English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	MW-018 ES-MW18 (14-16) 05/29/1998 15.00	MW-020 ES-MW20 (11-13) 05/27/1998 12.00	SED-02 ES SED2 (0.5) 06/12/1998 0.50	TB-018 ES-TB18 (12-14) 05/28/1998 13.00
PCB's	(mg/kg)	10		1.0U	1.0U	1	1.0U
Acenaphthene	(ug/kg)	2500000	84000	1000U	100U	10000U	100U
Acenaphthylene	(ug/kg)	2500000	84000	1000U	100U	10000U	145.0
Anthracene	(ug/kg)	2500000	400000	1000U	100U	10000U	100U
Benzo(a)anthracene	(ug/kg)	7800	1000	1000U	100U	[10000]U	182.0
Benzo(a)pyrene	(ug/kg)	1000	1000	1000:U	100U	[10000]U	268.0J
3,4-Benzofluoranthene	(ug/kg)	7800	1000	1000U	100U	[10000]U	203.0
Benzo(k)fluoranthene	(ug/kg)	78000	1000	1000U	100U	[10000]U	100U
Chrysene	(ug/kg)	780000	960	[1000U]	100U	[10000]U	226.0
Fluoranthene	(ug/kg)	2500000	56000	1000U	100U	10000U	369.0J
Fluorene	(ug/kg)	2500000	56000	1000U	100U	10000U	100U
Indeno(1,2,3-cd)pyrene	(ug/kg)	7800	1000	[5000]U	500U	[50000]U	500U
Naphthalene	(ug/kg)	2500000	56000	1000U	100U	10000U	65797.0
Phenanthrene	(ug/kg)	2500000	40000	1000U	100U	10000U	203.0
Pyrene	(ug/kg)	2500000	40000	1000U	100U	10000U	529.0
TPH	(mg/kg)	2500	2500	238	29J	191	405
ETPH	(mg/kg)	2500	2500	NA	NA	NA	NA
Arsenic	(mg/kg)	10		2.8J	4.3	5.3	4.5J
Barium	(mg/kg)	140000		18.3	38	62	51.3
Cadmium	(mg/kg)	1000		0.9	0.5U	0.5U	0.5U
Chromium	(mg/kg)	100		14.9	10.2	32.0J	9.2

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	MW-018 ES-MW18 (14-16) 05/29/1998 15.00	MW-020 ES-MW20 (11-13) 05/27/1998 12.00	SED-02 ES SED2 (0.5) 06/12/1998 0.50	TB-018 ES-TB18 (12-14) 05/28/1998 13.00
Lead	(mg/kg)	1000		36.3	11.0	110	[2160]
Mercury	(mg/kg)	610		0.24	0.02U	1.66	0.07
Selenium	(mg/kg)	10000		0.5U	0.5U	1.5	0.5U
Silver	(mg/kg)	10000		0.2U	0.2U	0.2U	0.2U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-018A ES-TB18A(16-18) 05/28/1998 17.00	TB-108 TB-108 (8-10) 07/01/1998 9.00	TB-108 TB-108 (12-14) 07/01/1998 13.00	TB-200 TB-200(0-2) 03/30/2000 1.00
PCB's	(mg/kg)	10		1.0U	NA	NA	NA
Acenaphthene	(ug/kg)	2500000	84000	10000U	10000U	1000U	<100
Acenaphthylene	(ug/kg)	2500000	84000	10000U	10000U	1000U	<100
Anthracene	(ug/kg)	2500000	400000	10000U	10000U	1000U	<100
Benzo(a)anthracene	(ug/kg)	7800	1000	[10000]U	[10000]U	1000U	<100
Benzo(a)pyrene	(ug/kg)	1000	1000	[10000]U	[10000]U	[1000]U	170.0
3,4-Benzofluoranthene	(ug/kg)	7800	1000	[10000]U	[10000]U	1000U	114.0
Benzo(k)fluoranthene	(ug/kg)	78000	1000	[10000]U	[10000]U	1000U	<100
Chrysene	(ug/kg)	780000	960	[10000]U	[10000]U	1000U	<100
Fluoranthene	(ug/kg)	2500000	56000	[59574.0]U	10000U	1691.0	<100
Fluorene	(ug/kg)	2500000	56000	10000U	10000U	1000U	<100
Indeno(1,2,3-cd)pyrene	(ug/kg)	7800	1000	[50000]U	[50000]U	[5000]U	<500
Naphthalene	(ug/kg)	2500000	56000	10000U	10000U	1000U	<100
Phenanthrene	(ug/kg)	2500000	40000	38833.0	10000U	1483.0	<100
Pyrene	(ug/kg)	2500000	40000	61277.0	10000U	1658.0	<100
TPH	(mg/kg)	2500	2500	1492	[4162]	1542	NA
ETPH	(mg/kg)	2500	2500	NA	NA	NA	28
Arsenic	(mg/kg)	10		[10.7]J	NA	NA	2.9
Barium	(mg/kg)	140000		10.2	NA	NA	41
Cadmium	(mg/kg)	1000		5.0	NA	NA	<0.5
Chromium	(mg/kg)	100		90.4	NA	NA	8.0

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RSR exceedences are bracketed.

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English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-018A ES-TB18A(16-18) 05/28/1998 17.00	TB-108 TB-108 (8-10) 07/01/1998 9.00	TB-108 TB-108 (12-14) 07/01/1998 13.00	TB-200 TB-200(0-2) 03/30/2000 1.00
Lead	(mg/kg)	1000		350	NA	NA	19.3
Mercury	(mg/kg)	610		3.46	NA	NA	0.06
Selenium	(mg/kg)	10000		0.5U	NA	NA	<0.5
Silver	(mg/kg)	10000		4.6	NA	NA	<0.2

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-201 TB-201(0-2) 03/30/2000 1.00	TB-202 TB-202(2-4) 03/30/2000 3.00	TB-203 TB-203(0-2) 03/30/2000 1.00	TB-204 TB-204(2-4) 03/30/2000 3.00
PCB's	(mg/kg)	10		NA	NA	NA	NA
Acenaphthene	(ug/kg)	2500000	84000	<100	3292.0	<100	<100
Acenaphthylene	(ug/kg)	2500000	84000	<100	1636.0	3531.0	<100
Anthracene	(ug/kg)	2500000	400000	<100	15425.0	6603.0	<100
Benzo(a)anthracene	(ug/kg)	7800	1000	<100	[28441.0]	[30950.0]	<100
Benzo(a)pyrene	(ug/kg)	1000	1000	<100	[43270.0]	[28585.0]	[3269.0]
3,4-Benzofluoranthene	(ug/kg)	7800	1000	<100	[26506.0]	[24427.0]	<100
Benzo(k)fluoranthene	(ug/kg)	78000	1000	<100	[32661.0]	[18714.0]	<100
Chrysene	(ug/kg)	780000	960	<100	[28794.0]	[27318.0]	<100
Fluoranthene	(ug/kg)	2500000	56000	<100	[64475.0]	51323.0	<100
Fluorene	(ug/kg)	2500000	56000	<100	7249.0	<100	<100
Indeno(1,2,3-cd)pyrene	(ug/kg)	7800	1000	<500	[8147.0]	[6040.0]	<500
Naphthalene	(ug/kg)	2500000	56000	<100	<100	<100	<100
Phenanthrene	(ug/kg)	2500000	40000	<100	[72000.0]	26000.0	<100
Pyrene	(ug/kg)	2500000	40000	<100	[44532.0]	[48043.0]	<100
TPH	(mg/kg)	2500	2500	NA	NA	NA	NA
ETPH	(mg/kg)	2500	2500	94	57	32	1377
Arsenic	(mg/kg)	10		1.9	4.2	3.7	3.0
Barium	(mg/kg)	140000		47	48	34	23
Cadmium	(mg/kg)	1000		<0.5	<0.5	<0.5	<0.5
Chromium	(mg/kg)	100		7.6	10.2	11.7	8.8

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RSR exceedences are bracketed.

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English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-201 TB-201(0-2) 03/30/2000 1.00	TB-202 TB-202(2-4) 03/30/2000 3.00	TB-203 TB-203(0-2) 03/30/2000 1.00	TB-204 TB-204(2-4) 03/30/2000 3.00
Lead	(mg/kg)	1000		33.5	157	44.3	44.7
Mercury	(mg/kg)	610		0.03	0.28	0.07	0.14
Selenium	(mg/kg)	10000		<0.5	1.8	<0.5	0.9
Silver	(mg/kg)	10000		<0.2	<0.2	<0.2	<0.2

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-205 TB-205(2-4) 03/30/2000 3.00	TB-206 TB-206(2-4) 03/30/2000 3.00
PCB's	(mg/kg)	10		NA	NA
Acenaphthene	(ug/kg)	2500000	84000	<100	<100
Acenaphthylene	(ug/kg)	2500000	84000	1311.0	<100
Anthracene	(ug/kg)	2500000	400000	1034.0	<100
Benzo(a)anthracene	(ug/kg)	7800	1000	[10590.0]	[1316.0]
Benzo(a)pyrene	(ug/kg)	1000	1000	[14827.0]	[3433.0]
3,4-Benzofluoranthene	(ug/kg)	7800	1000	[15828.0]	[2767.0]
Benzo(k)fluoranthene	(ug/kg)	78000	1000	[12757.0]	[1754.0]
Chrysene	(ug/kg)	780000	960	[9540.0]	[1390.0]
Fluoranthene	(ug/kg)	2500000	56000	10237.0	1498.0
Fluorene	(ug/kg)	2500000	56000	<100	<100
Indeno(1,2,3-cd)pyrene	(ug/kg)	7800	1000	[7496.0]	<500
Naphthalene	(ug/kg)	2500000	56000	<100	<100
Phenanthrene	(ug/kg)	2500000	40000	3635.0	<100
Pyrene	(ug/kg)	2500000	40000	12721.0	1625.0
TPH	(mg/kg)	2500	2500	NA	NA
ETPH	(mg/kg)	2500	2500	189	115
Arsenic	(mg/kg)	10		6.1	9.3
Barium	(mg/kg)	140000		37	55
Cadmium	(mg/kg)	1000		<0.5	<0.5
Chromium	(mg/kg)	100		8.8	10.8

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RSR exceedences are bracketed.

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English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-205 TB-205(2-4) 03/30/2000 3.00	TB-206 TB-206(2-4) 03/30/2000 3.00
Lead	(mg/kg)	1000		134	276
Mercury	(mg/kg)	610		0.21	0.46
Selenium	(mg/kg)	10000		3.2	1.2
Silver	(mg/kg)	10000		<0.2	<0.2

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	MW-018 ES-MW18 (14-16) 05/29/1998 15.00	MW-020 ES-MW20 (11-13) 05/27/1998 12.00	SED-02 ES SED2 (0.5) 06/12/1998 0.50	TB-018 ES-TB18 (12-14) 05/28/1998 13.00
Lead (SPLP)	(mg/l)		0.15	0.008	0.005U	0.005U	0.005U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE			TB-018A	TB-200	TB-201	TB-202
	SAMPLE ID	Indust./Comm.	GB Mobility	ES-TB18A(16-18)	TB-200(0-2)	TB-201(0-2)	TB-202(2-4)
	DATE	Criteria	Criteria	05/28/1998	03/30/2000	03/30/2000	03/30/2000
	DEPTH (ft)	CTDEP Jan. 1996	CTDEP Jan. 1996	17.00	1.00	1.00	3.00
Lead (SPLP)	(mg/l)		0.15	0.005U	<0.005	<0.005	<0.005

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 05/27/1998 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE			TB-203	TB-204	TB-205	TB-206
	SAMPLE ID	Indust./Comm.	GB Mobility	TB-203(0-2)	TB-204(2-4)	TB-205(2-4)	TB-206(2-4)
	DATE	Criteria	Criteria	03/30/2000	03/30/2000	03/30/2000	03/30/2000
	DEPTH (ft)	CTDEP Jan. 1996	CTDEP Jan. 1996	1.00	3.00	3.00	3.00
Lead (SPLP)	(mg/l)		0.15	<0.005	0.007	0.012	0.031

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Southwest of Plant

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-213 TB-213(2-4) 03/30/2000 3.00	TB-216 TB-216(0-2) 03/30/2000 1.00
ETPH	(mg/kg)	2500	2500	29	130
Arsenic	(mg/kg)	10		2.9	4.4
Barium	(mg/kg)	140000		32	41
Chromium	(mg/kg)	-		7.4	22.0
Lead	(mg/kg)	1000		14.0	24.2
Mercury	(mg/kg)	610		0.03	0.09
Selenium	(mg/kg)	10000		0.9	1.1

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
BOR1	12/15/1999	6.00		1.2
BOR1	12/15/1999	11.00		1U
BOR1	12/15/1999	16.00		1U
BOR1	12/15/1999	21.00		1U
BOR1	12/15/1999	26.00		1U
BOR1	12/15/1999	31.00		1U
BOR2	12/15/1999	6.00		1U
BOR2	12/15/1999	11.00		1U
BOR2	12/15/1999	16.00		1U
BOR2	12/15/1999	21.00		1U
BOR2	12/15/1999	26.00		1U
BOR2	12/15/1999	31.00		1U
BOR3	12/15/1999	11.00		1U
BOR3	12/15/1999	16.00		1U
BOR3	12/15/1999	21.00		1U
BOR3	12/15/1999	26.00		1U
BOR3	12/15/1999	31.00		1U
BOR4	12/15/1999	6.00		1U
BOR4	12/15/1999	11.00		1U
BOR4	12/15/1999	16.00		1U
BOR4	12/15/1999	21.00		1U
BOR4	12/15/1999	26.00		1U
BOR4	12/15/1999	31.00		1U
BOR5	12/15/1999	6.00		1U
BOR5	12/15/1999	11.00		1U
BOR5	12/15/1999	16.00		1U
BOR5	12/15/1999	21.00		1U
BOR5	12/15/1999	26.00		1U
BOR5	12/15/1999	31.00		1U
GP-01	12/12/1997	12.00		1U
GP-02	12/12/1997	12.00		1U
GP-03	12/12/1997	4.00		1U
GP-04	12/12/1997	12.00		5.0
GP-05	12/12/1997	12.00		3.0
GP-07	12/12/1997	8.00		1U
GP-09	12/19/1997	1.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-09	12/19/1997	2.00		1U
GP-09	12/19/1997	3.00		1U
GP-09	12/19/1997	4.00		1U
GP-09	12/19/1997	5.00		1U
GP-09	12/19/1997	6.00		1U
GP-09	12/19/1997	7.00		1U
GP-09	12/19/1997	8.00		1U
GP-09	12/19/1997	9.00		1U
GP-09	12/19/1997	10.00		1U
GP-09	12/19/1997	11.00		1U
GP-09	12/19/1997	12.00		1U
GP-09	12/19/1997	13.00		1U
GP-09	12/19/1997	14.00		1U
GP-09	12/19/1997	15.00		1U
GP-09	12/19/1997	20.00		1U
GP-10	12/19/1997	1.00		1U
GP-10	12/19/1997	2.00		1U
GP-10	12/19/1997	3.00		1U
GP-10	12/19/1997	4.00		1U
GP-10	12/19/1997	5.00		1U
GP-10	12/19/1997	6.00		1U
GP-10	12/19/1997	7.00		1U
GP-10	12/19/1997	8.00		1U
GP-10	12/19/1997	9.00		1U
GP-10	12/19/1997	10.00		1U
GP-10	12/19/1997	11.00		1U
GP-10	12/19/1997	12.00		1U
GP-11	12/19/1997	1.00		1U
GP-11	12/19/1997	2.00		1U
GP-11	12/19/1997	3.00		1U
GP-11	12/19/1997	4.00		1U
GP-11	12/19/1997	5.00		1U
GP-11	12/19/1997	6.00		1U
GP-11	12/19/1997	7.00		1U
GP-11	12/19/1997	8.00		1U
GP-11	12/19/1997	9.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-11	12/19/1997	10.00		1U
GP-15	12/19/1997	4.00		1U
GP-15	12/19/1997	8.00		2.7
GP-15	12/19/1997	12.00		1U
GP-15	12/19/1997	16.00		1U
GP-15	12/19/1997	20.00		1U
GP-15	12/19/1997	25.00		1.4
GP-15	12/19/1997	28.00		1U
GP-15	12/19/1997	32.00		1U
GP-15	12/19/1997	36.00		1U
GP-16	12/29/1997	4.00		1.7
GP-16	12/29/1997	8.00		3.8
GP-16	12/29/1997	12.00		1U
GP-16	12/29/1997	16.00		1U
GP-16	12/29/1997	20.00		1U
GP-17	12/29/1997	4.00		7.3
GP-17	12/29/1997	8.00		[24.5]
GP-17	12/29/1997	12.00		1U
GP-17	12/29/1997	13.00		1U
GP-18	12/15/1999	1.50		1.7
GP-18	12/15/1999	2.50		1U
GP-18	12/15/1999	3.50		4.1
GP-18	12/15/1999	4.50		[16.7]
GP-18	12/15/1999	5.50		6.4
GP-18	12/15/1999	6.50		1U
GP-18	12/15/1999	7.50		1.9
GP-19	12/15/1999	3.50		1U
GP-19	12/15/1999	7.50		3.4
GP-19	12/15/1999	11.50		1U
GP-19	12/15/1999	12.50		1U
GP-20	12/15/1999	3.50		1U
GP-20	12/15/1999	7.50		5.0
GP-20	12/15/1999	11.50		1U
GP-20A	04/22/1999	1.00		1U
GP-20A	04/22/1999	3.00		1U
GP-20A	04/22/1999	5.00		1U

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RSR exceedences are bracketed.

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English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-20A	04/22/1999	7.00		8.2
GP-20A	04/22/1999	9.00		1.1
GP-20A	04/22/1999	11.00		1U
GP-22	12/15/1999	0.50		1U
GP-22	12/15/1999	1.50		1U
GP-22	12/15/1999	2.50		1U
GP-22	12/15/1999	3.50		1U
GP-22	12/15/1999	4.50		1U
GP-22	12/15/1999	5.50		1.5
GP-22	12/15/1999	6.50		1U
GP-22	12/15/1999	7.50		1U
GP-23	12/15/1999	0.50		1U
GP-23	12/15/1999	1.50		1U
GP-23	12/15/1999	2.50		1U
GP-23	12/15/1999	3.50		1U
GP-23	12/15/1999	4.50		1U
GP-23	12/15/1999	5.50		9.3
GP-23	12/15/1999	6.50		3.2
GP-23	12/15/1999	7.50		8.4
GP-23	12/15/1999	8.50		6.7
GP-23	12/15/1999	9.50		3.9
GP-24	12/15/1999	0.50		1U
GP-24	12/15/1999	1.50		1U
GP-24	12/15/1999	2.50		2.0
GP-24	12/15/1999	3.50		2.3
GP-24	12/15/1999	4.50		1.8
GP-24	12/15/1999	5.50		1.0
GP-24	12/15/1999	6.50		1U
GP-24	12/15/1999	7.50		7.9
GP-24	12/15/1999	8.50		1U
GP-24	12/15/1999	9.50		7.5
GP-24	12/15/1999	10.50		1U
GP-24	12/15/1999	11.50		1U
GP-24	12/15/1999	12.50		1U
GP-24	12/15/1999	13.50		1U
GP-24	12/15/1999	14.50		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-24	12/15/1999	16.00		1U
GP-30	04/22/1999	1.00		1U
GP-30	04/22/1999	3.00		1U
GP-30	04/22/1999	5.00		3.8
GP-30	04/22/1999	7.00		5.4
GP-30	04/22/1999	9.00		1U
GP-30	04/22/1999	11.00		1U
GP-31	04/22/1999	1.00		1U
GP-31	04/22/1999	3.00		1U
GP-31	04/22/1999	5.00		1U
GP-31	04/22/1999	7.00		7.1
GP-31	04/22/1999	9.00		1U
GP-31	04/22/1999	11.00		1U
GP-32	04/22/1999	1.00		1U
GP-32	04/22/1999	3.00		1U
GP-32	04/22/1999	5.00		1.2
GP-32	04/22/1999	7.00		8.7
GP-32	04/22/1999	9.00		2.6
GP-32	04/22/1999	11.00		1U
GP-33	04/22/1999	1.00		1U
GP-33	04/22/1999	3.00		1U
GP-33	04/22/1999	5.00		1U
GP-33	04/22/1999	7.00		1U
GP-33	04/22/1999	9.00		1U
GP-33	04/22/1999	10.50		1U
GP-35	04/22/1999	1.00		1U
GP-35	04/22/1999	3.00		1U
GP-36	04/22/1999	1.00		1U
GP-36	04/22/1999	3.00		1.5
GP-38	04/23/1999	1.00		1U
GP-38	04/23/1999	3.00		1U
GP-38	04/23/1999	5.00		2.5
GP-38	04/23/1999	7.00		6.3
GP-39	04/23/1999	1.00		1U
GP-39	04/23/1999	3.00		1U
GP-39	04/23/1999	5.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-39	04/23/1999	7.00		2.6
GP-40	04/23/1999	1.00		1U
GP-40	04/23/1999	3.00		1U
GP-40	04/23/1999	5.00		1U
GP-40	04/23/1999	7.00		1U
GP-41	04/23/1999	1.00		1U
GP-41	04/23/1999	3.00		1U
GP-41	04/23/1999	5.00		1U
GP-41	04/23/1999	7.00		1U
GP-41	04/23/1999	9.00		1U
GP-41	04/23/1999	11.00		1U
GP-621	12/15/1999	0.50		1U
GP-621	12/15/1999	1.50		1U
GP-621	12/15/1999	2.50		1U
GP-621	12/15/1999	3.50		1U
GP-621	12/15/1999	4.50		1U
GP-621	12/15/1999	5.50		1U
GP-621	12/15/1999	6.50		1U
GP-621	12/15/1999	7.50		1U
GP-621	12/15/1999	8.50		1U
GP-621	12/15/1999	9.50		1U
GP-621	12/15/1999	10.50		1U
GP-621	12/15/1999	11.50		1U
MW-050	10/12/1999	1.00	MW50	1U
MW-050	10/12/1999	3.00		1U
MW-050	10/12/1999	5.00		1.4
MW-050	10/12/1999	9.00		1U
MW-050	10/12/1999	11.00		1U
MW-051	10/12/1999	1.00		1U
MW-051	10/12/1999	3.00		1U
MW-051	10/12/1999	5.00		1U
MW-051	10/12/1999	7.00		1.7
MW-051	10/12/1999	9.00		1U
MW-051	10/12/1999	11.00		1U
MW-052	10/12/1999	5.00		1U
MW-053	10/12/1999	1.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

