08/03/17
17G1257-04 [WS-AOC7-SO-14-2]	B183285	10.0	10.0	08/03/17
17G1257-05 [WS-AOC7-SO-14-3A]	B183285	10.0	10.0	08/03/17
17G1257-06 [WS-AOC7-SO-14-4]	B183285	10.0	10.0	08/03/17
17G1257-07 [WS-AOC7-SO-13-1]	B183285	10.0	10.0	08/03/17
17G1257-08 [WS-AOC7-SO-13-2]	B183285	10.0	10.0	08/03/17
17G1257-09 [WS-AOC7-SO-13-3]	B183285	10.0	10.0	08/03/17
17G1257-10 [WS-AOC7-SO-13-4]	B183285	10.0	10.0	08/03/17
17G1257-12 [WS-AOC7-SO-24-1]	B183285	10.0	10.0	08/03/17
17G1257-13 [WS-AOC7-SO-24-2]	B183285	10.0	10.0	08/03/17
17G1257-14 [WS-AOC7-SO-24-3]	B183285	10.0	10.0	08/03/17
17G1257-15 [WS-AOC7-SO-21-1]	B183285	10.0	10.0	08/03/17
17G1257-16 [WS-AOC7-SO-21-2]	B183285	10.0	10.0	08/03/17
17G1257-17 [WS-AOC7-SO-21-3]	B183285	10.0	10.0	08/03/17
17G1257-18 [WS-AOC7-SO-21-4]	B183285	10.0	10.0	08/03/17
17G1257-19 [WS-AOC7-SO-22-1]	B183285	10.0	10.0	08/03/17
17G1257-20 [WS-AOC7-SO-22-2]	B183285	10.0	10.0	08/03/17

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39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Extraction Data

Prep Method: SW-846 3546-SW-846 8270D

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
17G1257-01 [WS-AOC7-SO-15-2B]	B183204	30.0	1.00	08/03/17