Date: 05/03/2000

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
MW-053	10/12/1999	3.00		1U
MW-053	10/12/1999	5.00		1U
MW-053	10/12/1999	7.00		2.6
MW-053	10/12/1999	9.00		1U
MW-053	10/12/1999	11.00		1U
MWP-01	12/15/1999	1.00		4.3
MWP-01	12/15/1999	3.00		1U
MWP-01	12/15/1999	5.00		5.6
MWP-01	12/15/1999	7.00		2.9
MWP-01	12/15/1999	9.00		1U
MWP-01	12/15/1999	11.00		1.1
MWP-01	12/15/1999	13.00		1U
MWP-01	12/15/1999	15.00		1U
MWP-01	12/15/1999	20.00		1U
MWP-01	12/15/1999	25.00		1U
MWP-01	12/15/1999	30.00		1U
MWP-01	12/15/1999	35.00		1U
MWP-01	12/15/1999	40.00		1U
MWP-01	12/15/1999	45.00		1U
MWP-01	12/15/1999	50.00		1U
MWP-01	12/15/1999	55.00		1U
MWP-01	12/15/1999	65.00		1U
MWP-02	12/15/1999	1.00		2.8
MWP-02	12/15/1999	3.00		1.9
MWP-02	12/15/1999	5.00		[33.2]
MWP-02	12/15/1999	7.00		[10.6]
MWP-02	12/15/1999	9.00		1U
MWP-02	12/15/1999	11.00		1U
MWP-02	12/15/1999	13.00		1U
MWP-02	12/15/1999	15.00		1U
MWP-02	12/15/1999	20.00		1U
MWP-02	12/15/1999	25.00		1U
MWP-02	12/15/1999	30.00		1U
MWP-02	12/15/1999	35.00		1U
MWP-02	12/15/1999	40.00		1U
MWP-02	12/15/1999	45.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.Criteria	CTDEP Jan. 1996			10
GB MobilityCriteria	CTDEP Jan. 1996			
MWP-02	12/15/1999	50.00		1U
MWP-02	12/15/1999	55.00		1U
MWP-02	12/15/1999	60.00		1U
MWP-02	12/15/1999	65.00		1U
MWP-02	12/15/1999	70.00		1U
MWP-03	12/15/1999	1.00		1U
MWP-03	12/15/1999	3.00		1U
MWP-03	12/15/1999	5.00		4.6
MWP-03	12/15/1999	7.00		[11.9]
MWP-03	12/15/1999	9.00		1U
MWP-03	12/15/1999	11.00		1U
MWP-03	12/15/1999	13.00		1U
MWP-03	12/15/1999	15.00		1U
MWP-03	12/15/1999	20.00		1U
MWP-03	12/15/1999	25.00		1U
MWP-03	12/15/1999	30.00		1U
MWP-03	12/15/1999	35.00		1U
MWP-03	12/15/1999	40.00		1U
MWP-03	12/15/1999	45.00		1U
MWP-03	12/15/1999	50.00		1U
MWP-03	12/15/1999	55.00		1U
MWP-03	12/15/1999	60.00		1U
MWP-03	12/15/1999	65.00		1U
MWP-03	12/15/1999	70.00		1U
MWP-04	12/15/1999	1.00		4.5
MWP-04	12/15/1999	3.00		1U
MWP-04	12/15/1999	5.00		4.5
MWP-04	12/15/1999	7.00		3.4
MWP-04	12/15/1999	9.00		1U
MWP-04	12/15/1999	11.00		1U
MWP-04	12/15/1999	13.00		1U
MWP-04	12/15/1999	15.00		1U
MWP-04	12/15/1999	20.00		1U
MWP-04	12/15/1999	25.00		1U
MWP-04	12/15/1999	30.00		1U
MWP-04	12/15/1999	35.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
MWP-04	12/15/1999	40.00		1U
MWP-04	12/15/1999	45.00		1U
MWP-04	12/15/1999	50.00		1U
MWP-04	12/15/1999	55.00		1U
MWP-04	12/15/1999	60.00		1U
MWP-04	12/15/1999	65.00		1U
MWP-04	12/15/1999	70.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Station B
(AOC 1)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-217 TB-217(0-2) 03/30/2000 1.00	TB-217 TB-217(2-4) 03/30/2000 3.00	TB-217 TB-217(4-6) 03/30/2000 5.00	TB-217 TB-217(6-8) 03/30/2000 7.00
ETPH	(mg/kg)	2500	2500	<25	<200	224	360
Arsenic	(mg/kg)	10		6.9	7.9	NA	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Gasoline USTs
(AOC 2)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-218 TB-218(0-2) 03/30/2000 1.00	TB-218 TB-218(4-6) 03/30/2000 5.00	TB-226 TB-226(2-4) 03/31/2000 3.00	TB-227 TB-227(4-6) 03/31/2000 5.00
Acenaphthylene	(ug/kg)	2500000	84000	<100	2020.0	<100	NA
Anthracene	(ug/kg)	2500000	400000	<100	1304.0	<100	NA
Benzo(a)anthracene	(ug/kg)	7800	1000	<100	3445.0	<100	NA
Benzo(a)pyrene	(ug/kg)	1000	1000	<100	[5584.0]	<100	NA
3,4-Benzofluoranthene	(ug/kg)	7800	1000	<100	4605.0	<100	NA
Benzo(k)fluoranthene	(ug/kg)	78000	1000	<100	3665.0	<100	NA
Chrysene	(ug/kg)	780000	960 1000	<100	3607.0	<100	NA
Fluoranthene	(ug/kg)	2500000	56000	<100	4434.0	1303.0	NA
Fluorene	(ug/kg)	2500000	56000	<100	1603.0	<100	NA
Naphthalene	(ug/kg)	2500000	56000	<100	5066.0	<100	NA
Phenanthrene	(ug/kg)	2500000	40000	<100	5639.0	1034.0	NA
Pyrene	(ug/kg)	2500000	40000	<100	4745.0	1100.0	NA
ETPH	(mg/kg)	2500	2500	534	162	39	99
Arsenic	(mg/kg)	10		3.3	NA	4.2	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Gasoline USTs
(AOC 2)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-227 TB-227(10-12) 03/31/2000 11.00	TB-228 TB-228(2-4) 03/31/2000 3.00	TB-228 TB-228(4-6) 03/31/2000 5.00	TB-229 TB-229(0-2) 03/31/2000 1.00
Acenaphthylene	(ug/kg)	2500000	84000	NA	<100	NA	<100
Anthracene	(ug/kg)	2500000	400000	NA	<100	NA	<100
Benzo(a)anthracene	(ug/kg)	7800	1000	NA	114.0	NA	129.0
Benzo(a)pyrene	(ug/kg)	1000	1000	NA	126.0	NA	100.0
3,4-Benzofluoranthene	(ug/kg)	7800	1000	NA	158.0	NA	135.0
Benzo(k)fluoranthene	(ug/kg)	78000	1000	NA	135.0	NA	124.0
Chrysene	(ug/kg)	780000	960	NA	135.0	NA	237.0
Fluoranthene	(ug/kg)	2500000	56000	NA	219.0	NA	170.0
Fluorene	(ug/kg)	2500000	56000	NA	<100	NA	<100
Naphthalene	(ug/kg)	2500000	56000	NA	<100	NA	<100
Phenanthrene	(ug/kg)	2500000	40000	NA	<100	NA	<100
Pyrene	(ug/kg)	2500000	40000	NA	212.0	NA	334.0
ETPH	(mg/kg)	2500	2500	954	133	172	45
Arsenic	(mg/kg)	10		NA	2.5	NA	6.4

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Gasoline USTs
(AOC 2)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-229 TB-229(4-6) 03/31/2000 5.00
Acenaphthylene	(ug/kg)	2500000	84000	NA
Anthracene	(ug/kg)	2500000	400000	NA
Benzo(a)anthracene	(ug/kg)	7800	1000	NA
Benzo(a)pyrene	(ug/kg)	1000	1000	NA
3,4-Benzofluoranthene	(ug/kg)	7800	1000	NA
Benzo(k)fluoranthene	(ug/kg)	78000	1000	NA
Chrysene	(ug/kg)	780000	960	NA
Fluoranthene	(ug/kg)	2500000	56000	NA
Fluorene	(ug/kg)	2500000	56000	NA
Naphthalene	(ug/kg)	2500000	56000	NA
Phenanthrene	(ug/kg)	2500000	40000	NA
Pyrene	(ug/kg)	2500000	40000	NA
ETPH	(mg/kg)	2500	2500	<25
Arsenic	(mg/kg)	10		NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil Pump Room/Waste Oil AST
(AOC 7)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-207 TB-207(0-2) 03/30/2000 1.00	TB-208 TB-208(0-2) 03/30/2000 1.00	TB-209 TB-209(2-4) 03/30/2000 3.00	TB-210 TB-210(0-2) 03/30/2000 1.00
PCB's	(mg/kg)	10		NA	NA	NA	NA
Benzo(a)pyrene	(ug/kg)	1000	1000	215.0	[2138.0]	[1385.0]	<100
3,4-Benzofluoranthene	(ug/kg)	7800	1000	158.0	2437.0	1076.0	<100
Benzo(k)fluoranthene	(ug/kg)	78000	1000	122.0	1491.0	<100	<100
Fluoranthene	(ug/kg)	2500000	56000	<100	1250.0	<100	<100
Pyrene	(ug/kg)	2500000	40000	<100	1179.0	<100	<100
ETPH	(mg/kg)	2500	2500	<25	<25	291	65
Arsenic	(mg/kg)	10		3.9	2.8	5.2	2.2
Barium	(mg/kg)	140000		33	30	20	32
Cadmium	(mg/kg)	1000		<0.5	<0.5	<0.5	<0.5
Chromium	(mg/kg)			7.5	6.2	8.0	9.3
Lead	(mg/kg)	1000		87.1	11.5	28.5	31.3
Mercury	(mg/kg)	610		0.06	0.06	0.06	0.03
Selenium	(mg/kg)	10000		<0.5	<0.5	<0.5	2.5
Silver	(mg/kg)	10000		<0.2	<0.2	<0.2	<0.2
Lead (SPLP)	(mg/l)		0.15	0.010	<0.005	<0.005	0.006

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil Pump Room/Waste Oil AST
(AOC 7)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-223 TB-223(3.5-3.8) 03/31/2000 3.65	TB-224 TB-224(1-1.3) 03/31/2000 1.15	TB-224 TB-224(2-3) 03/31/2000 2.50	TB-225 TB-225(1.7-2.0) 03/31/2000 1.85
PCB's	(mg/kg)	10		<1.0	5	7	[14]
Benzo(a)pyrene	(ug/kg)	1000	1000	NA	NA	NA	NA
3,4-Benzofluoranthene	(ug/kg)	7800	1000	NA	NA	NA	NA
Benzo(k)fluoranthene	(ug/kg)	78000	1000	NA	NA	NA	NA
Fluoranthene	(ug/kg)	2500000	56000	NA	NA	NA	NA
Pyrene	(ug/kg)	2500000	40000	NA	NA	NA	NA
ETPH	(mg/kg)	2500	2500	<25	54	428	236
Arsenic	(mg/kg)	10		NA	NA	NA	NA
Barium	(mg/kg)	140000		NA	NA	NA	NA
Cadmium	(mg/kg)	1000		NA	NA	NA	NA
Chromium	(mg/kg)			NA	NA	NA	NA
Lead	(mg/kg)	1000		NA	NA	NA	NA
Mercury	(mg/kg)	610		NA	NA	NA	NA
Selenium	(mg/kg)	10000		NA	NA	NA	NA
Silver	(mg/kg)	10000		NA	NA	NA	NA
Lead (SPLP)	(mg/l)		0.15	NA	NA	NA	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil Pump Room/Waste Oil AST
(AOC 7)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-225 TB-225(3.7-4.0) 03/31/2000 3.85
PCB's	(mg/kg)	10		4
Benzo(a)pyrene	(ug/kg)	1000	1000	NA
3,4-Benzofluoranthene	(ug/kg)	7800	1000	NA
Benzo(k)fluoranthene	(ug/kg)	78000	1000	NA
Fluoranthene	(ug/kg)	2500000	56000	NA
Pyrene	(ug/kg)	2500000	40000	NA
ETPH	(mg/kg)	2500	2500	1235
Arsenic	(mg/kg)	10		NA
Barium	(mg/kg)	140000		NA
Cadmium	(mg/kg)	1000		NA
Chromium	(mg/kg)			NA
Lead	(mg/kg)	1000		NA
Mercury	(mg/kg)	610		NA
Selenium	(mg/kg)	10000		NA
Silver	(mg/kg)	10000		NA
Lead (SPLP)	(mg/l)		0.15	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil ASTs
(AOC 8)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	SS-104	SS-105	SS-106	SS-107
	SAMPLE ID			SS-04	SS-05	SS-06	SS-07
	DATE			03/31/2000	03/31/2000	03/31/2000	03/31/2000
	DEPTH (ft)			0.15	0.15	0.15	0.15
PCB's	(mg/kg)	10		3	2	1	<1.0
ETPH	(mg/kg)	2500	2500	<25	<25	<25	<25
Arsenic	(mg/kg)	10		NA	NA	NA	NA
Barium	(mg/kg)	140000		NA	NA	NA	NA
Chromium	(mg/kg)			NA	NA	NA	NA
Lead	(mg/kg)	1000		NA	NA	NA	NA
Mercury	(mg/kg)	610		NA	NA	NA	NA
Selenium	(mg/kg)	10000		NA	NA	NA	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil ASTs
(AOC 8)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	SS-108 SS-08 03/31/2000 0.15	TB-211 TB-211(0-2) 03/30/2000 1.00	TB-212 TB-212(2-4) 03/30/2000 3.00	TB-219 TB-219(3-3.3) 03/31/2000 3.15
PCB's	(mg/kg)	10		1	NA	NA	<1.0
ETPH	(mg/kg)	2500	2500	<25	<25	53	41
Arsenic	(mg/kg)	10		NA	3.0	6.3	NA
Barium	(mg/kg)	140000		NA	31	31	NA
Chromium	(mg/kg)			NA	6.8	7.5	NA
Lead	(mg/kg)	1000		NA	55.9	26.6	NA
Mercury	(mg/kg)	610		NA	0.20	0.25	NA
Selenium	(mg/kg)	10000		NA	<0.5	1.4	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil ASTs
(AOC 8)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-219 TB-219(7-7.3) 03/31/2000 7.15	TB-220 TB-220(1.5-1.8) 03/31/2000 1.65	TB-220 TB-220(3.5-3.8) 03/31/2000 3.65	TB-220 TB-220(5-5.3) 03/31/2000 5.15
PCB's	(mg/kg)	10		<1.0	<1.0	<1.0	<1.0
ETPH	(mg/kg)	2500	2500	46	1050	60	1115
Arsenic	(mg/kg)	10		NA	NA	NA	NA
Barium	(mg/kg)	140000		NA	NA	NA	NA
Chromium	(mg/kg)			NA	NA	NA	NA
Lead	(mg/kg)	1000		NA	NA	NA	NA
Mercury	(mg/kg)	610		NA	NA	NA	NA
Selenium	(mg/kg)	10000		NA	NA	NA	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Oil ASTs
(AOC 8)

PERIOD: From 03/30/2000 thru 03/31/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-221 TB-221(5-5.3) 03/31/2000 5.15	TB-222 TB-222(1.7-2.0) 03/31/2000 1.85	TB-222 TB-222(5.9-6.2) 03/31/2000 6.05
PCB's	(mg/kg)	10		<1.0	<1.0	<1.0
ETPH	(mg/kg)	2500	2500	128	244	29
Arsenic	(mg/kg)	10		NA	NA	NA
Barium	(mg/kg)	140000		NA	NA	NA
Chromium	(mg/kg)			NA	NA	NA
Lead	(mg/kg)	1000		NA	NA	NA
Mercury	(mg/kg)	610		NA	NA	NA
Selenium	(mg/kg)	10000		NA	NA	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Capacitors/Transformers
(AOC 9)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	HA-01 HA-01 03/30/2000 1.65	HA-02 HA-02 03/30/2000 0.95	SS-101 SS-01 03/30/2000 0.15	SS-102 SS-02 03/30/2000 0.15
PCB's	(mg/kg)	10		[29]	<1.0	<1.0	[23]
Arsenic	(mg/kg)	10		NA	[230]	[150]	5.4

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Capacitors/Transformers
(AOC 9)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	SS-103 SS-03 03/30/2000 0.15	TB-214 TB-214(3-3.3) 03/30/2000 3.15	TB-215 TB-215(2-2.2) 03/30/2000 2.10
PCB's	(mg/kg)	10		<1.0	2	4
Arsenic	(mg/kg)	10		[116]	NA	NA

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Coal Storage Area
(AOC 12)

PERIOD: From 03/31/2000 thru 04/03/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE			HA-03	TB-230	TB-231	TB-232
	SAMPLE ID	Indust./Comm.	GB Mobility	HA-(0-2)	TB-230(2-4)	TB-231(0-2)	TB-232(2-4)
	DATE	Criteria	Criteria	03/31/2000	04/03/2000	04/03/2000	04/03/2000
	DEPTH (ft)	CTDEP Jan. 1996	CTDEP Jan. 1996	1.00	3.00	1.00	3.00
Arsenic	(mg/kg)	10		[16.1] done	5.0	[11.5] done	[11.5] done

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Coal Storage Area
(AOC 12)

PERIOD: From 03/31/2000 thru 04/03/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE	Indust./Comm.	GB Mobility	TB-233	TB-234	TB-235	TB-236
	SAMPLE ID			TB-233(2-4)	TB-234(0-2)	TB-235(2-4)	TB-236(0-2)
	DATE	Criteria	Criteria	04/03/2000	04/03/2000	04/03/2000	04/03/2000
	DEPTH (ft)	CTDEP Jan. 1996	CTDEP Jan. 1996	3.00	1.00	3.00	1.00
Arsenic	(mg/kg)	10		[32.3]	[12.4]	[22.8]	3.6

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Coal Storage Area
(AOC 12)

PERIOD: From 03/31/2000 thru 04/03/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-237 TB-237(0-2) 04/03/2000 1.00	TB-239 TB-239(0-2) 04/03/2000 1.00	TB-240 TB-240(2-4) 04/03/2000 3.00	TB-241 TB-241(1-3) 04/03/2000 2.00
Arsenic	(mg/kg)	10		7.9	4.3	3.0	7.3

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Coal Storage Area
(AOC 12)

PERIOD: From 03/31/2000 thru 04/03/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE			TB-242
	SAMPLE ID	Indust./Comm.	GB Mobility	TB-242(1-3)
	DATE	Criteria	Criteria	04/03/2000
	DEPTH (ft)	CTDEP Jan. 1996	CTDEP Jan. 1996	2.00
Arsenic	(mg/kg)	10		5.5

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-200 TB-200(0-2) 03/30/2000 1.00	TB-201 TB-201(0-2) 03/30/2000 1.00	TB-202 TB-202(2-4) 03/30/2000 3.00	TB-203 TB-203(0-2) 03/30/2000 1.00
Acenaphthene	(ug/kg)	2500000	84000	<100	<100	3292.0	<100
Acenaphthylene	(ug/kg)	2500000	84000	<100	<100	1636.0	3531.0
Anthracene	(ug/kg)	2500000	400000	<100	<100	15425.0	6603.0
Benzo(a)anthracene	(ug/kg)	7800	1000	<100	<100	[28441.0]	[30950.0]
Benzo(a)pyrene	(ug/kg)	1000	1000	170.0	<100	[43270.0]	[28585.0]
3,4-Benzofluoranthene	(ug/kg)	7800	1000	114.0	<100	[26506.0]	[24427.0]
Benzo(k)fluoranthene	(ug/kg)	78000	1000	<100	<100	32661.0	18714.0
Chrysene	(ug/kg)	780000	960	<100	<100	28794.0	27318.0
Fluoranthene	(ug/kg)	2500000	56000	<100	<100	64475.0	51323.0
Fluorene	(ug/kg)	2500000	56000	<100	<100	7249.0	<100
Indeno(1,2,3-cd)pyrene	(ug/kg)	7800	1000	<500	<500	[8147.0]	6040.0
Phenanthrene	(ug/kg)	2500000	40000	<100	<100	72000.0	26000.0
Pyrene	(ug/kg)	2500000	40000	<100	<100	44532.0	48043.0
ETPH	(mg/kg)	2500	2500	28	94	57	32
Arsenic	(mg/kg)	10		2.9	1.9	4.2	3.7
Barium	(mg/kg)	140000		41	47	48	34
Cadmium	(mg/kg)	1000		<0.5	<0.5	<0.5	<0.5
Chromium	(mg/kg)			8.0	7.6	10.2	11.7
Lead	(mg/kg)	1000		19.3	33.5	157	44.3
Mercury	(mg/kg)	610		0.06	0.03	0.28	0.07
Selenium	(mg/kg)	10000		<0.5	<0.5	1.8	<0.5

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1996	TB-200 TB-200(0-2) 03/30/2000 1.00	TB-201 TB-201(0-2) 03/30/2000 1.00	TB-202 TB-202(2-4) 03/30/2000 3.00	TB-203 TB-203(0-2) 03/30/2000 1.00
Silver	(mg/kg)	10000		<0.2	<0.2	<0.2	<0.2
Lead (SPLP)	(mg/l)		0.15	<0.005	<0.005	<0.005	<0.005

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1998	TB-204 TB-204(2-4) 03/30/2000 3.00	TB-205 TB-205(2-4) 03/30/2000 3.00	TB-206 TB-206(2-4) 03/30/2000 3.00
Acenaphthene	(ug/kg)	2500000	84000	<100	<100	<100
Acenaphthylene	(ug/kg)	2500000	84000	<100	1311.0	<100
Anthracene	(ug/kg)	2500000	400000	<100	1034.0	<100
Benzo(a)anthracene	(ug/kg)	7800	1000	<100	[10590.0]	1316.0
Benzo(a)pyrene	(ug/kg)	1000	1000	[3269.0]	[14827.0]	[3433.0]
3,4-Benzofluoranthene	(ug/kg)	7800	1000	<100	[15828.0]	2767.0
Benzo(k)fluoranthene	(ug/kg)	78000	1000	<100	12757.0	1754.0
Chrysene	(ug/kg)	780000	960	<100	9540.0	1390.0
Fluoranthene	(ug/kg)	2500000	56000	<100	10237.0	1498.0
Fluorene	(ug/kg)	2500000	56000	<100	<100	<100
Indeno(1,2,3-cd)pyrene	(ug/kg)	7800	1000	<500	7496.0	<500
Phenanthrene	(ug/kg)	2500000	40000	<100	3635.0	<100
Pyrene	(ug/kg)	2500000	40000	<100	12721.0	1625.0
ETPH	(mg/kg)	2500	2500	1377	189	115
Arsenic	(mg/kg)	10		3.0	6.1	9.3
Barium	(mg/kg)	140000		23	37	55
Cadmium	(mg/kg)	1000		<0.5	<0.5	<0.5
Chromium	(mg/kg)			8.8	8.8	10.8
Lead	(mg/kg)	1000		44.7	134	276
Mercury	(mg/kg)	610		0.14	0.21	0.46
Selenium	(mg/kg)	10000		0.9	3.2	1.2

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
Wastewater Treatment System/Station East
(AOC 13)

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE SAMPLE ID DATE DEPTH (ft)	Indust./Comm. Criteria CTDEP Jan. 1996	GB Mobility Criteria CTDEP Jan. 1998	TB-204 TB-204(2-4) 03/30/2000 3.00	TB-205 TB-205(2-4) 03/30/2000 3.00	TB-206 TB-206(2-4) 03/30/2000 3.00
Silver	(mg/kg)	10000		<0.2	<0.2	<0.2
Lead (SPLP)	(mg/l)		0.15	0.007	0.012	0.031

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

Date: 05/03/2000

English Station
Summary of Soil Analytical Data
Southwest of Plant

PERIOD: From 03/30/2000 thru 03/30/2000 - Inclusive
SAMPLE TYPE: Soil

CONSTITUENT	SITE			TB-213	TB-216
	SAMPLE ID	Indust./Comm.	GB Mobility	TB-213(2-4)	TB-216(0-2)
	DATE	Criteria	Criteria	03/30/2000	03/30/2000
	DEPTH (ft)	CTDEP Jan. 1996	CTDEP Jan. 1996	3.00	1.00
ETPH	(mg/kg)	2500	2500	29	130
Arsenic	(mg/kg)	10		2.9	4.4
Barium	(mg/kg)	140000		32	41
Chromium	(mg/kg)			7.4	22.0
Lead	(mg/kg)	1000		14.0	24.2
Mercury	(mg/kg)	610		0.03	0.09
Selenium	(mg/kg)	10000		0.9	1.1

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
BOR1	12/15/1999	6.00		1.2
BOR1	12/15/1999	11.00		1U
BOR1	12/15/1999	16.00		1U
BOR1	12/15/1999	21.00		1U
BOR1	12/15/1999	26.00		1U
BOR1	12/15/1999	31.00		1U
BOR2	12/15/1999	6.00		1U
BOR2	12/15/1999	11.00		1U
BOR2	12/15/1999	16.00		1U
BOR2	12/15/1999	21.00		1U
BOR2	12/15/1999	26.00		1U
BOR2	12/15/1999	31.00		1U
BOR3	12/15/1999	11.00		1U
BOR3	12/15/1999	16.00		1U
BOR3	12/15/1999	21.00		1U
BOR3	12/15/1999	26.00		1U
BOR3	12/15/1999	31.00		1U
BOR4	12/15/1999	6.00		1U
BOR4	12/15/1999	11.00		1U
BOR4	12/15/1999	16.00		1U
BOR4	12/15/1999	21.00		1U
BOR4	12/15/1999	26.00		1U
BOR4	12/15/1999	31.00		1U
BOR5	12/15/1999	6.00		1U
BOR5	12/15/1999	11.00		1U
BOR5	12/15/1999	16.00		1U
BOR5	12/15/1999	21.00		1U
BOR5	12/15/1999	26.00		1U
BOR5	12/15/1999	31.00		1U
GP-01	12/12/1997	12.00		1U
GP-02	12/12/1997	12.00		1U
GP-03	12/12/1997	4.00		1U
GP-04	12/12/1997	12.00		5.0
GP-05	12/12/1997	12.00		3.0
GP-07	12/12/1997	8.00		1U
GP-09	12/19/1997	1.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.Criteria	CTDEP Jan. 1996			10
GB MobilityCriteria	CTDEP Jan. 1996			
GP-09	12/19/1997	2.00		1U
GP-09	12/19/1997	3.00		1U
GP-09	12/19/1997	4.00		1U
GP-09	12/19/1997	5.00		1U
GP-09	12/19/1997	6.00		1U
GP-09	12/19/1997	7.00		1U
GP-09	12/19/1997	8.00		1U
GP-09	12/19/1997	9.00		1U
GP-09	12/19/1997	10.00		1U
GP-09	12/19/1997	11.00		1U
GP-09	12/19/1997	12.00		1U
GP-09	12/19/1997	13.00		1U
GP-09	12/19/1997	14.00		1U
GP-09	12/19/1997	15.00		1U
GP-09	12/19/1997	20.00		1U
GP-10	12/19/1997	1.00		1U
GP-10	12/19/1997	2.00		1U
GP-10	12/19/1997	3.00		1U
GP-10	12/19/1997	4.00		1U
GP-10	12/19/1997	5.00		1U
GP-10	12/19/1997	6.00		1U
GP-10	12/19/1997	7.00		1U
GP-10	12/19/1997	8.00		1U
GP-10	12/19/1997	9.00		1U
GP-10	12/19/1997	10.00		1U
GP-10	12/19/1997	11.00		1U
GP-10	12/19/1997	12.00		1U
GP-11	12/19/1997	1.00		1U
GP-11	12/19/1997	2.00		1U
GP-11	12/19/1997	3.00		1U
GP-11	12/19/1997	4.00		1U
GP-11	12/19/1997	5.00		1U
GP-11	12/19/1997	6.00		1U
GP-11	12/19/1997	7.00		1U
GP-11	12/19/1997	8.00		1U
GP-11	12/19/1997	9.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-11	12/19/1997	10.00		1U
GP-15	12/19/1997	4.00		1U
GP-15	12/19/1997	8.00		2.7
GP-15	12/19/1997	12.00		1U
GP-15	12/19/1997	16.00		1U
GP-15	12/19/1997	20.00		1U
GP-15	12/19/1997	25.00		1.4
GP-15	12/19/1997	28.00		1U
GP-15	12/19/1997	32.00		1U
GP-15	12/19/1997	36.00		1U
GP-16	12/29/1997	4.00		1.7
GP-16	12/29/1997	8.00		3.8
GP-16	12/29/1997	12.00		1U
GP-16	12/29/1997	16.00		1U
GP-16	12/29/1997	20.00		1U
GP-17	12/29/1997	4.00		7.3
GP-17	12/29/1997	8.00		[24.5]
GP-17	12/29/1997	12.00		1U
GP-17	12/29/1997	13.00		1U
GP-18	12/15/1999	1.50		1.7
GP-18	12/15/1999	2.50		1U
GP-18	12/15/1999	3.50		4.1
GP-18	12/15/1999	4.50		[16.7]
GP-18	12/15/1999	5.50		6.4
GP-18	12/15/1999	6.50		1U
GP-18	12/15/1999	7.50		1.9
GP-19	12/15/1999	3.50		1U
GP-19	12/15/1999	7.50		3.4
GP-19	12/15/1999	11.50		1U
GP-19	12/15/1999	12.50		1U
GP-20	12/15/1999	3.50		1U
GP-20	12/15/1999	7.50		5.0
GP-20	12/15/1999	11.50		1U
GP-20A	04/22/1999	1.00		1U
GP-20A	04/22/1999	3.00		1U
GP-20A	04/22/1999	5.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-20A	04/22/1999	7.00		8.2
GP-20A	04/22/1999	9.00		1.1
GP-20A	04/22/1999	11.00		1U
GP-22	12/15/1999	0.50		1U
GP-22	12/15/1999	1.50		1U
GP-22	12/15/1999	2.50		1U
GP-22	12/15/1999	3.50		1U
GP-22	12/15/1999	4.50		1U
GP-22	12/15/1999	5.50		1.5
GP-22	12/15/1999	6.50		1U
GP-22	12/15/1999	7.50		1U
GP-23	12/15/1999	0.50		1U
GP-23	12/15/1999	1.50		1U
GP-23	12/15/1999	2.50		1U
GP-23	12/15/1999	3.50		1U
GP-23	12/15/1999	4.50		1U
GP-23	12/15/1999	5.50		9.3
GP-23	12/15/1999	6.50		3.2
GP-23	12/15/1999	7.50		8.4
GP-23	12/15/1999	8.50		6.7
GP-23	12/15/1999	9.50		3.9
GP-24	12/15/1999	0.50		1U
GP-24	12/15/1999	1.50		1U
GP-24	12/15/1999	2.50		2.0
GP-24	12/15/1999	3.50		2.3
GP-24	12/15/1999	4.50		1.8
GP-24	12/15/1999	5.50		1.0
GP-24	12/15/1999	6.50		1U
GP-24	12/15/1999	7.50		7.9
GP-24	12/15/1999	8.50		1U
GP-24	12/15/1999	9.50		7.5
GP-24	12/15/1999	10.50		1U
GP-24	12/15/1999	11.50		1U
GP-24	12/15/1999	12.50		1U
GP-24	12/15/1999	13.50		1U
GP-24	12/15/1999	14.50		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

Date: 05/03/2000

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-24	12/15/1999	16.00		1U
GP-30	04/22/1999	1.00		1U
GP-30	04/22/1999	3.00		1U
GP-30	04/22/1999	5.00		3.8
GP-30	04/22/1999	7.00		5.4
GP-30	04/22/1999	9.00		1U
GP-30	04/22/1999	11.00		1U
GP-31	04/22/1999	1.00		1U
GP-31	04/22/1999	3.00		1U
GP-31	04/22/1999	5.00		1U
GP-31	04/22/1999	7.00		7.1
GP-31	04/22/1999	9.00		1U
GP-31	04/22/1999	11.00		1U
GP-32	04/22/1999	1.00		1U
GP-32	04/22/1999	3.00		1U
GP-32	04/22/1999	5.00		1.2
GP-32	04/22/1999	7.00		8.7
GP-32	04/22/1999	9.00		2.6
GP-32	04/22/1999	11.00		1U
GP-33	04/22/1999	1.00		1U
GP-33	04/22/1999	3.00		1U
GP-33	04/22/1999	5.00		1U
GP-33	04/22/1999	7.00		1U
GP-33	04/22/1999	9.00		1U
GP-33	04/22/1999	10.50		1U
GP-35	04/22/1999	1.00		1U
GP-35	04/22/1999	3.00		1U
GP-36	04/22/1999	1.00		1U
GP-36	04/22/1999	3.00		1.5
GP-38	04/23/1999	1.00		1U
GP-38	04/23/1999	3.00		1U
GP-38	04/23/1999	5.00		2.5
GP-38	04/23/1999	7.00		6.3
GP-39	04/23/1999	1.00		1U
GP-39	04/23/1999	3.00		1U
GP-39	04/23/1999	5.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
GP-39	04/23/1999	7.00		2.6
GP-40	04/23/1999	1.00		1U
GP-40	04/23/1999	3.00		1U
GP-40	04/23/1999	5.00		1U
GP-40	04/23/1999	7.00		1U
GP-41	04/23/1999	1.00		1U
GP-41	04/23/1999	3.00		1U
GP-41	04/23/1999	5.00		1U
GP-41	04/23/1999	7.00		1U
GP-41	04/23/1999	9.00		1U
GP-41	04/23/1999	11.00		1U
GP-621	12/15/1999	0.50		1U
GP-621	12/15/1999	1.50		1U
GP-621	12/15/1999	2.50		1U
GP-621	12/15/1999	3.50		1U
GP-621	12/15/1999	4.50		1U
GP-621	12/15/1999	5.50		1U
GP-621	12/15/1999	6.50		1U
GP-621	12/15/1999	7.50		1U
GP-621	12/15/1999	8.50		1U
GP-621	12/15/1999	9.50		1U
GP-621	12/15/1999	10.50		1U
GP-621	12/15/1999	11.50		1U
MW-050	10/12/1999	1.00	MW50	1U
MW-050	10/12/1999	3.00		1U
MW-050	10/12/1999	5.00		1.4
MW-050	10/12/1999	9.00		1U
MW-050	10/12/1999	11.00		1U
MW-051	10/12/1999	1.00		1U
MW-051	10/12/1999	3.00		1U
MW-051	10/12/1999	5.00		1U
MW-051	10/12/1999	7.00		1.7
MW-051	10/12/1999	9.00		1U
MW-051	10/12/1999	11.00		1U
MW-052	10/12/1999	5.00		1U
MW-053	10/12/1999	1.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

Date: 05/03/2000

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
MW-053	10/12/1999	3.00		1U
MW-053	10/12/1999	5.00		1U
MW-053	10/12/1999	7.00		2.6
MW-053	10/12/1999	9.00		1U
MW-053	10/12/1999	11.00		1U
MWP-01	12/15/1999	1.00		4.3
MWP-01	12/15/1999	3.00		1U
MWP-01	12/15/1999	5.00		5.6
MWP-01	12/15/1999	7.00		2.9
MWP-01	12/15/1999	9.00		1U
MWP-01	12/15/1999	11.00		1.1
MWP-01	12/15/1999	13.00		1U
MWP-01	12/15/1999	15.00		1U
MWP-01	12/15/1999	20.00		1U
MWP-01	12/15/1999	25.00		1U
MWP-01	12/15/1999	30.00		1U
MWP-01	12/15/1999	35.00		1U
MWP-01	12/15/1999	40.00		1U
MWP-01	12/15/1999	45.00		1U
MWP-01	12/15/1999	50.00		1U
MWP-01	12/15/1999	55.00		1U
MWP-01	12/15/1999	65.00		1U
MWP-02	12/15/1999	1.00		2.8
MWP-02	12/15/1999	3.00		1.9
MWP-02	12/15/1999	5.00		[33.2]
MWP-02	12/15/1999	7.00		[10.6]
MWP-02	12/15/1999	9.00		1U
MWP-02	12/15/1999	11.00		1U
MWP-02	12/15/1999	13.00		1U
MWP-02	12/15/1999	15.00		1U
MWP-02	12/15/1999	20.00		1U
MWP-02	12/15/1999	25.00		1U
MWP-02	12/15/1999	30.00		1U
MWP-02	12/15/1999	35.00		1U
MWP-02	12/15/1999	40.00		1U
MWP-02	12/15/1999	45.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

English Station
Summary of Soil Analytical Data
PCB Remediation Area

Date: 05/03/2000

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.CriteriaCTDEP Jan. 1996				10
GB MobilityCriteriaCTDEP Jan. 1996				
MWP-02	12/15/1999	50.00		1U
MWP-02	12/15/1999	55.00		1U
MWP-02	12/15/1999	60.00		1U
MWP-02	12/15/1999	65.00		1U
MWP-02	12/15/1999	70.00		1U
MWP-03	12/15/1999	1.00		1U
MWP-03	12/15/1999	3.00		1U
MWP-03	12/15/1999	5.00		4.6
MWP-03	12/15/1999	7.00		[11.9]
MWP-03	12/15/1999	9.00		1U
MWP-03	12/15/1999	11.00		1U
MWP-03	12/15/1999	13.00		1U
MWP-03	12/15/1999	15.00		1U
MWP-03	12/15/1999	20.00		1U
MWP-03	12/15/1999	25.00		1U
MWP-03	12/15/1999	30.00		1U
MWP-03	12/15/1999	35.00		1U
MWP-03	12/15/1999	40.00		1U
MWP-03	12/15/1999	45.00		1U
MWP-03	12/15/1999	50.00		1U
MWP-03	12/15/1999	55.00		1U
MWP-03	12/15/1999	60.00		1U
MWP-03	12/15/1999	65.00		1U
MWP-03	12/15/1999	70.00		1U
MWP-04	12/15/1999	1.00		4.5
MWP-04	12/15/1999	3.00		1U
MWP-04	12/15/1999	5.00		4.5
MWP-04	12/15/1999	7.00		3.4
MWP-04	12/15/1999	9.00		1U
MWP-04	12/15/1999	11.00		1U
MWP-04	12/15/1999	13.00		1U
MWP-04	12/15/1999	15.00		1U
MWP-04	12/15/1999	20.00		1U
MWP-04	12/15/1999	25.00		1U
MWP-04	12/15/1999	30.00		1U
MWP-04	12/15/1999	35.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

[]=Greater than Action Level NA=Not analyzed

Date: 05/03/2000

English Station
Summary of Soil Analytical Data
PCB Remediation Area

PERIOD: From 12/12/1997 thru 12/15/1999 - Inclusive
SAMPLE TYPE: Soil

SITE	DATE	DEPTH	SAMPLE ID	PCB's (mg/kg)
Indust./Comm.Criteria	CTDEP Jan. 1996			10
GB MobilityCriteria	CTDEP Jan. 1996			
MWP-04	12/15/1999	40.00		1U
MWP-04	12/15/1999	45.00		1U
MWP-04	12/15/1999	50.00		1U
MWP-04	12/15/1999	55.00		1U
MWP-04	12/15/1999	60.00		1U
MWP-04	12/15/1999	65.00		1U
MWP-04	12/15/1999	70.00		1U

Only those parameters detected are shown.
RSR exceedences are bracketed.

NA=Not analyzed

Table 1
(page 1 of 3)
SITE-WIDE SOIL SAMPLE MASS ANALYSIS (TOTAL) ARSENIC CONCENTRATIONS

Site Area	Location	Sample ID	Sample Date	Sample Depth (ft)	Arsenic Conc. (mg/kg)	Arsenic Conc. SPLP (mg/L)
AOC-1	MW-003	ES-MW3 (15-17)	6/4/98	16	2.3	ND<0.05
AOC-1	TB-006	ES-TB6 (1-7)	6/4/98	4	6.1	ND<0.05
AOC-1	TB-007A	ES-TB7A (7-9)	6/4/98	8	2.8	ND<0.05
AOC-1	TB-217	TB-217 (0-2)	3/30/00	1	6.9	NT
AOC-1	TB-217	TB-217 (2-4)	3/30/00	3	7.9	NT
AOC-10	MW-12	ES-MW12 (2-4)	6/1/98	3	ND<1.0	ND<0.05
AOC-10	MW-13	ES-MW13 (13-15)	6/1/98	14	ND<1.0	ND<0.05
AOC-10	MW-14D	ES-MW14D (26-28)	6/11/98	27	10.5	ND<0.05
AOC-10	MW-14S	ES-MW14S (1-3)	6/1/98	2	6.7	ND<0.05
AOC-10/13	MW-20	ES-MW20 (11-13)	5/27/98	12	4.3	NT
AOC-10/13	TB-018A	ES-TB18A (16-18)	5/28/98	17	10.7	ND<0.05
AOC-12	MW-004D	ES-MW4D (36-40)	6/10/98	38	ND<1.0	ND<0.05
AOC-12	MW-004S	ES-MW4S (11-13)	5/27/98	12	39.4	ND<0.05
AOC-12	MW-005	ES-MW5 (2-4)	5/26/98	3	47.2	ND<0.05
AOC-12	MW-006	ES-MW6 (5-9)	6/9/98	7	68.6	0.06
AOC-12	MW-007	ES-MW7 (7-9)	6/4/98	8	14.7	ND<0.05
AOC-12	MW-009A	ES-MW9A (0-2)	5/26/98	1	18.3	ND<0.05
AOC-12	MW-010	ES-MW10 (9-11)	6/9/98	10	3.6	ND<0.05
AOC-12	MW-22	ES-MW22 (7-9)	6/9/98	8	23.0	ND<0.05 (1)
AOC-12	SED-01	ES-SED1 (1)	6/12/98	1	16.3	ND<0.05
AOC-12	TB-005	ES-TB5 (4-6)	6/4/98	5	4.9	ND<0.05
AOC-12	TB-009	ES-TB9 (3-7)	6/4/98	5	93.0	ND<0.05
AOC-12	TB-010	ES-TB010 (11-13)	6/4/98	12	13.8	ND<0.05
AOC-12	TB-104	ES-TB-104 (2-4)	6/30/98	3	10.1	NT
AOC-12	TB-104	TB-104 (4-6)	6/30/98	5	7.2	NT
AOC-12	TB-106	TB-106 (3-5)	6/30/98	4	3.3	NT
AOC-12	TB-107	TB-107 (2-4)	7/1/98	3	34.4	NT
AOC-12	TB-107	TB-107 (6-8)	7/1/98	7	11.8	NT
AOC-12	TB-230	TB-230 (2-4)	4/3/00	3	5.0	NT
AOC-12	TB-231	TB-231 (0-2)	4/3/00	1	11.5	NT
AOC-12	TB-232	TB-232 (2-4)	4/3/00	3	11.5	NT
AOC-12	TB-233	TB-233 (2-4)	4/3/00	3	32.3	NT
AOC-12	TB-234	TB-234 (0-2)	4/3/00	1	12.4	NT
AOC-12	TB-235	TB-235 (2-4)	4/3/00	3	22.8	NT
AOC-12	HA-03	HA-3 (0-2)	3/31/00	1	16.1	NT
AOC-12	TB-236	TB-236 (0-2)	4/3/00	1	3.6	NT
AOC-12	TB-237	TB-237 (0-2)	4/3/00	1	7.9	NT
AOC-12	TB-239	TB-239 (0-2)	4/3/00	1	4.3	NT
AOC-12	TB-240	TB-240 (2-4)	4/3/00	3	3.0	NT

Table 1
(page 2 of 3)
SITE-WIDE SOIL SAMPLE MASS ANALYSIS (TOTAL) ARSENIC CONCENTRATIONS

Site Area	Location	Sample ID	Sample Date	Sample Depth (ft)	Arsenic Conc. (mg/kg)	Arsenic Conc. SPLP (mg/L)
AOC-12	TB-241	TB-241 (1-3)	4/3/00	2	7.3	NT
AOC-12	TB-242	TB-242 (1-3)	4/3/00	2	5.5	NT
AOC-12/-3	TB-008A	ES-TB8A (1-3)	6/4/98	2	23.1	ND<0.05
AOC-12/-3	TB-008B	ES-TB8B (15-17)	6/4/98	16	6.6	ND<0.05
AOC-13	TB-200	TB-200 (0-2)	3/30/00	1	2.9	ND<0.05
AOC-13	TB-201	TB-201 (0-2)	3/30/00	1	1.9	ND<0.05
AOC-13	TB-202	TB-202 (2-4)	3/30/00	3	4.2	ND<0.05
AOC-13	TB-203	TB-203 (0-2)	3/30/00	1	3.7	ND<0.05
AOC-13	TB-204	TB-204 (2-4)	3/30/00	3	3.0	ND<0.05
AOC-13	TB-205	TB-205 (2-4)	3/30/00	3	6.1	ND<0.05
AOC-13	TB-206	TB-206 (2-4)	3/30/00	3	9.3	ND<0.05[1]
AOC-2	MW-001	ES-MW1 (5-7)	6/2/98	6	1.4	ND<0.05
AOC-2	MW-002	ES-MW2 (13-17)	6/2/98	15	1.5	ND<0.05
AOC-2	TB-001	ES-TB1 (7-8)	6/2/98	7.5	ND<1.0	ND<0.05
AOC-7	TB-207	TB-207 (0-2)	3/30/00	1	3.9	ND<0.05
AOC-7	TB-208	TB-208 (0-2)	3/30/00	1	2.8	ND<0.05
AOC-7	TB-209	TB-209 (2-4)	3/30/00	3	5.2	ND<0.05
AOC-7	TB-210	TB-210 (0-2)	3/30/00	1	2.2	ND<0.05
AOC-7/-13	AST-01	ES AST1 (2)	6/11/98	2	1.5	NT
AOC-7/-13	MW-018	ES-MW18 (14-16)	5/28/98	15	2.8	ND<0.05
AOC-7/-13	MW-021	ES-MW21 (7-9)	5/28/98	8	2.1	ND<0.05
AOC-7/-13	MW-021	ES-MW21 (11-13)	5/28/98	12	1.2	ND<0.05
AOC-7/-13	SED-02	ES-SED2 (0.5)	6/12/98	0.50	5.3	ND<0.05
AOC-7/-13	TB-18	ES-TB18 (12-14)	5/28/98	13	4.5 [2]	ND<0.05
AOC-8	MW-017D	ES-MW17D (26-28)	6/10/98	27	8.3	ND<0.05
AOC-8	MW-017S	ES-MW17 (4-6)	5/29/98	5	2.7	ND<0.05
AOC-8	MW-16	ES-MW16 (6-8)	5/29/98	7	4.6	ND<0.05
AOC-8	SS-001	ES-SS1D (0.5)	6/19/98	0.50	4.0	ND<0.05
AOC-8	SS-001	ES-SS1S (0)	6/19/98	0	ND<1.0	ND<0.05
AOC-8	TB-021	ES-TB21 (0-2)	5/29/98	1	2.4	ND<0.05
AOC-8	TB-024	ES-TB24 (6-8)	5/29/98	7	ND<1.0	ND<0.05
AOC-8	TB-025	ES-TB25 (2-4)	5/29/98	3	1.9	ND<0.05
AOC-8	TB-211	TB-211 (0-2)	3/30/00	1	3.0	ND<0.05
AOC-8	TB-212	TB-212 (2-4)	3/30/00	3	6.3	ND<0.05
AOC-9	HA-02	HA-02	3/30/00	0.95	230	ND<0.05
AOC-9	SS-101	SS-01	3/30/00	0.15	150	ND<0.05
AOC-9	SS-102	SS-02	3/30/00	0.15	5.4	ND<0.05

Table 1
(page 3 of 3)
SITE-WIDE SOIL SAMPLE MASS ANALYSIS (TOTAL) ARSENIC CONCENTRATIONS

Site Area	Location	Sample ID	Sample Date	Sample Depth (ft)	Arsenic Conc. (mg/kg)	Arsenic Conc. SPLP (mg/L)
AOC-9	SS-103	SS-03	3/30/00	0.15	116	ND<0.05
SW of Plant	TB-213	TB-213 (2-4)	3/30/00	3	2.9	ND<0.05
SW of Plant	TB-216	TB-216 (0-2)	3/30/00	1	4.4	ND<0.05

Notes:

mg/kg = Milligrams per kilogram.
NT = Not tested.
ND = Not detected.
< = Less than minimum detection limit of the analytical method used.
AOC = Area of Concern.
SPLP = Synthetic Precipitation Leaching Procedure.
(1) = SPLP cadmium was detected at a concentration of 0.052 milligrams per liter (mg/L), which exceeds the GBPMC for cadmium of 0.05 mg/L. However, the GBPMC do not apply to this sample because it was collected from below the water table.
(2) = Mass analysis (total) lead was detected at a concentration of 2,160 mg/kg, which exceeds the IDEC for lead of 1,000 mg/kg.

Table 2
(page 1 of 2)
SOIL SAMPLE MASS ANALYSIS (TOTAL) ARSENIC CONCENTRATIONS IN/AROUND FORMER COAL STORAGE AREA

Site Area	Location	Sample ID	Sample Date	Sample Depth (ft)	Arsenic Conc. (mg/kg)	Arsenic Conc. SPLP (mg/L)
AOC-1	MW-003	ES-MW3 (15-17)	6/4/98	16	2.3	ND<0.05
AOC-1	TB-006	ES-TB6 (1-7)	6/4/98	4	6.1	ND<0.05
AOC-1	TB-007A	ES-TB7A (7-9)	6/4/98	8	2.8	ND<0.05
AOC-1	TB-217	TB-217 (0-2)	3/30/00	1	6.9	NT
AOC-1	TB-217	TB-217 (2-4)	3/30/00	3	7.9	NT
AOC-12	MW-004D	ES-MW4D (36-40)	6/10/98	38	ND<1.0	ND<0.05
AOC-12	MW-004S	ES-MW4S (11-13)	5/27/98	12	39.4	ND<0.05
AOC-12	MW-005	ES-MW5 (2-4)	5/26/98	3	47.2	ND<0.05
AOC-12	MW-006	ES-MW6 (5-9)	6/9/98	7	68.6	0.06
AOC-12	MW-007	ES-MW7 (7-9)	6/4/98	8	14.7	ND<0.05
AOC-12	MW-009A	ES-MW9A (0-2)	5/26/98	1	18.3	ND<0.05
AOC-12	MW-010	ES-MW10 (9-11)	6/9/98	10	3.6	ND<0.05
AOC-12	MW-22	ES-MW22 (7-9)	6/9/98	8	23.0	ND<0.05 (1)
AOC-12	SED-01	ES-SED1 (1)	6/12/98	10	16.3	ND<0.05
AOC-12	TB-005	ES-TB5 (4-6)	6/4/98	5	4.9	ND<0.05
AOC-12	TB-009	ES-TB9 (3-7)	6/4/98	5	93.0	ND<0.05
AOC-12	TB-010	ES-TB010 (11-13)	6/4/98	12	13.8	ND<0.05
AOC-12	TB-104	ES-TB-104 (2-4)	6/30/98	3	10.1	NT
AOC-12	TB-104	TB-104 (4-6)	6/30/98	5	7.2	NT
AOC-12	TB-106	TB-106 (3-5)	6/30/98	4	3.3	NT
AOC-12	TB-107	TB-107 (2-4)	7/1/98	3	34.4	NT
AOC-12	TB-107	TB-107 (6-8)	7/1/98	7	11.8	NT
AOC-12	TB-230	TB-230 (2-4)	4/3/00	3	5.0	NT
AOC-12	TB-231	TB-231 (0-2)	4/3/00	1	11.5	NT
AOC-12	TB-232	TB-232 (2-4)	4/3/00	3	11.5	NT
AOC-12	TB-233	TB-233 (2-4)	4/3/00	3	32.3	NT
AOC-12	TB-234	TB-234 (0-2)	4/3/00	1	12.4	NT
AOC-12	TB-235	TB-235 (2-4)	4/3/00	3	22.8	NT
AOC-12	HA-03	HA-3 (0-2)	3/31/00	1	16.1	NT
AOC-12	TB-236	TB-236 (0-2)	4/3/00	1	3.6	NT
AOC-12	TB-237	TB-237 (0-2)	4/3/00	1	7.9	NT
AOC-12	TB-239	TB-239 (0-2)	4/3/00	1	4.3	NT
AOC-12	TB-240	TB-240 (2-4)	4/3/00	3	3.0	NT
AOC-12	TB-241	TB-241 (1-3)	4/3/00	2	7.3	NT
AOC-12	TB-242	TB-242 (1-3)	4/3/00	2	5.5	NT
AOC-12/-3	TB-008A	ES-TB8A (1-3)	6/4/98	2	23.1	ND<0.05
AOC-12/-3	TB-008B	ES-TB8B (15-17)	6/4/98	16	6.6	ND<0.05

Table 2
(page 2 of 2)
SOIL SAMPLE MASS ANALYSIS (TOTAL) ARSENIC CONCENTRATIONS IN/AROUND FORMER COAL STORAGE AREA

Site Area	Location	Sample ID	Sample Date	Sample Depth (ft)	Arsenic Conc. (mg/kg)	Arsenic Conc. SPLP (mg/L)
AOC-9	HA-02	HA-02	3/30/00	0.95	230	ND<0.05
AOC-9	SS-101	SS-01	3/30/98	0.15	150	ND<0.05
AOC-9	SS-102	SS-02	3/30/98	0.15	5.4	ND<0.05
AOC-9	SS-103	SS-03	3/30/98	0.15	116	ND<0.05

Notes:

mg/kg = Milligrams per kilogram.
NT = Not tested.
ND = Not detected.
< = Less than minimum detection limit of the analytical method used.
AOC = Area of Concern.
SPLP = Synthetic Precipitation Leaching Procedure.
(1) = SPLP cadmium was detected at a concentration of 0.052 milligrams per liter (mg/L), which exceeds the GBPMC for cadmium of 0.05 mg/L. However, the GBPMC do not apply to this sample because it was collected from below the water table.

Table 1

SUMMARY OF SITE CHARACTERIZATION RESULTS FOR PCB AREA 1: STATION B

Table 1.1 (page 1 of 2)

Overhead Crane (page 1 of 2)

AOC #:	1
Cleanup Area Description:	Overhead crane: motor and non-porous steel surface
Location Reference:	Figure 4.1
Sample Matrix:	Motor oil / hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix C

Characterization Samples			Verification Samples			Cleanup Criterion
Sample ID	Sampling Date (Analysis Date)	Sample Result	Sample ID	Sampling Date (Analysis Date)	Sample Result	
MOTOR OIL			MOTOR OIL			MOTOR OIL
NEM [1]	7/18/01 (7/25/01)	6.6 [1]	RS-CS 1 [1]	3/21/02 (3/28/02)	ND<2.0 [1]	2.0
SEM [1]	7/18/01 (7/25/01)	6.6 [1]				2.0
11-16-MISC-113 [1,2]	11/18/99 (11/29/99)	4.0 [1]				2.0
HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE
CR-CS 1	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 2	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 3	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 4	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 5	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 6	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 7	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 8	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 9	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 10	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 11	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 12	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 13	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 14	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 15	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 16	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 17	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 18	3/21/02 (4/4/02)	ND<5.0	CR-CS 18B	4/19/02 (4/23/02)	ND<5.0	10.0
CR-CS 19	3/21/02 (3/26/02)	***25***	CR-CS 19B	4/19/02 (4/23/02)	ND<5.0	10.0
CR-CS 20	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 21	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 22	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 23	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 24	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 25	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 26	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 27	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 28	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 29	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 30	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 31	3/21/02 (3/26/02)	ND<5.0				10.0

Overhead Crane (page 2 of 2)

AOC #:	1
Cleanup Area Description:	Overhead crane: motor and non-porous steel surface
Location Reference:	Figure 4.1
Sample Matrix:	Motor oil / hexane wipe of steel surface
Analysis:	US EPA Method 8082
Units:	Micrograms per 100 square centimeters (µg/100 sq. cm)
Laboratory Results in:	Appendix C

Characterization Samples			Verification Samples			Cleanup Criterion
Sample ID	Sampling Date (Analysis Date)	Sample Result	Sample ID	Sampling Date (Analysis Date)	Sample Result	
HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE OF STEEL SURFACE			HEXANE WIPE
CR-CS 32	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 33	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 34	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 35	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 36	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 37	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 38	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 39	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 40	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 41	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 42	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 43	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 44	3/21/02 (3/26/02)	ND<5.0				10.0
CR-CS 45	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 46	3/21/02 (4/4/02)	ND<5.0				10.0
CR-CS 47	3/21/02 (3/26/02)	ND<5.0				10.0
Field Blank 1	3/21/02 (3/26/02)	ND<5.0				NA
Field Blank 2	3/21/02 (4/12/02)	ND<5.0				NA
Field Blank 3	3/21/02 (4/12/02)	ND<5.0				NA

Notes for Table 1.1:
(1) = Sample of oil from a motor on the crane. Result reported as milligrams per kilogram (mg/kg), wet weight.
(2) = Result reported by GEI Consultants, Inc., who did not indicate that the result is reported as wet weight.
NA = Not applicable.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Interior Areas—porous surfaces (page 1 of 2)

AOC #:	1
Cleanup Area Description:	Interior areas: porous concrete and wood
Location Reference:	Figure 4.1 (Not all GEI sample locations are shown.)
Sample Matrix:	Concrete / wood
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix C

Characterization Samples			Verification Samples [1]			
Sample ID	**Sampling Date (Analysis Date)**	**Sample Result**	**Sample ID**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
ANNEX III CONCRETE FLOOR			ANNEX III CONCRETE FLOOR			CONCRETE
A-1	7/18/01 (7/20/01)	ND<0.50				1.0
A-2	7/18/01 (7/20/01)	ND<0.50				1.0
A-3	7/18/01 (7/20/01)	ND<0.50				1.0
A-4	7/18/01 (7/20/01)	ND<0.50				1.0
B-1	7/18/01 (7/20/01)	***17.4***	J-1	5/9/02 (5/13/02)	ND<0.50	1.0
B-2	7/18/01 (7/20/01)	***45***	J-2	5/9/02 (5/13/02)	ND<0.50	1.0
B-3	7/18/01 (7/20/01)	***2.4***	J-3	5/9/02 (5/13/02)	ND<0.50	1.0
B-4	7/18/01 (7/20/01)	ND<0.50	J-4	5/9/02 (5/13/02)	ND<0.50	1.0
C-1	7/18/01 (7/20/01)	***1.3***	I-1	5/9/02 (5/13/02)	0.50	1.0
C-2	7/18/01 (7/20/01)	***1.5***	I-2	5/9/02 (5/13/02)	***1.6***	1.0
C-3	7/18/01 (7/20/01)	0.98	I-3	5/9/02 (5/13/02)	***1.1***	1.0
			I-3a [2]	5/9/02 (5/13/02)	0.65	1.0
C-4	7/18/01 (7/20/01)	ND<0.50	I-4	5/9/02 (5/13/02)	ND<0.50	1.0
D-1	7/18/01 (7/20/01)	0.94	H-1	5/9/02 (5/13/02)	ND<0.50	1.0
D-2	7/18/01 (7/20/01)	0.77	H-2	5/9/02 (5/13/02)	ND<0.50	1.0
D-3	7/18/01 (7/20/01)	ND<0.50	H-3	5/9/02 (5/13/02)	ND<0.50	1.0
D-4	7/18/01 (7/20/01)	ND<0.50				1.0
E-1	7/18/01 (7/20/01)	0.69				1.0
E-2	7/18/01 (7/20/01)	0.98				1.0
E-3	7/18/01 (7/20/01)	0.51				1.0
E-4	7/18/01 (7/20/01)	ND<1.0				1.0
SE-1	7/18/01 (7/20/01)	0.80				1.0
F-2	7/18/01 (7/20/01)	ND<0.50				1.0
F-3	7/18/01 (7/20/01)	ND<1.0 [3]				1.0
F-4	7/18/01 (7/20/01)	ND<1.0 [3]				1.0
SF-1	7/18/01 (7/20/01)	ND<1.0 [3]				1.0
SF-3	7/18/01 (7/20/01)	ND<1.0 [3]				1.0
G-2	7/18/01 (7/20/01)	ND<1.0 [3]				1.0
G-3	7/18/01 (7/20/01)	ND<1.0 [3]				1.0
			Field blank	5/9/02 (5/13/02)	ND<0.50 [4]	NA
CS-5 [5]	6/11/98 (6/23/98)	***15***				1.0
11-16-MISC-114 [5]	11/18/99 (11/29/99)	ND<1.0				1.0
11-16-MISC-115 [5]	11/18/99 (11/29/99)	ND<1.0				1.0
11-16-MISC-116 [5]	11/18/99 (11/29/99)	ND<1.0				1.0

Table 1.2 (page 2 of 2)

Interior Areas—porous surfaces (page 2 of 2)

AOC #:	1
Cleanup Area Description:	Interior areas: porous concrete and wood
Location Reference:	Figure 4.1 (Not all GEI sample locations are shown.)
Sample Matrix:	Concrete core / wood chips
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix C

Characterization Samples			Verification Samples			Cleanup Criterion
Sample ID	Sampling Date (Analysis Date)	Sample Result	Sample ID	Sampling Date (Analysis Date)	Sample Result	
FIRST FLOOR OIL-STAINED CONCRETE FLOOR			FIRST FLOOR OIL-STAINED CONCRETE FLOOR			CONCRETE
11-16-MISC-121 (5)	11/19/99 (12/1/99)	ND<1.0				1.0
FIRST FLOOR OIL-STAINED WOOD CHIPS			FIRST FLOOR OIL-STAINED WOOD CHIPS			WOOD
11-16-MISC-123 (5)	11/19/99 (12/1/99)	ND<1.0				1.0
BASEMENT FLOOR CONCRETE PADS			BASEMENT FLOOR CONCRETE PADS			CONCRETE
11-16-MISC-117 (5)	11/18/99 (11/29/99)	ND<1.0				1.0
11-16-MISC-118 (5)	11/18/99 (11/29/99)	ND<1.0				1.0
11-16-MISC-119 (5)	11/18/99 (11/29/99)	ND<1.0				1.0
11-16-MISC-120 (5)	11/18/99 (11/29/99)	1.0				1.0
11-16-MISC-122 (5)	11/19/99 (12/1/99)	ND<1.0				1.0
SECOND FLOOR WOOD CHIPS			SECOND FLOOR WOOD CHIPS			WOOD
11-16-MISC-124 (5)	11/19/99 (12/1/99)	ND<1.0				1.0
11-16-MISC-125 (5)	11/19/99 (12/1/99)	ND<1.0				1.0

Notes for Table 1.2:
(1) = Sample locations selected using a 1.5-meter grid.
(2) = Duplicate sample.
(3) = Minimum detection limit (MDL) affected by matrix interference.
(4) = Units are micrograms per liter (µg/L).
(5) = Result reported by GEI Consultants, Inc., who did not indicate that the results are reported as dry weight.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Former Earthen Floor in Basement (page 1 of 1)

AOC #:	1
Cleanup Area Description:	Former earthen floor in basement: surface soil
Location Reference:	Figure 4.2
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix C

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	SOIL
SURFACE SOIL				
SS-N	0.0–1.0	5/2/01 (5/18/01)	ND<0.50	1.0
SS-O	0.0–0.5	5/2/01 (5/4/01)	ND<0.50	1.0
SS-P	0.0–0.5	5/2/01 (5/4/01)	ND<0.50	1.0
SS-Q	0.0–0.5	5/2/01 (5/4/01)	ND<0.50	1.0
SS-R	0.0–0.5	5/2/01 (5/18/01)	ND<0.50	1.0
SS-S	0.0–0.5	5/2/01 (5/4/01)	ND<0.50	1.0
SS-T	0.0–0.5	5/2/01 (5/18/01)	ND<0.50	1.0

Table 2

SUMMARY OF SITE CHARACTERIZATION RESULTS FOR PCB AREA 2: FORMER COAL YARD AREA

Table 2.1 (page 1 of 1)

Former Coal Yard—hand auger (page 1 of 1)

AOC #:	12
Cleanup Area Description:	Former coal yard: surface soil and catch basin sediment
Location Reference:	Figure 5
Sample Matrix:	Soil / catch basin sediment
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix D (also Appendices E and H)

Characterization Samples				Cleanup Criterion
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	
SURFACE SOIL				**SOIL**
SS-D1	0.0–1.0	5/2/01 (5/4/01)	ND<0.50	10.0
SS-D2	0.0–0.5	5/2/01 (5/4/01)	ND<0.50	10.0
SS-X	0.0–0.6	5/14/01 (5/22/01)	ND<0.50	10.0
SS-Y	0.0–0.6	5/14/01 (5/22/01)	ND<0.50	10.0
SS-Z	0.0–0.6	5/14/01 (5/22/01)	ND<0.50	10.0
SS-CC	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-CC	0.3–1.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-DD	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-DD	0.3–1.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-EE	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-EE	0.3–1.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-FF (1)	0.0–0.3	4/3/02 (4/6/02)	0.80	10.0
SS-GG	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-GG	1.0–1.5	4/3/02 (4/6/02)	ND<0.50	10.0
SS-HH	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-II	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-JJ	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-KK (1)	0.0–0.3	4/3/02 (4/6/02)	0.83	10.0
SS-LL	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-MM	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-NN	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
SS-OO	0.0–0.3	4/3/02 (4/11/02)	ND<0.50	10.0
CATCH BASIN SEDIMENT				**SEDIMENT**
CB-1	NA	5/10/01 (5/15/01)	ND<0.50	10.0
CB-2	NA	5/10/01 (5/15/01)	3.8	10.0
CB-3	NA	5/10/01 (5/15/01)	ND<0.50	10.0

Notes for Table 2.1:
(1) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were not detected.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Former Coal Yard—test boring (page 1 of 3)

AOC #:	12
Cleanup Area Description:	Former coal yard: test boring asphalt and soil
Location Reference:	Figure 5
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix D (also Appendices E and H)

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
ASPHALT [1]				ASPHALT
TB-CCCC	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-DDDD	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-EEEE	0.0–0.3	4/4/02 (4/8/02)	ND<0.50	10.0
TB-JJJJ	0.0–0.3	4/4/02 (4/8/02)	ND<0.50	10.0
TB-KKKK	0.0–0.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-MMMM	0.0–0.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-NNNN	0.0–0.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-OOOO	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-PPPP	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-RRRR	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-SSSS	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-UUUU	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-WWWW	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-YYYY	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-DDDDD	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	10.0
SOIL				SOIL
TB-D/MW-C	2–4	5/11/01 (5/18/01)	ND<0.50	10.0
TB-F	0–2	5/11/01 (5/18/01)	ND<0.50	10.0
TB-R/MW-F	5–7	5/15/01 (5/18/01)	ND<0.50	10.0
TB-I	2–4	5/14/01 (5/18/01)	ND<0.50	10.0
TB-C/MW-BS	2–4	5/10/01 (5/15/01)	ND<0.50	10.0
TB-ZZZ	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-ZZZ	0.3–1.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-ZZZ	2.3–4.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-ZZZ	4.3–6.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-ZZZ	10–12	4/3/02 (4/8/02)	ND<0.50	10.0
TB-ZZZ	15–16	4/3/02 (4/6/02)	ND<0.50	10.0
TB-CCCC	2.5–2.8	4/3/02 (4/6/02)	ND<0.50	10.0
TB-CCCC	2.8–3.8	4/3/02 (4/6/02)	ND<0.50	10.0
TB-CCCC	4.5–6.0	4/3/02 (4/6/02)	ND<0.50	10.0
TB-CCCC	10–12	4/3/02 (4/6/02)	ND<0.50	10.0
TB-DDDD	1.3–1.6	4/3/02 (4/6/02)	ND<0.50	10.0
TB-DDDD	1.6–2.6	4/3/02 (4/6/02)	ND<0.50	10.0
TB-DDDD	3.3–4.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-DDDD	15–17	4/3/02 (4/6/02)	ND<0.50	10.0
TB-EEEE	1.5–1.8	4/4/02 (4/8/02)	ND<0.50	10.0
TB-EEEE	1.8–2.8	4/4/02 (4/8/02)	ND<0.50	10.0
TB-EEEE	3.8–5.8	4/4/02 (4/8/02)	ND<0.50	10.0
TB-EEEE	10–12	4/4/02 (4/8/02)	ND<0.50	10.0
TB-GGGG	0.0–0.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-GGGG	1–2	4/4/02 (4/9/02)	ND<0.50	10.0
TB-GGGG	2.3–4.3	4/4/02 (4/9/02)	ND<0.50	10.0

Former Coal Yard—test boring (page 2 of 3)

AOC #:	12
Cleanup Area Description:	Former coal yard: test boring asphalt and soil
Location Reference:	Figure 5
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix D (also Appendices E and H)

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
SOIL				SOIL
TB-HHHH	0.0–0.3	4/4/02 (4/8/02)	ND<0.50	10.0
TB-HHHH	1.3–2.3	4/4/02 (4/8/02)	ND<0.50	10.0
TB-HHHH	2.3–4.3	4/4/02 (4/8/02)	ND<0.50	10.0
TB-HHHH	5–6	4/4/02 (4/8/02)	ND<0.50	10.0
TB-JJJJ	1.5–1.8	4/4/02 (4/8/02)	ND<0.50	10.0
TB-JJJJ	1.8–2.8	4/4/02 (4/8/02)	ND<0.50	10.0
TB-JJJJ	3.5–5.0	4/4/02 (4/8/02)	ND<0.50	10.0
TB-JJJJ	5.0–5.5	4/4/02 (4/8/02)	ND<0.50	10.0
TB-KKKK	1.0–1.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-KKKK	1.3–2.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-KKKK	5–6	4/4/02 (4/9/02)	ND<0.50	10.0
TB-KKKK (2)	5–6	4/4/02 (4/9/02)	ND<0.50	10.0
TB-LLLL	0.0–0.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-LLLL	0.3–0.6	4/4/02 (4/9/02)	ND<0.50	10.0
TB-LLLL	0.6–1.6	4/4/02 (4/9/02)	ND<0.50	10.0
TB-LLLL	3.3–4.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-LLLL	4.3–6.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-MMMM	0.5–0.8	4/4/02 (4/9/02)	ND<0.50	10.0
TB-MMMM	0.8–1.8	4/4/02 (4/9/02)	ND<0.50	10.0
TB-MMMM	4.5–6.5	4/4/02 (4/9/02)	ND<0.50	10.0
TB-NNNN	1.0–1.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-NNNN	1.3–2.3	4/4/02 (4/9/02)	ND<0.50	10.0
TB-NNNN	4–5	4/4/02 (4/9/02)	ND<0.50	10.0
TB-OOOO	2.0–2.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-OOOO	4–5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-PPPP	0.3–0.6	4/5/02 (4/11/02)	ND<0.50	10.0
TB-PPPP	0.9–1.0	4/5/02 (4/11/02)	ND<0.50	10.0
TB-PPPP	2.3–4.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-QQQQ	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-QQQQ	0.3–2.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-QQQQ	2.3–4.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-RRRR	1.0–1.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-RRRR	3.3–3.9	4/5/02 (4/11/02)	ND<0.50	10.0
TB-RRRR	3.9–4.0	4/5/02 (4/11/02)	ND<0.50	10.0
TB-SSSS	2.2–2.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-SSSS	2.5–4.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-TTTT	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-TTTT	1.0–1.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-TTTT	2.3–4.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-UUUU	1.2–1.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-UUUU	5–7	4/5/02 (4/11/02)	ND<0.50	10.0

Former Coal Yard—test boring (page 3 of 3)

AOC #:	12
Cleanup Area Description:	Former coal yard: test boring asphalt and soil
Location Reference:	Figure 5
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix D (also Appendices E and H)

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
SOIL				SOIL
TB-VVVV	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-VVVV	0.5–2.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-VVVV	2.5–4.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-WWWW	2.2–2.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-WWWW	2.5–4.5	4/5/02 (4/11/02)	ND<0.50	10.0
TB-XXXX	0.0–0.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-XXXX	2.3–4.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-XXXX	4.3–6.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-YYYY	2.0–2.3	4/5/02 (4/11/02)	ND<0.50	10.0
TB-YYYY	2.5–3.0	4/5/02 (4/11/02)	ND<0.50	10.0
TB-YYYY	3–5	4/5/02 (4/10/02)	ND<0.50	10.0
TB-YYYY	5–7	4/5/02 (4/10/02)	ND<0.50	10.0
TB-ZZZZ	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	10.0
TB-ZZZZ	0.3–2.3	4/5/02 (4/10/02)	ND<0.50	10.0
TB-ZZZZ	2.3–4.3	4/5/02 (4/10/02)	ND<0.50	10.0
TB-DDDDD	0.5–0.8	4/5/02 (4/10/02)	ND<0.50	10.0
TB-EEEEE	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	10.0
TB-EEEEE	0.3–2.3	4/5/02 (4/10/02)	ND<0.50	10.0
TB-EEEEE	2.3–4.3	4/5/02 (4/10/02)	ND<0.50	10.0
TB-5 (3)	4–6	6/4/98 (6/12/98)	ND<1.0	10.0
TB-8A (3)	1–3	6/4/98 (6/12/98)	ND<1.0	10.0
TB-8B (3)	15–17	6/4/98 (6/12/98)	ND<1.0	10.0
TB-8B (3)	9–11	6/4/98 (6/12/98)	ND<1.0	10.0
TB-9 (3)	3–7	6/4/98 (6/12/98)	ND<1.0	10.0
TB-10 (3)	11–13	6/4/98 (6/12/98)	ND<1.0	10.0
MW-7 (3)	7–9	6/4/98 (6/12/98)	ND<1.0	10.0
MW-22 (3)	7–9	6/9/98 (6/19/98)	ND<1.0	10.0
MW-6 (3)	5–9	6/9/98 (6/19/98)	ND<1.0	10.0

Notes for Table 2.2:
(1) = Sample may include some base material (e.g., cobbles or gravel).
(2) = Duplicate sample.
(3) = Result reported by GEI Consultants, Inc.

Table 3

SUMMARY OF SITE CHARACTERIZATION RESULTS FOR PCB AREA 3: ELECTRICAL INFRASTRUCTURE AND EXCAVATION AREA

Table 3.1 (page 1 of 1)

Former Transformer Area (page 1 of 1)

AOC #:	9
Cleanup Area Description:	Former transformer area: non-porous steel grate, porous concrete pad, and sump
Location Reference:	Figures 6.1 and 6.5
Sample Matrix:	Hexane wipe of steel surface / concrete / sediment
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix E (also Appendices D, F, and H)

Characterization Samples			Cleanup Criterion
Sample ID	**Sampling Date (Analysis Date)**	**Sample Result**	
HEXANE WIPE OF STEEL SURFACE			**HEXANE WIPE**
TXFP-1 1	02/05/02 (2/11/02)	ND<5.0 (1)	10.0
TXFP-1 2	02/05/02 (2/11/02)	ND<5.0 (1)	10.0
TXFP-1 3	02/05/02 (2/11/02)	ND<5.0 (1)	10.0
TXFP-1 4	02/05/02 (2/11/02)	ND<5.0 (1)	10.0
CONCRETE PAD			**CONCRETE**
TXFP-1 A-1	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 A-2	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 A-3	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 A-4	02/05/02 (2/7/02)	***1.5***	1.0
TXFP-1 A-5	02/05/02 (2/7/02)	***1.2***	1.0
TXFP-1 B-1	02/05/02 (2/7/02)	0.83	1.0
TXFP-1 B-2	02/05/02 (2/7/02)	0.69	1.0
TXFP-1 B-3	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 B-4	02/05/02 (2/7/02)	0.61	1.0
TXFP-1 B-5	02/05/02 (2/7/02)	0.58	1.0
TXFP-1 C-1	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 C-2	02/05/02 (2/7/02)	0.85	1.0
TXFP-1 C-3	02/05/02 (2/7/02)	***1.4***	1.0
TXFP-1 C-4	02/05/02 (2/7/02)	***2.2***	1.0
TXFP-1 C-5	02/05/02 (2/7/02)	***1.1***	1.0
TXFP-1 D-1	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 D-2	02/05/02 (2/7/02)	***4.0***	1.0
TXFP-1 D-3	02/05/02 (2/7/02)	***2.2***	1.0
TXFP-1 D-4	02/05/02 (2/7/02)	***2.1***	1.0
TXFP-1 E-1	02/05/02 (2/7/02)	***1.1***	1.0
TXFP-1 E-2	02/05/02 (2/7/02)	***1.1***	1.0
TXFP-1 E-3	02/05/02 (2/7/02)	***1.9***	1.0
TXFP-1 E-4	02/05/02 (2/7/02)	***1.8***	1.0
TXFP-1 E-5	02/05/02 (2/7/02)	0.92	1.0
TXFP-1 F-1	02/05/02 (2/7/02)	***1.1***	1.0
TXFP-1 F-2	02/05/02 (2/7/02)	0.71	1.0
TXFP-1 F-3	02/05/02 (2/7/02)	0.69	1.0
TXFP-1 F-4	02/05/02 (2/7/02)	ND<0.50	1.0
TXFP-1 F-5	02/05/02 (2/7/02)	ND<0.50	1.0
SEDIMENT SUMP			**SEDIMENT**
PCB-6(2)	6/11/98 (6/23/98)	4	10.0

Notes for Table 3.1:

(1) = Result reported as micrograms per 100 square centimeters (µg/100 sq. cm), dry weight.

(2) = Result reported by GEI Consultants, Inc.

Bold indicates that detected concentration exceeds associated cleanup criterion.

Capacitor Release Area—porous surfaces (page 1 of 2)

AOC #:	6
Cleanup Area Description:	Capacitor release area: porous asphalt berm and concrete pads
Location Reference:	Figures 6.1, 6.2 and 6.3
Sample Matrix:	Asphalt / concrete
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix E (also Appendices D, F, and H)

Characterization Samples			Cleanup Criterion
Sample ID	**Sampling Date (Analysis Date)**	**Sample Result**	
Capacitor Bank No. 1:			**Bank 1:**
ASPHALT BERM			**ASPHALT**
A-1 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
A-2 Cap 1	1/30/02 (2/4/02)	0.73	1.0
A-3 Cap 1	1/30/02 (2/4/02)	0.54	1.0
A-4 Cap 1	1/30/02 (2/4/02)	***1.7***	1.0
A-5 Cap 1	1/30/02 (2/4/02)	***17***	1.0
A-6 Cap 1	1/30/02 (2/4/02)	***55***	1.0
A-7 Cap 1	1/30/02 (2/4/02)	***4.1***	1.0
D-1 Cap 1	1/30/02 (2/4/02)	***1.8***	1.0
D-2 Cap 1	1/30/02 (2/4/02)	0.52	1.0
D-3 Cap 1	1/30/02 (2/4/02)	***4.3***	1.0
D-4 Cap 1	1/30/02 (2/4/02)	***4.9***	1.0
D-5 Cap 1	1/30/02 (2/4/02)	***8.2***	1.0
D-6 Cap 1	1/30/02 (2/4/02)	***7.7***	1.0
D-7 Cap 1	1/30/02 (2/4/02)	***10***	1.0
D-8 Cap 1	1/30/02 (2/4/02)	***4.1***	1.0
CONCRETE PAD			**CONCRETE**
B-1 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
B-2 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
B-3 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
B-4 Cap 1	1/30/02 (2/4/02)	***1.2***	1.0
B-5 Cap 1	1/30/02 (2/4/02)	0.92	1.0
B-6 Cap 1	1/30/02 (2/4/02)	***240***	1.0
B-7 Cap 1	1/30/02 (2/4/02)	***40***	1.0
B-8 Cap 1	1/30/02 (2/4/02)	***3.5***	1.0
C-1 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
C-2 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
C-3 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
C-4 Cap 1	1/30/02 (2/4/02)	ND<0.50	1.0
C-5 Cap 1	1/30/02 (2/4/02)	***12.2***	1.0
C-6 Cap 1	1/30/02 (2/4/02)	***94***	1.0
C-7 Cap 1	1/30/02 (2/4/02)	***25***	1.0
C-8 Cap 1	1/30/02 (2/4/02)	***1.8***	1.0
CS-1 (1)	6/11/98 (6/23/98)	***3***	1.0
CS-2 (1)	6/11/98 (6/23/98)	***10***	1.0

Capacitor Release Area—porous surfaces (page 2 of 2)

AOC #:	6
Cleanup Area Description:	Capacitor release area: porous asphalt berm and concrete pads
Location Reference:	Figures 6.1, 6.2 and 6.3
Sample Matrix:	Asphalt / concrete
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix E (also Appendices D, F, and H)

Characterization Samples			Cleanup Criterion
Sample ID	**Sampling Date (Analysis Date)**	**Sample Result**	
Capacitor Bank No. 2:			**Bank 2:**
CONCRETE PAD			**CONCRETE**
Cap 2-A	1/30/02 (2/4/02)	ND<0.50	1.0
Cap 2-B	1/30/02 (2/4/02)	ND<0.50	1.0
Cap 2-C	1/30/02 (2/4/02)	ND<0.50	1.0
Cap 2-D	1/30/02 (2/4/02)	ND<0.50	1.0
CS-3 (1)	6/11/98 (6/23/98)	ND<0.50	1.0
Capacitor Bank No. 3:			**Bank 3:**
CONCRETE PAD			**CONCRETE**
Cap 3-A	1/30/02 (2/4/02)	ND<0.50	1.0
Cap 3-B	1/30/02 (2/4/02)	ND<0.50	1.0
Cap 3-C	1/30/02 (2/4/02)	ND<0.50	1.0
Cap 3-D	1/30/02 (2/4/02)	ND<0.50	1.0
CS-4 (1)	6/11/98 (6/23/98)	ND<0.50	1.0

Notes for Table 3.2:
(1) = Result reported by GEI Consultants, Inc.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Table 3.3 (page 1 of 1)

Capacitor Release Area—Capacitor Bank No.1 (page 1 of 1)

AOC #:	5
Cleanup Area Description:	Capacitor release area, Capacitor Bank No. 1: surface soil
Location Reference:	Figures 6.1, 6.4a and 6.4b
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix E (also Appendices D, F, and H)

Pre- and Post-Excavation Characterization Samples				Verification Samples [1]				
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Sample ID**	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
AOC-6 CS1	0.3–0.6	1/30/02 (2/4/02)	10	AOC-6 CS14	1.3–1.6	5/8/02 (5/10/02)	4.4	10.0
SS-E	0.5–1.0	5/2/01 (5/4/01)	ND<0.50					10.0
SS-02 [2]	0.0–0.3	3/30/00 (4/4/00)	***23***					10.0
AOC-6 CS2	2.0–2.5	1/30/02 (2/4/02)	1.3	AOC-6 CS13a	1.3–1.6	5/8/02 (5/10/02)	ND<0.50	10.0
AOC-6 CS3	0.3–0.6	1/30/02 (2/4/02)	5.5	AOC-6 CS13	1.3–1.6	5/8/02 (5/10/02)	4.8	10.0
HA-2 [2]	0.7–1.0	3/30/00 (4/4/00)	ND<1.0					10.0
PCB-17 [2]	0.5	6/11/98 (6/23/98)	2					10.0
AOC-6 CS4	0.0–0.3	1/30/02 (2/4/02)	ND<0.50	AOC-6 CS8	0.0–0.3	5/8/02 (5/10/02)	2.0	10.0
SS-G	0.5–1.0	5/2/01 (5/4/01)	ND<0.50					10.0
SS-03 [2]	0.0–0.3	3/30/00 (4/4/00)	ND<1.0					10.0
SS-F	0.3–1.0	5/2/01 (5/4/01)	ND<0.50	AOC-6 CS16	2.3–2.6	5/8/02 (5/10/02)	1.1	10.0
SS-01 [2]	0.0–0.3	3/30/00 (4/4/00)	ND<1.0					10.0
AOC-6 CS5	0–2	1/30/02 (2/4/02)	ND<0.50	AOC-6 CS10	0.0–0.3	5/8/02 (5/10/02)	ND<0.50	10.0
SS-H	0.2–0.8	5/2/01 (5/4/01)	0.63					10.0
AOC-6 CS6	0–2	1/30/02 (2/4/02)	ND<0.50					10.0
				AOC-6 CS7	0.0–0.3	5/8/02 (5/10/02)	ND<0.50	10.0
				AOC-6 CS9	0.0–0.3	5/8/02 (5/10/02)	ND<0.50	10.0
				AOC-6 CS11	1.0–1.3	5/8/02 (5/10/02)	0.68	10.0
				AOC-6 CS12	1.3–1.6	5/8/02 (5/10/02)	1.4	10.0
				AOC-6 CS15	2.0–2.3	5/8/02 (5/10/02)	1.6	10.0
				AOC-6 CS17	2.3–2.6	5/8/02 (5/10/02)	2.2	10.0

Notes for Table 3.3:
(1) = Sample locations selected using a 10-meter grid.
(2) = Result reported by GEI Consultants, Inc.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Capacitor Release and PCB Remediation Areas—hand auger (page 1 of 1)

AOC #:	5 and 6
Cleanup Area Description:	Capacitor release and PCB remediation areas: surface soil and sump sediment
Location Reference:	Figure 6.1
Sample Matrix:	Soil / sump sediment
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix E (also Appendices D, F, and H)

Characterization Samples				
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
SURFACE SOIL				**SOIL**
SS-AA	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-AA [1]	0.3–1.3	4/3/02 (4/8/02)	0.83	10.0
SS-BB	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-BB	0.3–1.3	4/3/02 (4/8/02)	ND<0.50	10.0
SS-PP	0.0–0.3	4/4/02 (4/8/02)	ND<0.50	10.0
SS-PP	1.0–1.3	4/4/02 (4/8/02)	ND<0.50	10.0
SS-I	0.2–0.8	5/2/01 (5/4/01)	ND<0.50	10.0
SS-J	0.2–0.8	5/2/01 (5/4/01)	ND<0.50	10.0
SS-K	0.2–0.8	5/2/01 (5/4/01)	ND<0.50	10.0
PCB-11 [2]	1	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-12 [2]	1	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-13 [2]	0.5	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-14 [2]	1	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-15 [2]	0.5	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-16 [2]	1	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-18 [2]	1	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-18A [2]	2	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-19 [2]	0.5	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-19A [2]	2.5	6/11/98 (6/23/98)	ND<1.0	10.0
SUMP SEDIMENT				**SUMP**
PCB-5 [2]	0.5	6/11/98 (6/23/98)	ND<1.0	10.0

Notes for Table 3.4:
(1) = Sample also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). SPLP PCBs were not detected.
(2) = Result reported by GEI Consultants, Inc.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Table 3.5 (page 1 of 2)

Capacitor Release and PCB Remediation Areas—test boring (page 1 of 2)

AOC #:	5 and 6
Cleanup Area Description:	Capacitor release and PCB remediation areas: test boring soil
Location Reference:	Figure 6.1
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix E (also Appendices D, F, and H)

Characterization Samples

Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	Cleanup Criterion
TB-S	0–1	5/15/01 (5/18/01)	ND<0.50	10.0
TB-S	2.0–3.3	5/15/01 (5/18/01)	ND<0.50	10.0
TB-S	5–7	5/15/01 (5/18/01)	ND<0.50	10.0
TB-S	10–12	5/15/01 (5/18/01)	ND<0.50	10.0
TB-T	0–2	5/15/01 (5/18/01)	ND<0.50	10.0
TB-T	2–4	5/15/01 (5/18/01)	ND<0.50	10.0
TB-T	5–7	5/15/01 (5/18/01)	ND<0.50	10.0
TB-T	10–12	5/15/01 (5/18/01)	ND<0.50	10.0
TB-BBB (1)	1–3	2/13/02 (2/15/02)	***15***	10.0
TB-BBB (2)	5–7	2/13/02 (2/15/02)	***15***	10.0
TB-BBB	10–13	2/13/02 (2/15/02)	ND<0.50	10.0
TB-XXX/MW-L (3)	0.0–0.3	4/2/02 (4/5/02)	1.5	10.0
TB-XXX/MW-L (3)	0.3–1.3	4/2/02 (4/5/02)	1.2	10.0
TB-XXX/MW-L	2.3–4.3	4/2/02 (4/5/02)	ND<0.50	10.0
TB-XXX/MW-L	4.3–6.3	4/2/02 (4/5/02)	ND<0.50	10.0
TB-XXX/MW-L	10–12	4/2/02 (4/5/02)	ND<0.50	10.0
TB-XXX/MW-L	15–16	4/2/02 (4/5/02)	ND<0.50	10.0
TB-XXX/MW-L	16–17	4/2/02 (4/5/02)	ND<0.50	10.0
TB-YYY	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-YYY (3)	0.3–1.3	4/3/02 (4/8/02)	9.4	10.0
TB-YYY (4)	2.3–3.3	4/3/02 (4/8/02)	3.1	10.0
TB-YYY	3.3–4.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-YYY	5.3–6.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-YYY	11–12	4/3/02 (4/8/02)	ND<0.50	10.0
TB-YYY	15–17	4/3/02 (4/8/02)	ND<0.50	10.0
TB-AAAA	0.0–0.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-AAAA	0.3–1.3	4/3/02 (4/8/02)	ND<0.50	10.0
TB-AAAA	2.5–3.0	4/3/02 (4/8/02)	ND<0.50	10.0
TB-AAAA	4–6	4/3/02 (4/8/02)	ND<0.50	10.0
TB-AAAA	15–17	4/3/02 (4/8/02)	ND<0.50	10.0
TB-BBBB	0.0–0.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-BBBB	0.3–1.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-BBBB	2.3–4.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-BBBB	4.3–6.3	4/3/02 (4/6/02)	ND<0.50	10.0
TB-BBBB	10–12	4/3/02 (4/6/02)	ND<0.50	10.0
TB-BBBB	15–17	4/3/02 (4/6/02)	ND<0.50	10.0
TB-IIII	0.0–0.3	4/4/02 (4/8/02)	ND<0.50	10.0
TB-IIII (4)	0.3–1.3	4/4/02 (4/8/02)	1.9	10.0
TB-IIII	4.3–6.3	4/4/02 (4/8/02)	ND<0.50	10.0

Table 3.5 (page 2 of 2)

Capacitor Release and PCB Remediation Areas—test boring (page 2 of 2)

AOC #:	5 and 6
Cleanup Area Description:	Capacitor release and PCB remediation areas: test boring soil
Location Reference:	Figure 6.1
Sample Matrix:	Soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix E (also Appendices D, F, and H)

Notes for Table 3.5:
(1) = Not enough residual sample to test for leachable PCBs.
(2) = Samples collected at 3–5 feet and 5–7 feet below grade were also tested for leachable PCBs using the Synthetic Precipitation Leachate Procedure (SPLP). Leachable PCBs were detected at concentrations of 0.74 and 0.72 micrograms per liter (µg/L), respectively.
(3) = Not enough residual sample to analyze for leachable PCBs. Additional sample was collected for leachable (SPLP) PCB testing on May 8, 2002. SPLP PCBs were not detected.
(4) = Sample also tested for leachable PCBs using SPLP. SPLP PCBs were not detected.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Table 4

SUMMARY OF SITE CHARACTERIZATION RESULTS FOR PCB AREA 4: SOUTHWEST CORNER

Table 4.1 (page 1 of 1)

Transformer and Capacitor Areas—concrete core and hand auger (page 1 of 1)

AOC #:	9
Cleanup Area Description:	Transformer and capacitor areas: porous concrete pad and surface soil
Location Reference:	Figure 7
Sample Matrix:	Concrete / soil
Analysis:	US EPA 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix F (also Appendix H)

Characterization Samples				
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
Former West Transformers:				**West Trans.:**
CONCRETE PAD				**CONCRETE**
TXFP-2 1	0	02/06/02 (2/11/02)	***8.1***	1.0
TXFP-2 2	0	02/06/02 (2/11/02)	ND<0.50	1.0
SURFACE SOIL				**SOIL**
PCB-3 (1)	0.0–0.3	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-4 (1)	0.0–0.3	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-7 (1)	0.5	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-8 (1)	0.8	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-9 (1)	0.8	6/11/98 (6/23/98)	1	10.0
PCB-10 (1)	0.5	6/11/98 (6/23/98)	ND<1.0	10.0
PCB-33 (1)	0.0–0.3	7/7/98 (7/10/98)	ND<1.0	10.0
PCB-34 (1)	0.0–0.3	7/7/98 (7/10/98)	ND<1.0	10.0
PCB-35 (1)	0.0–0.3	7/7/98 (7/10/98)	ND<1.0	10.0
Southwest Transformer:				**SW Trans.:**
SURFACE SOIL				**SOIL**
HA-1 (1)	1	3/30/00 (4/4/00)	***29***	10.0
PCB-1 (1)	1	6/11/98 (6/23/98)	***440***	10.0
PCB-31 (1)	0.0–0.3	7/7/98 (7/10/98)	***94***	10.0
PCB-32 (1)	0.0–0.3	7/7/98 (7/10/98)	***53***	10.0
Former Capacitor Bank No. 4:				**Cap. Bank 4:**
CONCRETE PAD				**CONCRETE**
CS-6 (1)	0	6/19/98 (NA)	ND<1.0	1.0
SURFACE SOIL				**SOIL**
PCB-2 (1)	1.5	6/11/98 (6/23/98)	***2,300***	10.0
PCB-20 (1)	0.7	6/18/98 (NA)	ND<1.0	10.0
PCB-21 (1)	0.5	6/18/98 (NA)	ND<1.0	10.0

Notes for Table 4.1:
(1) = Result reported by GEI Consultants, Inc.
NA = Not available.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Transformer and Capacitor Areas—test boring (page 1 of 1)

AOC #:	9
Cleanup Area Description:	Transformer and capacitor areas: test boring soil
Location Reference:	Figure 7
Sample Matrix:	Soil
Analysis:	Milligrams per kilogram (mg/kg), dry weight
Units:	US EPA 8082
Laboratory Results In:	Appendix F (also Appendix H)

Characterization Samples				
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
TB-CCC	0–2	2/13/02 (2/15/02)	ND<0.50	10.0
TB-CCC	2.0–2.5	2/13/02 (2/26/02)	ND<0.50	10.0
TB-CCC	5–7	2/13/02 (2/26/02)	ND<0.50	10.0
TB-CCC	10–13	2/13/02 (2/26/02)	ND<0.50	10.0
TB-DDD	0–2	2/13/02 (2/15/02)	ND<0.50	10.0
TB-FFF	0–2	2/13/02 (2/26/02)	ND<0.50	10.0
TB-FFF	2–4	2/13/02 (2/26/02)	ND<0.50	10.0
TB-FFF	5–7	2/13/02 (2/26/02)	ND<0.50	10.0
TB-FFF	10–12	2/13/02 (2/15/02)	ND<0.50	10.0
TB-214 (1)	3.0–3.3	3/30/00 (4/4/00)	2	10.0
TB-215 (1)	2.0–2.2	3/30/00 (4/4/00)	4	10.0
TB-115 (1)	5–7	7/1/98 (7/9/98)	ND<1.0	10.0
TB-116 (1)	5–7	7/1/98 (7/9/98)	ND<1.0	10.0
MW-14D (1)	26–28	6/11/98 (6/23/98)	ND<1.0	10.0
MW-14S (1)	1–3	6/1/98 (NA)	ND<1.0	10.0
MW-13 (1)	13–15	6/1/98 (6/10/98)	ND<1.0	10.0

Notes for Table 4.2:
(1) = Result reported by GEI Consultants, Inc.
NA = Not available.

Table 5

SUMMARY OF SITE CHARACTERIZATION RESULTS FOR PCB AREA 5: SOUTHEAST CORNER

Table 5.1 (page 1 of 1)

Former Oil/Waste Oil Storage and Waste Water Treatment Facility Areas—sediment and hand auger (page 1 of 1)

AOC #:	7, 8, and 13
Cleanup Area Description:	Former oil/waste oil storage and waste water treatment facility areas: surface soil and catch basin sediment
Location Reference:	Figure 8
Sample Matrix:	Soil / catch basin sediment
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix H

Characterization Samples				Cleanup Criterion
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	
SURFACE SOIL				**SOIL**
SS-04 (1)	0.0–0.3	3/31/00 (4/5/00)	3	10.0
SS-05 (1)	0.0–0.3	3/31/00 (4/5/00)	2	10.0
SS-06 (1)	0.0–0.3	3/31/00 (4/5/00)	1	10.0
SS-07 (1)	0.0–0.3	3/31/00 (4/5/00)	ND<1.0	10.0
SS-08 (1)	0.0–0.3	3/31/00 (4/5/00)	1	10.0
AST-1 (1)	1–2	6/11/98 (6/23/98)	2	10.0
SS-1D (1)	0.5	6/19/98 (6/30/98)	***14***	10.0
SS-1S (1)	0.0	6/19/98 (6/30/98)	1	10.0
CATCH BASIN SEDIMENT				**SEDIMENT**
SED-2 (1)	0.5	6/12/98 (6/23/98)	1	1.0

Notes for Table 5.1:
(1) = Result reported by GEI Consultants, Inc.
NA = Not available.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Former Oil/Waste Oil Storage and Waste Water Treatment Facility Areas—test boring (pg. 1 of 1)

AOC #:	7, 8, and 13
Cleanup Area Description:	Former oil/waste oil storage and waste water treatment facility areas: test boring soil
Location Reference:	Figure 8
Sample Matrix:	Soil
Analysis:	US EPA 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix H

Characterization Samples				
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
MW-16 (1)	6–8	5/29/98 (6/9/98)	ND<1.0	10.0
MW-17D (1)	26–28	6/10/98 (6/18/98)	ND<1.0	10.0
MW-17S (1)	4–6	5/29/98 (6/6/98)	ND<1.0	10.0
MW-18 (1)	14–16	5/29/98 (6/6/98)	ND<1.0	10.0
MW-21 (1)	15–17	5/29/98 (6/6/98)	ND<1.0	10.0
TB-21 (1)	0–2	5/29/98 (6/6/98)	ND<1.0	10.0
TB-219 (1)	3.0–3.3	3/31/00 (4/5/00)	ND<1.0	10.0
TB-219 (1)	7.0–7.3	3/31/00 (4/5/00)	ND<1.0	10.0
TB-220 (1)	1.5–1.8	3/31/00 (4/5/00)	ND<1.0	10.0
TB-220 (1)	3.5–3.8	3/31/00 (4/5/00)	ND<1.0	10.0
TB-220 (1)	5.0–5.3	3/31/00 (4/5/00)	ND<1.0	10.0
TB-221 (1)	5.0–5.3	3/31/00 (4/5/00)	ND<1.0	10.0
TB-222 (1)	1.7–2.0	3/31/00 (4/5/00)	ND<1.0	10.0
TB-222 (1)	5.9–6.2	3/31/00 (4/5/00)	ND<1.0	10.0
TB-223 (1)	3.5–3.8	3/31/00 (4/5/00)	ND<1.0	10.0
TB-224 (1)	1.0–1.3	3/31/00 (4/5/00)	5	10.0
TB-224 (1)	2–3	3/31/00 (4/5/00)	7	10.0
TB-225 (1)	3.7–4.0	3/31/00 (4/5/00)	4	10.0
TB-225 (1)	1.7–2.0	3/31/00 (4/5/00)	***14***	10.0
TB-24 (1)	6–8	5/29/98 (6/6/98)	ND<1.0	10.0

Notes for Table 5.2:
(1) = Result reported by GEI Consultants, Inc.
Bold indicates that detected concentration exceeds associated cleanup criterion.

Table 6

SUMMARY OF SITE CHARACTERIZATION RESULTS FOR NON-PCB AREAS: BALANCE OF SITE

Table 6.1 (page 1 of 1)

Site-Wide—sediment and hand auger

AOC #:	2, 11, and 12
Cleanup Area Description:	Site-Wide: asphalt, surface soil and catch basin sediment
Location Reference:	Figure 9
Sample Matrix:	Asphalt / soil / catch basin sediment
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix G (also Appendices D, E, F, and H)

Characterization Samples				
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	**Cleanup Criterion**
ASPHALT				**ASPHALT**
SS-M1	0.0–0.2	5/2/01 (5/4/01)	ND<0.50	10.0
AOC-2 CS6	0.0–0.25	3/12/02 (3/14/02)	ND<0.50	1.0
SURFACE SOIL				**SOIL**
SS-L	0.2–0.8	5/2/01 (5/4/01)	ND<0.50	10.0
SS-M2	0.2–0.8	5/2/01 (5/4/01)	ND<0.50	10.0
AOC-2 CS2	0–2	3/12/02 (3/14/02)	ND<0.50	1.0
AOC-2 CS2	2–4	3/12/02 (3/14/02)	ND<0.50	1.0
AOC-2 CS2	5–7	3/12/02 (3/14/02)	ND<0.50	1.0
AOC-2 CS6	0.25–2.0	3/12/02 (3/14/02)	ND<0.50	1.0
AOC-2 CS6	2–4	3/12/02 (3/14/02)	ND<0.50	1.0
AOC-2 CS6	5–7	3/12/02 (3/14/02)	ND<0.50	1.0
CATCH BASIN SEDIMENT				**SEDIMENT**
CB-4	NA	7/25/01 (7/30/01)	ND<0.50	10.0
SED-1 (1)	1	6/12/98 (6/23/98)	ND<1.0	10.0

Notes for Table 6.1:
(1) = Result reported by GEI Consultants, Inc.
NA = Not applicable.

Site-Wide—test boring (page 1 of 4)

AOC #:	1, 2, 11, and 12
Cleanup Area Description:	Site-Wide: asphalt and test boring soil
Location Reference:	Figure 9
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix G (also Appendices D, E, F, and H)

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
ASPHALT [1]				ASPHALT
TB-HHH	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-III	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-JJJ	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-KKK	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-LLL	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-MMM	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-NNN	0.0–0.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-OOO	0.0–0.3	4/1/02(4/2/02)	ND<0.50	10.0
TB-PPP	0.0–0.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-QQQ	0.0–0.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-RRR	0.0–0.3	4/2/02 (4/5/02)	ND<0.50	1.0
TB-SSS	0.0–0.3	4/2/02 (4/5/02)	ND<0.50	1.0
TB-TTT	0.0–0.3	4/2/02 (4/5/02)	ND<0.50	10.0
TB-UUU	0.0–0.3	4/2/02 (4/5/02)	ND<0.50	1.0
TB-VVV	0.0–0.3	4/2/02 (4/5/02)	ND<0.50	10.0
TB-WWW	0.0–0.3	4/2/02 (4/5/02)	ND<0.50	10.0
TB-FFFF	0.0–0.3	4/4/02 (4/8/02)	ND<0.50	1.0
TB-AAAAA	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-BBBBB	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-CCCCC	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-FFFFF	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-GGGGG	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-HHHHH	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-IIIII	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-JJJJJ	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-KKKKK	0.0–0.3	4/5/02 (4/10/02)	ND<0.50	1.0
SOIL				SOIL
TB-L	2–4	5/14/01 (5/18/01)	ND<0.50	1.0
TB-J	2–4	5/14/01 (5/18/01)	ND<0.50	1.0
TB-JJ	2–4	4/1/02 (4/3/02)	ND<0.50	10.0
TB-KK	2–4	4/1/02 (4/3/02)	ND<0.50	10.0
TB-OO	0–2	4/1/02 (4/3/02)	ND<0.50	10.0
TB-RR	2–4	4/1/02 (4/3/02)	ND<0.50	1.0
TB-VV	5.0–5.5	4/1/02 (4/3/02)	ND<0.50	10.0
TB-HHH	1.3–2.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-HHH	2.3–4.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-HHH	4.3–6.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-III	1–3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-III	3.5–4.5	4/1/02 (4/2/02)	ND<0.50	10.0
TB-III	5–7	4/1/02 (4/2/02)	ND<0.50	10.0
TB-III	10–12	4/1/02 (4/2/02)	ND<0.50	10.0
TB-JJJ	1–3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-JJJ	5–7	4/1/02 (4/2/02)	ND<0.50	10.0

Site-Wide—test boring (page 2 of 4)

AOC #:	1, 2, 11, and 12
Cleanup Area Description:	Site-Wide: asphalt and test boring soil
Location Reference:	Figure 9
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix G (also Appendices D, E, F, and H)

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
SOIL				SOIL
TB-KKK	1–3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-KKK	3–5	4/1/02 (4/2/02)	ND<0.50	10.0
TB-KKK	5–7	4/1/02 (4/2/02)	ND<0.50	10.0
TB-LLL	1–3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-LLL	5–7	4/1/02 (4/2/02)	ND<0.50	10.0
TB-MMM	0.3–1.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-MMM	2–4	4/1/02 (4/2/02)	ND<0.50	10.0
TB-NNN	0.3–2.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-NNN	2.3–4.3	4/1/02 (4/2/02)	ND<0.50	10.0
TB-NNN	4.3–6.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-OOO	0.3–1.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-OOO	3.0–3.5	4/1/02 (4/3/02)	ND<0.50	10.0
TB-OOO	4–6	4/1/02 (4/3/02)	ND<0.50	10.0
TB-PPP	0.3–2.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-PPP	2.5–3.0	4/1/02 (4/3/02)	ND<0.50	10.0
TB-PPP	3.5–4.0	4/1/02 (4/3/02)	ND<0.50	10.0
TB-PPP	4.3–6.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-QQQ	0.3–2.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-QQQ	2.3–4.3	4/1/02 (4/3/02)	ND<0.50	10.0
TB-QQQ	4.3–5.0	4/1/02 (4/3/02)	ND<0.50	10.0
TB-RRR	0.3–0.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-RRR	0.6–2.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-RRR	4.6–6.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-SSS	0.3–0.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-SSS	2.6–4.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-SSS	6.6–8.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-TTT	0.3–0.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-TTT	0.6–2.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-TTT	4.6–6.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-UUU	0.3–0.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-UUU	4.6–6.6	4/2/02 (4/5/02)	ND<0.50	1.0
TB-UUU	15–17	4/2/02 (4/5/02)	ND<0.50	1.0
TB-VVV	0.3–0.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-VVV	2.0–2.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-VVV	2.6–4.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-VVV	4.6–6.6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-WWW	0.3–2.0	4/2/02 (4/5/02)	ND<0.50	10.0
TB-WWW	2–4	4/2/02 (4/5/02)	ND<0.50	10.0
TB-WWW	4–6	4/2/02 (4/5/02)	ND<0.50	10.0
TB-WWW	20–22	4/2/02 (4/5/02)	ND<0.50	10.0
TB-FFFF	0.5–0.8	4/4/02 (4/8/02)	ND<0.50	1.0
TB-FFFF	2.5–3.5	4/4/02 (4/8/02)	ND<0.50	1.0
TB-FFFF	3.5–4.5	4/4/02 (4/8/02)	ND<0.50	1.0

Site-Wide—test boring (page 3 of 4)

AOC #:	1, 2, 11, and 12
Cleanup Area Description:	Site-Wide: asphalt and test boring soil
Location Reference:	Figure 9
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results in:	Appendix G (also Appendices D, E, F, and H)

Characterization Samples				Cleanup Criterion
Sample ID	**Depth (feet)**	**Sampling Date (Analysis Date)**	**Sample Result**	
SOIL				**SOIL**
TB-AAAAA	0.5–2.5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-BBBBB	0.5–2.5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-BBBBB	2.5–4.5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-BBBBB	4.5–5.5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-CCCCC	2–4	4/5/02 (4/10/02)	ND<0.50	1.0
TB-CCCCC	4–5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-FFFFF	0.5–0.8	4/5/02 (4/10/02)	ND<0.50	1.0
TB-GGGGG	0.5–1.2	4/5/02 (4/10/02)	ND<0.50	1.0
TB-HHHHH	0.5–2.5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-HHHHH	2.5–4.5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-JJJJJ	0.3–2.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-JJJJJ	2.3–4.3	4/5/02 (4/10/02)	ND<0.50	1.0
TB-KKKKK	1–2	4/5/02 (4/10/02)	ND<0.50	1.0
TB-KKKKK	4–5	4/5/02 (4/10/02)	ND<0.50	1.0
TB-AAA	2–4	2/13/02 (2/26/02)	ND<0.50	10.0
TB-AAA	5–7	2/13/02 (2/26/02)	ND<0.50	10.0
TB-AAA	10–12	2/13/02 (2/26/02)	ND<0.50	10.0
TB-AAA	0–2	2/13/02 (2/26/02)	ND<0.50	10.0
TB-II	5–7	2/8/02 (2/14/02)	ND<0.50	10.0
TB-JJ	2–4	2/8/02 (2/14/02)	ND<0.50	10.0
TB-KK	0–2	2/8/02 (2/14/02)	ND<0.50	10.0
TB-MM	2–4	2/8/02 (2/14/02)	ND<0.50	10.0
TB-QQ	0–2	2/8/02 (2/14/02)	ND<0.50	1.0
TB-QQ	10–12	2/8/02 (2/14/02)	ND<0.50	1.0
TB-UU	2–4	2/8/02 (2/14/02)	ND<0.50	10.0
TB-VV	2–4	2/8/02 (2/14/02)	ND<0.50	10.0
TB-VV	4–6	2/8/02 (2/21/02)	ND<0.50	10.0
TB-U/MW-G	1–3	5/15/01 (5/18/01)	ND<0.50	10.0
TB-W/MW-H	2–4	5/15/01 (5/18/01)	ND<0.50	10.0
TB-Z/MW-I	2–4	5/15/01 (5/18/01)	ND<0.50	10.0

Site-Wide—test boring (page 4 of 4)

AOC #:	1, 2, 11, and 12
Cleanup Area Description:	Site-Wide: asphalt and test boring soil
Location Reference:	Figure 9
Sample Matrix:	Asphalt / soil
Analysis:	US EPA Method 8082
Units:	Milligrams per kilogram (mg/kg), dry weight
Laboratory Results In:	Appendix G (also Appendices D, E, F, and H)

Characterization Samples				Cleanup Criterion
Sample ID	Depth (feet)	Sampling Date (Analysis Date)	Sample Result	
SOIL				SOIL
TB-200 (2)	5–7	7/2/98 (7/9/98)	ND<1.0	10.0
MW-4D (2)	36–40	6/10/98 (6/18/98)	ND<1.0	1.0
MW-10 (2)	9–11	6/9/98 (6/19/98)	ND<1.0	10.0
MW-3 (2)	15–17	6/4/98 (6/12/98)	ND<1.0	1.0
TB-6 (2)	1–7	6/4/98 (6/12/98)	ND<1.0	1.0
TB-7 (2)	5	6/4/98 (6/12/98)	ND<1.0	1.0
TB-7A (2)	7–9	6/4/98 (6/12/98)	ND<1.0	1.0
MW-2 (2)	13–17	6/2/98 (6/10/98)	ND<1.0	1.0
TB-1 (2)	7–8	6/2/98 (6/10/98)	ND<1.0	1.0
MW-12 (2)	2–4	6/1/98 (6/10/98)	ND<1.0	10.0
TB-25 (2)	2–4	5/29/98 (6/6/98)	ND<1.0	10.0
TB-18 (2)	12–14	5/28/98 (6/6/98)	ND<1.0	10.0
TB-18A (2)	16–18	5/28/98 (6/6/98)	ND<1.0	10.0
MW-20 (2)	11–13	5/27/98 (6/7/98)	ND<1.0	10.0
MW-5 (2)	2–4	5/26/98 (6/7/98)	ND<1.0	10.0
MW-9A (2)	0–2	5/26/98 (6/7/98)	ND<1.0	10.0

Notes for Table 6.2:
(1) = Sample may include some base material (e.g., cobbles or gravel).
(2) = Result reported by GEI Consultants, Inc.

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Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 2 and 14, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Surface Soil Sample Concentrations (ppm)						
	Residential	Industrial/ Commercial	GB Area	SS-A	SS-B	SS-C	SS-D1	SS-D2	SS-E	SS-F
Depth Below Grade (ft.)				(0-1)	(0-1)	(0-1)	(0-1)	(0-0.5)	(0.5-1)	(0.3-1)
USEPA Method 8270 Polynuclear Aromatic Hydrocarbons (PAHs)										
Acenaphthene	1,000	2,500	84	NT	NT	NT	ND<0.20	ND<0.20	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	ND<0.20	ND<0.20	NT	NT
Anthracene	1,000	2,500	400	NT	NT	NT	ND<0.20	ND<0.20	NT	NT
Benzo[a]anthracene	1	7.8	1	NT	NT	NT	0.87	ND<0.20	NT	NT
Benzo[a]pyrene	1	1	1	NT	NT	NT	0.79	ND<0.20	NT	NT
Benzo[b]fluoranthene	1	7.8	1	NT	NT	NT	1.7	ND<0.20	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	0.72	ND<0.20	NT	NT
Benzo[k]fluoranthene	8.4	78	1	NT	NT	NT	0.64	ND<0.20	NT	NT
Chrysene	84	780	1	NT	NT	NT	0.87	ND<0.20	NT	NT
Dibenz[a,h]anthracene	1	1	1	NT	NT	NT	ND<0.20	ND<0.20	NT	NT
Fluoranthene	1,000	2,500	56	NT	NT	NT	1.5	ND<0.20	NT	NT
Fluorene	1,000	2,500	56	NT	NT	NT	ND<0.20	ND<0.20	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	NT	0.70	ND<0.20	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	ND<0.20	ND<0.20	NT	NT
Phenanthrene	1,000	2,500	40	NT	NT	NT	0.88	ND<0.20	NT	NT
Pyrene	1,000	2,500	40	NT	NT	NT	1.3	ND<0.20	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CT ETPH)	500	2,500	2,500	NT	NT	NT	99	ND<50	ND<50	NT
Total Metals										
Arsenic	10	10	NA	ND<2.0	ND<2.0	7.4	14	ND<2.0	51	930
Barium	4,700	140,000	NA	NT	NT	NT	30	25	NT	NT
Cadmium	34	1,000	NA	NT	NT	NT	ND<1.0	ND<1.0	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	11	8	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	64	31	NT	NT
Mercury	20	610	NA	NT	NT	NT	0.72	ND<0.20	NT	NT
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT	NT

3

Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 2 and 14, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Surface Soil Sample Concentrations (ppm)						
	Residential	Industrial/ Commercial	GB Area	SS-A	SS-B	SS-C	SS-D1	SS-D2	SS-E	SS-F
Depth Below Grade (ft.)				(0-1)	(0-1)	(0-1)	(0-1)	(0-0.5)	(0.5-1)	(0.3-1)
Selenium	340	10,000	NA	NT	NT	NT	ND<1.0	ND<1.0	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT	NT
SPLP Metals										
Arsenic	NA	NA	0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05
Barium	NA	NA	10	NT	NT	NT	0.56	0.73	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	ND<0.013	0.034	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)										
PCB-1248	1	10	NA	NT	NT	NT	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Notes:
mg/kg = milligrams per kilogram.
ppm = parts per million (comparable to mg/kg).
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
NA = Not applicable.
SPLP = Test performed on leachate from Synthetic Precipitation Leaching Procedure (SPLP). Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

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Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 2 and 14, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Surface Soil Sample Concentrations (ppm)						
	Residential	Industrial/ Commercial	GB Area	SS-G	SS-H	SS-I	SS-J	SS-K	SS-L	SS-M1
Depth Below Grade (ft.)				(0.5-1)	(0.2-0.8)	(0.2-0.8)	(0.2-0.8)	(0.2-0.8)	(0.2-0.8)	(0.0-0.2)
USEPA Method 8270 Polynuclear Aromatic Hydrocarbons (PAHs)										
Acenaphthene	1,000	2,500	84	NT	NT	ND<0.20	NT	ND<0.20	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	ND<0.20	NT	ND<0.20	NT	NT
Anthracene	1,000	2,500	400	NT	NT	0.37	NT	ND<0.20	NT	NT
Benzo[a]anthracene	1	7.8	1	NT	NT	1.7	NT	0.94	NT	NT
Benzo[a]pyrene	1	1	1	NT	NT	1.5	NT	0.65	NT	NT
Benzo[b]fluoranthene	1	7.8	1	NT	NT	2.7	NT	1.3	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	0.99	NT	0.50	NT	NT
Benzo[k]fluoranthene	8.4	78	1	NT	NT	1.1	NT	0.52	NT	NT
Chrysene	84	780	1	NT	NT	1.7	NT	0.90	NT	NT
Dibenz[a,h]anthracene	1	1	1	NT	NT	0.22	NT	ND<0.20	NT	NT
Fluoranthene	1,000	2,500	56	NT	NT	3.3	NT	1.1	NT	NT
Fluorene	1,000	2,500	56	NT	NT	ND<0.20	NT	ND<0.20	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	0.87	NT	0.40	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	0.41	NT	ND<0.20	NT	NT
Phenanthrene	1,000	2,500	40	NT	NT	2.4	NT	0.80	NT	NT
Pyrene	1,000	2,500	40	NT	NT	2.7	NT	1.1	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CT ETPH)	500	2,500	2,500	140	NT	140	NT	220	NT	NT
Total Metals										
Arsenic	10	10	NA	85	110	100	86	69	30	NT
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	NT	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT	NT

Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 2 and 14, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Surface Soil Sample Concentrations (ppm)						
	Residential	Industrial/ Commercial	GB Area	SS-G	SS-H	SS-I	SS-J	SS-K	SS-L	SS-M1
Depth Below Grade (ft.)				(0.5-1)	(0.2-0.8)	(0.2-0.8)	(0.2-0.8)	(0.2-0.8)	(0.2-0.8)	(0.0-0.2)
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT	NT
SPLP Metals										
Arsenic	NA	NA	0.5	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	ND<0.05	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)										
PCB-1248	1	10	NA	ND<0.50	0.63	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

Notes:
mg/kg = milligrams per kilogram.
ppm = parts per million (comparable to mg/kg).
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
NA = Not applicable.
SPLP = Test performed on leachate from Synthetic Precipitation Leaching Procedure (SPLP). Units are milligrams per liter (mg/L).
• = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

Table 3
Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 2 and 14, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Surface Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	SS-M2	SS-U	SS-V	SS-W	SS-W	SS-X	SS-Y	SS-Z
Depth Below Grade (ft.)				(0.2-0.8)	(0-2)	(0-1.5)	(0-2)	(2-3)	(0-0.6)	(0-0.6)	(0-0.6)
USEPA Method 8270 Polynuclear Aromatic Hydrocarbons (PAHs)											
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Anthracene	1,000	2,500	400	NT	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Benzo[a]anthracene	1	7.8	1	NT	NT	NT	NT	NT	0.93	0.21	ND<0.20
Benzo[a]pyrene	1	1	1	NT	NT	NT	NT	NT	0.68	0.22	ND<0.20
Benzo[b]fluoranthene	1	7.8	1	NT	NT	NT	NT	NT	1.1	0.85	ND<0.20
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	NT	0.49	0.31	ND<0.20
Benzo[k]fluoranthene	8.4	78	1	NT	NT	NT	NT	NT	0.45	0.21	ND<0.20
Chrysene	84	780	1	NT	NT	NT	NT	NT	1.1	1.2	ND<0.20
Dibenz[a,h]anthracene	1	1	1	NT	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Fluoranthene	1,000	2,500	56	NT	NT	NT	NT	NT	1.6	0.74	ND<0.20
Fluorene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	NT	NT	NT	0.41	0.28	ND<0.20
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.20	ND<0.20	ND<0.20
Phenanthrene	1,000	2,500	40	NT	NT	NT	NT	NT	0.78	0.94	ND<0.20
Pyrene	1,000	2,500	40	NT	NT	NT	NT	NT	1.8	0.42	ND<0.20
Connecticut Extractable Total Petroleum Hydrocarbons (CT ETPH)	500	2,500	2,500	NT	NT	NT	NT	NT	270	240	700
Total Metals											
Arsenic	10	10	NA	ND<2.0	37	18	20	26	30	37	ND<2.0
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	40	28	38
Cadmium	34	1,000	NA	NT	NT	NT	NT	NT	1.3	2.1	1.6
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	13	28	19
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	170	29	100
Lead	500	1,000	NA	NT	NT	NT	NT	NT	130	52	810
Mercury	20	610	NA	NT	NT	NT	NT	NT	ND<0.20	0.48	1.2
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	24	21	11

Comparison of Surface Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 2 and 14, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Surface Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	SS-M2	SS-U	SS-V	SS-W	SS-W	SS-X	SS-Y	SS-Z
Depth Below Grade (ft.)				(0.2-0.8)	(0-2)	(0-1.5)	(0-2)	(2-3)	(0-0.6)	(0-0.6)	(0-0.6)
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	2.2	6.4	ND<1.0
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	88	16	200
SPLP Metals											
Arsenic	NA	NA	0.5	ND<0.05	NT	NT	NT	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Lead	NA	NA	0.15	NT	NT	NT	NT	NT	NT	NT	NT
USEPA Method 8082 Polychlorinated Biphenyls (PCBs)											
PCB-1248	1	10	NA	ND<0.50	NT	NT	NT	NT	ND<0.50	ND<0.50	ND<0.50

Notes:
mg/kg = milligrams per kilogram.
ppm = parts per million (comparable to mg/kg).
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
NA = Not applicable.
SPLP = Test performed on leachate from Synthetic Precipitation Leaching Procedure (SPLP). Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-A	TB-A	TB-A	TB-A	TB-B	TB-B	TB-B	TB-B
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Anthracene	1,000	2,500	400	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	0.30	NT	NT	NT	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	0.35	NT	NT	NT	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Chrysene	84	780	**1**	NT	**1.3**	NT	NT	NT	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Fluorene	1,000	2,500	56	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	ND<0.20	NT	NT	NT	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	0.90	NT	NT	NT	NT	NT	NT
Pyrene	1,000	2,500	**40**	NT	0.28	NT	NT	NT	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT

▬le 4
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-A	TB-A	TB-A	TB-A	TB-B	TB-B	TB-B	TB-B
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
Total Metals											
Antimony	**27**	8,200	NA	NT	NT	NT	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	2.6	6.1	**240**	**300**	5.8	**34**	**110**	9.3
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Beryllium	**2**	**2**	NA	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Lead	**500**	1,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	ND<0.05	NT	NT	NT	ND<0.05	ND<0.05	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	**500**	**2,500**	**2,500**	ND<50	NT	NT	NT	NT	NT	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

[redacted]e 4
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-C	TB-C	TB-C	TB-C	TB-D	TB-D	TB-D	TB-D
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Anthracene	1,000	2,500	400	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]anthracene	1	7.8	1	NT	ND<0.20	NT	NT	0.58	NT	NT	NT
Benzo[b]fluoranthene	1	7.8	1	NT	ND<0.20	NT	NT	0.94	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	ND<0.20	NT	NT	0.36	NT	NT	NT
Benzo[k]fluoranthene	8.4	78	1	NT	ND<0.20	NT	NT	0.28	NT	NT	NT
Benzo[a]pyrene	1	1	1	NT	ND<0.20	NT	NT	0.45	NT	NT	NT
Chrysene	84	780	1	NT	ND<0.20	NT	NT	0.78	NT	NT	NT
Dibenz[a,h]anthracene	1	1	1	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Fluoranthene	1,000	2,500	56	NT	ND<0.20	NT	NT	1.2	NT	NT	NT
Fluorene	1,000	2,500	56	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	ND<0.20	NT	NT	0.30	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Phenanthrene	1,000	2,500	40	NT	0.23	NT	NT	1.0	NT	NT	NT
Pyrene	1,000	2,500	40	NT	ND<0.20	NT	NT	1.1	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	ND<0.005	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	ND<0.005	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	ND<0.005	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	ND<0.005	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	ND<0.005	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.005	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	ND<0.005	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	ND<0.005	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-C	TB-C	TB-C	TB-C	TB-D	TB-D	TB-D	TB-D
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
Total Metals											
Antimony	27	8,200	NA	NT	NT	NT	NT	NT	ND<2.0	NT	NT
Arsenic	10	10	NA	2.1	670	61	13	34	5.9	5.7	22
Barium	4,700	140,000	NA	NT	28	NT	NT	NT	38	NT	NT
Beryllium	2	2	NA	NT	NT	NT	NT	NT	ND<1.0	NT	NT
Cadmium	34	1,000	NA	NT	3	NT	NT	NT	ND<1.0	NT	NT
Chromium	100*	100*	NA	NT	7.1	NT	NT	NT	12	NT	NT
Copper	2,500	76,000	NA	NT	23	NT	NT	NT	75	NT	NT
Lead	500	1,000	NA	NT	59	NT	NT	NT	110	NT	NT
Mercury	20	610	NA	NT	0.80	NT	NT	NT	0.48	NT	NT
Nickel	1,400	7,500	NA	NT	6.30	NT	NT	NT	7.4	NT	NT
Selenium	340	10,000	NA	NT	15	NT	NT	NT	2.0	NT	NT
Zinc	20,000	610,000	NA	NT	ND<2.0	NT	NT	NT	53	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	ND<0.05	NT	NT	ND<0.05	NT	NT	NT
Barium	NA	NA	10	NT	0.38	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	0.16	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	ND<50	NT	NT	110	NT	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-E	TB-E	TB-E	TB-E	TB-F	TB-F	TB-F	TB-F
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Anthracene	1,000	2,500	400	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]anthracene	1	7.8	1	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Benzo[b]fluoranthene	1	7.8	1	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Benzo[k]fluoranthene	8.4	78	1	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]pyrene	1	1	1	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Chrysene	84	780	1	NT	NT	NT	NT	0.35	NT	NT	NT
Dibenz[a,h]anthracene	1	1	1	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Fluoranthene	1,000	2,500	56	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Fluorene	1,000	2,500	56	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	ND<0.20	NT	NT	NT
Phenanthrene	1,000	2,500	40	NT	NT	NT	NT	0.36	NT	NT	NT
Pyrene	1,000	2,500	40	NT	NT	NT	NT	ND<0.20	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	ND<0.010	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	ND<0.010	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	ND<0.010	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	ND<0.010	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	ND<0.010	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	ND<0.010	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	ND<0.010	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	ND<0.010	NT	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-E	TB-E	TB-E	TB-E	TB-F	TB-F	TB-F	TB-F
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
Total Metals											
Antimony	27	8,200	NA	NT	NT	NT	NT	ND<2.0	NT	NT	NT
Arsenic	10	10	NA	11	320	30	46	14	32	6.1	3.2
Barium	4,700	140,000	NA	NT	NT	NT	NT	17	NT	NT	NT
Beryllium	2	2	NA	NT	NT	NT	NT	ND<1.0	NT	NT	NT
Cadmium	34	1,000	NA	NT	ND<1.0	NT	NT	ND<1.0	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	ND<2.0	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	11	NT	NT	NT
Lead	500	1,000	NA	NT	NT	NT	NT	6.4	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	NT	NT	NT	ND<2.0	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	2.3	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	2.7	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	ND<0.05	NT	NT	ND<0.05	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	NT	NT	ND<50	NT	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

Table 4
Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-G	TB-G	TB-G	TB-G	TB-H	TB-H	TB-H	TB-H
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	1,000	2,500	400	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene	84	780	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	1,000	2,500	**40**	NT	NT	NT	NT	NT	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-G	TB-G	TB-G	TB-G	TB-H	TB-H	TB-H	TB-H
Depth Below Grade (ft.)				(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)	(10-12)
Total Metals											
Antimony	**27**	8,200	NA	NT	NT	NT	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	6.9	**93**	7.6	ND<2.0	**17**	**110**	4.5	2.9
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Beryllium	**2**	**2**	NA	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Lead	**500**	1,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	ND<0.05	NT	NT	ND<0.05	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	**500**	**2,500**	**2,500**	460	79	NT	NT	NT	NT	NT	NT

Notes:
- mg/kg = milligrams per kilogram.
- ppm = Parts per million (comparable to mg/kg).
- NA = Not applicable.
- ND = Not detected above laboratory minimum detection limit.
- NT = Not tested.
- SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
- * = 100 mg/kg for hexavalent chromium.
- ☐ = Concentration exceeds associated criterion.

[redacted]e 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-I	TB-I	TB-I	TB-J	TB-J	TB-K	TB-K	TB-L
Depth Below Grade (ft.)				(0-2)	(2-4)	(10-12)	(0-1)	(2-4)	(0-5)	(2-3)	(1-2)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Anthracene	1,000	2,500	400	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]anthracene	1	7.8	1	NT	ND<0.20	NT	NT	0.31	NT	NT	NT
Benzo[b]fluoranthene	1	7.8	1	NT	ND<0.20	NT	NT	0.36	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Benzo[k]fluoranthene	8.4	78	1	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]pyrene	1	1	1	NT	ND<0.20	NT	NT	0.25	NT	NT	NT
Chrysene	84	780	1	NT	0.22	NT	NT	0.30	NT	NT	NT
Dibenz[a,h]anthracene	1	1	1	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Fluoranthene	1,000	2,500	56	NT	ND<0.20	NT	NT	0.61	NT	NT	NT
Fluorene	1,000	2,500	56	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	ND<0.20	NT	NT	ND<0.20	NT	NT	NT
Phenanthrene	1,000	2,500	40	NT	0.27	NT	NT	0.28	NT	NT	NT
Pyrene	1,000	2,500	40	NT	ND<0.20	NT	NT	0.55	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT

—e 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-I	TB-I	TB-I	TB-J	TB-J	TB-K	TB-K	TB-L
Depth Below Grade (ft.)				(0-2)	(2-4)	(10-12)	(0-1)	(2-4)	(0-5)	(2-3)	(1-2)
Total Metals											
Antimony	27	8,200	NA	NT	ND<2.0	NT	NT	3.7	NT	NT	NT
Arsenic	10	10	NA	2.2	3.9	5.3	ND<2.0	6.4	3.8	29	2.8
Barium	4,700	140,000	NA	NT	11	NT	NT	74	NT	NT	NT
Beryllium	2	2	NA	NT	ND<1.0	NT	NT	ND<1.0	NT	NT	NT
Cadmium	34	1,000	NA	NT	ND<1.0	NT	NT	1.7	NT	NT	NT
Chromium	100*	100*	NA	NT	4.4	NT	NT	8.1	NT	NT	NT
Copper	2,500	76,000	NA	NT	33	NT	NT	760	NT	NT	NT
Lead	500	1,000	NA	NT	21	NT	NT	1,000	NT	NT	NT
Mercury	20	610	NA	NT	0.71	NT	NT	1.9	NT	NT	NT
Nickel	1,400	7,500	NA	NT	4.7	NT	NT	11	NT	NT	NT
Selenium	340	10,000	NA	NT	ND<1.0	NT	NT	ND<1.0	NT	NT	NT
Zinc	20,000	610,000	NA	NT	28	NT	NT	1,000	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	ND<0.05	NT	NT	ND<0.05	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	ND<50	NT	ND<50	330	NT	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

[redacted]e 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-L	TB-L	TB-L	TB-M	TB-O	TB-O	TB-O	TB-P/ MW-D
Depth Below Grade (ft.)				(2-4)	(5-6)	(10-12)	(0.5-1)	(0.5-2)	(5-7)	(10-12)	(0.5-1.5)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	1,000	2,500	84	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Anthracene	1,000	2,500	400	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Benzo[a]anthracene	1	7.8	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Benzo[b]fluoranthene	1	7.8	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Benzo[k]fluoranthene	8.4	78	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Benzo[a]pyrene	1	1	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Chrysene	84	780	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Dibenz[a,h]anthracene	1	1	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	1,000	2,500	56	0.21	NT	NT	NT	NT	NT	NT	NT
Fluorene	1,000	2,500	56	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	1,000	2,500	40	ND<0.20	NT	NT	NT	NT	NT	NT	NT
Pyrene	1,000	2,500	40	0.20	NT	NT	NT	NT	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations
to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-L	TB-L	TB-L	TB-M	TB-O	TB-O	TB-O	TB-P/ MW-D
Depth Below Grade (ft.)				(2-4)	(5-6)	(10-12)	(0.5-1)	(0.5-2)	(5-7)	(10-12)	(0.5-1.5)
Total Metals											
Antimony	27	8,200	NA	4.1	NT	NT	NT	NT	NT	NT	NT
Arsenic	10	10	NA	62	11	ND<2.0	ND<2.0	36	7.1	2.6	ND<2.0
Barium	4,700	140,000	NA	23	NT	NT	NT	NT	NT	NT	NT
Beryllium	2	2	NA	3.2	NT	NT	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	ND<1.0	NT	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	17	NT	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	210	NT	NT	NT	NT	NT	NT	NT
Lead	500	1,000	NA	160	NT	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	0.93	NT	NT	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	70	NT	NT	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	ND<1.0	NT	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	130	NT	NT	NT	NT	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	ND<0.05	NT	NT	NT	ND<0.05	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	390	NT	NT	NT	NT	NT	NT	NT

Notes:
mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-P/ MW-D	TB-P/ MW-D	TB-P/ MW-D	TB-Q/ MW-E	TB-Q/ MW-E	TB-Q/ MW-E	TB-R/ MW-F	TB-R/ MW-F
Depth Below Grade (ft.)				(2-4)	(5-7)	(10-12)	(2-4)	(8-10)	(10-12)	(0-2)	(2-4)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	NT	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	NT	NT	NT	NT
Anthracene	1,000	2,500	400	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[a]anthracene	1	7.8	1	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[b]fluoranthene	1	7.8	1	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[k]fluoranthene	8.4	78	1	NT	NT	NT	NT	NT	NT	NT	NT
Benzo[a]pyrene	1	1	1	NT	NT	NT	NT	NT	NT	NT	NT
Chrysene	84	780	1	NT	NT	NT	NT	NT	NT	NT	NT
Dibenz[a,h]anthracene	1	1	1	NT	NT	NT	NT	NT	NT	NT	NT
Fluoranthene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
Fluorene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
Indeno[1,2,3-cd]pyrene	1	7.8	1	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
Phenanthrene	1,000	2,500	40	NT	NT	NT	NT	NT	NT	NT	NT
Pyrene	1,000	2,500	40	NT	NT	NT	NT	NT	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT	ND<0.005	ND<0.005

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-P/ MW-D	TB-P/ MW-D	TB-P/ MW-D	TB-Q/ MW-E	TB-Q/ MW-E	TB-Q/ MW-E	TB-R/ MW-F	TB-R/ MW-F
Depth Below Grade (ft.)				(2-4)	(5-7)	(10-12)	(2-4)	(8-10)	(10-12)	(0-2)	(2-4)
Total Metals											
Antimony	**27**	8,200	NA	NT	NT	NT	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	ND<2.0	7.4	ND<2.0	**34**	ND<2.0	ND<2.0	2.2	**26**
Barium	4,700	140,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Beryllium	**2**	**2**	NA	NT	NT	NT	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	NT	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Lead	**500**	1,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	NT	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	NT	NT	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	NT	NT	NT	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	NT	NT	0.09	NT	NT	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	**500**	**2,500**	**2,500**	NT	NT	NT	140	ND<50	NT	ND<50	ND<50

Notes:
mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
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NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

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Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-R/ MW-F	TB-R/ MW-F	TB-S	TB-S	TB-S	TB-S	TB-T	TB-T
Depth Below Grade (ft.)				(5-7)	(10-12)	(0-1)	(2-3.3)	(5-7)	(10-12)	(0-2)	(2-4)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	5.0	NT	NT	NT	ND<0.20	NT	NT	NT
Acenaphthylene	1,000	2,500	84	2.0	NT	NT	NT	ND<0.20	NT	NT	NT
Anthracene	1,000	2,500	400	9.3	NT	NT	NT	ND<0.20	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	**22**	NT	NT	NT	**1.4**	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	**25**	NT	NT	NT	**2.4**	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	9.3	NT	NT	NT	1.7	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	**8.7**	NT	NT	NT	0.87	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	**17**	NT	NT	NT	**1.9**	NT	NT	NT
Chrysene	84	780	**1**	**21**	NT	NT	NT	**2.3**	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	**2.5**	NT	NT	NT	0.49	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	**65**	NT	NT	NT	1.7	NT	NT	NT
Fluorene	1,000	2,500	56	7.6	NT	NT	NT	ND<0.20	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	**9.6**	NT	NT	NT	**1.2**	NT	NT	NT
Naphthalene	1,000	2,500	56	3.4	NT	NT	NT	ND<0.20	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	**71**	NT	NT	NT	0.90	NT	NT	NT
Pyrene	1,000	2,500	**40**	**57**	NT	NT	NT	1.9	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	ND<0.005	ND<0.005	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT
tert-Butylbenzene	500	1,000	14	ND<0.005	ND<0.005	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT
1,1-Dichloroethane	500	1,000	14	ND<0.005	ND<0.005	NT	ND<0.005	ND<0.005	0.011	NT	NT
Ethylbenzene	500	1,000	10.1	ND<0.005	ND<0.005	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT
Isopropylbenzene	500	1,000	132	ND<0.005	ND<0.005	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT
Naphthalene	1,000	2,500	56	0.38	ND<0.005	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT
n-Propylbenzene	500	1,000	14	ND<0.005	ND<0.005	NT	ND<0.005	ND<0.005	ND<0.005	NT	NT
1,1,1-Trichloroethane	500	1,000	40	ND<0.005	ND<0.005	NT	0.039	ND<0.005	0.023	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-R/ MW-F	TB-R/ MW-F	TB-S	TB-S	TB-S	TB-S	TB-T	TB-T
Depth Below Grade (ft.)				(5-7)	(10-12)	(0-1)	(2-3.3)	(5-7)	(10-12)	(0-2)	(2-4)
Total Metals											
Antimony	27	8,200	NA	3.6	NT	NT	NT	ND<2.0	NT	NT	NT
Arsenic	10	10	NA	60	43	23	50	19	19	2.7	4.0
Barium	4,700	140,000	NA	28	NT	NT	NT	33	NT	NT	NT
Beryllium	2	2	NA	ND<1.0	NT	NT	NT	ND<1.0	NT	NT	NT
Cadmium	34	1,000	NA	ND<1.0	NT	NT	NT	ND<1.0	NT	NT	NT
Chromium	100*	100*	NA	10	NT	NT	NT	10	NT	NT	NT
Copper	2,500	76,000	NA	75	NT	NT	NT	82	NT	NT	NT
Lead	500	1,000	NA	880	NT	NT	NT	62	NT	NT	NT
Mercury	20	610	NA	4.4	NT	NT	NT	0.21	NT	NT	NT
Nickel	1,400	7,500	NA	7.8	NT	NT	NT	16	NT	NT	NT
Selenium	340	10,000	NA	5.4	NT	NT	NT	1.3	NT	NT	NT
Zinc	20,000	610,000	NA	28	NT	NT	NT	80	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	NT	NT	ND<0.05	NT	NT	NT	ND<0.05
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	7,500	710	260	ND<50	480	860	ND<50	ND<50

Notes:
mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-T	TB-T	TB-U/ MW-G	TB-U/ MW-G	TB-U/ MW-G	TB-U/ MW-G	TB-V	TB-V
Depth Below Grade (ft.)				(5-7)	(10-12)	(1-3)	(3-5)	(5-7)	(10-12)	(0-2)	(2-4)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	0.76	ND<0.20	NT	NT	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	0.55	ND<0.20	NT	NT	NT	NT	NT
Anthracene	1,000	2,500	400	NT	1.6	ND<0.20	NT	NT	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	**5.7**	ND<0.20	NT	NT	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	**6.5**	ND<0.20	NT	NT	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	3.2	ND<0.20	NT	NT	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	**2.0**	ND<0.20	NT	NT	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	**4.8**	ND<0.20	NT	NT	NT	NT	NT
Chrysene	84	780	**1**	NT	**4.7**	ND<0.20	NT	NT	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	0.74	ND<0.20	NT	NT	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	13	ND<0.20	NT	NT	NT	NT	NT
Fluorene	1,000	2,500	56	NT	0.79	ND<0.20	NT	NT	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	**2.9**	ND<0.20	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	0.41	ND<0.20	NT	NT	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	4.7	ND<0.20	NT	NT	NT	NT	NT
Pyrene	1,000	2,500	**40**	NT	11	ND<0.20	NT	NT	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-T	TB-T	TB-U/ MW-G	TB-U/ MW-G	TB-U/ MW-G	TB-U/ MW-G	TB-V	TB-V
Depth Below Grade (ft.)				(5-7)	(10-12)	(1-3)	(3-5)	(5-7)	(10-12)	(0-2)	(2-4)
Total Metals											
Antimony	**27**	8,200	NA	NT	**38**	2.6	NT	NT	NT	NT	NT
Arsenic	**10**	**10**	NA	ND<2.0	3.5	**11**	10	7.1	5.0	ND<2.0	**29**
Barium	4,700	140,000	NA	NT	13	20	NT	NT	NT	NT	NT
Beryllium	**2**	**2**	NA	NT	ND<1.0	ND<1.0	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	NT	ND<1.0	ND<1.0	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	7.5	6.8	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	150	25	NT	NT	NT	NT	NT
Lead	**500**	1,000	NA	NT	57	11	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	1.8	ND<0.20	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	12	18	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	ND<1.0	1.4	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	70	15	NT	NT	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	NT	ND<0.05	NT	NT	NT	NT	0.065
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	**500**	**2,500**	**2,500**	ND<50	300	ND<50	NT	NT	NT	NT	NT

Notes:
mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
☐ = Concentration exceeds associated criterion.

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-V	TB-W/ MW-H	TB-W/ MW-H	TB-W/ MW-H	TB-W/ MW-H	TB-X	TB-X	TB-X
Depth Below Grade (ft.)				(5-6.8)	(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	NT	ND<0.20	NT	NT	NT	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	ND<0.20	NT	NT	NT	NT	NT
Anthracene	1,000	2,500	400	NT	NT	0.46	NT	NT	NT	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	**1.2**	NT	NT	NT	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	**1.6**	NT	NT	NT	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	0.79	NT	NT	NT	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	0.47	NT	NT	NT	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	1.0	NT	NT	NT	NT	NT
Chrysene	84	780	**1**	NT	NT	**1.2**	NT	NT	NT	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	0.21	NT	NT	NT	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	3.2	NT	NT	NT	NT	NT
Fluorene	1,000	2,500	56	NT	NT	ND<0.20	NT	NT	NT	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	0.67	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	ND<0.20	NT	NT	NT	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	1.4	NT	NT	NT	NT	NT
Pyrene	1,000	2,500	**40**	NT	NT	2.9	NT	NT	NT	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	0.035	ND<0.005	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	0.0092	ND<0.005	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	ND<0.005	ND<0.005	0.0061	ND<0.005	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	ND<0.005	ND<0.005	0.040	ND<0.005	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	ND<0.005	ND<0.005	0.037	ND<0.005	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	ND<0.005	ND<0.005	ND<0.005	ND<0.005	NT	NT	NT

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria QE/English Station, Central Portion, New Haven, CT Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-V	TB-W/ MW-H	TB-W/ MW-H	TB-W/ MW-H	TB-W/ MW-H	TB-X	TB-X	TB-X
Depth Below Grade (ft.)				(5-6.8)	(0-2)	(2-4)	(5-7)	(10-12)	(0-2)	(2-4)	(5-7)
Total Metals											
Antimony	27	8,200	NA	NT	NT	ND<2.0	NT	NT	NT	NT	NT
Arsenic	10	10	NA	3.3	2.7	6.9	3.4	5.8	ND<2.0	ND<2.0	ND<2.0
Barium	4,700	140,000	NA	NT	NT	31	NT	NT	NT	NT	NT
Beryllium	2	2	NA	NT	NT	ND<1.0	NT	NT	NT	NT	NT
Cadmium	34	1,000	NA	NT	NT	ND<1.0	NT	NT	NT	NT	NT
Chromium	100*	100*	NA	NT	NT	11	NT	NT	NT	NT	NT
Copper	2,500	76,000	NA	NT	NT	54	NT	NT	NT	NT	NT
Lead	500	1,000	NA	NT	NT	31	NT	NT	NT	NT	NT
Mercury	20	610	NA	NT	NT	1.0	NT	NT	NT	NT	NT
Nickel	1,400	7,500	NA	NT	NT	7.9	NT	NT	NT	NT	NT
Selenium	340	10,000	NA	NT	NT	1.1	NT	NT	NT	NT	NT
Zinc	20,000	610,000	NA	NT	NT	51	NT	NT	NT	NT	NT
SPLP Metals											
Arsenic	NA	NA	0.5	NT	NT	NT	NT	NT	ND<0.05	NT	NT
Barium	NA	NA	10	NT	NT	NT	NT	NT	NT	NT	NT
Zinc	NA	NA	50.0	NT	NT	NT	NT	NT	NT	NT	NT
Connecticut Extractable Total Petroleum Hydrocarbons (CTETPH)	500	2,500	2,500	NT	NT	270	NT	NT	2,800	NT	NT

Notes:

mg/kg = milligrams per kilogram.
ppm = Parts per million (comparable to mg/kg).
NA = Not applicable.
ND = Not detected above laboratory minimum detection limit.
NT = Not tested.
SPLP = Test performed on leachate from Synthetic Precipitation Leachate Procedure. Units are milligrams per liter (mg/L).
* = 100 mg/kg for hexavalent chromium.
□ = Concentration exceeds associated criterion.

Table 4

Comparison of Test Boring Soil Sample Analyte Concentrations to DEP Remediation Standard Regulations Numerical Criteria
QE/English Station, Central Portion, New Haven, CT
Sampling Dates: May 9, 10, 11, 14, and 15, 2001

Analyte	Direct Exposure Criteria for Soil (mg/kg)		Pollutant Mobility Criteria for Soil (mg/kg)	Soil Sample Concentrations (ppm)							
	Residential	Industrial/ Commercial	GB Area	TB-X	TB-Y	TB-Y	TB-Y	TB-Z/ MW-I	TB-Z/ MW-I	TB-Z/ MW-I	TB-Z/ MW-I
Depth Below Grade (ft.)				(7)	(0-2)	(2-4)	(5-7)	(0-2)	(2-4)	(5-7)	(10-12)
USEPA Method 8270 Polynuclear Aromatics											
Acenaphthene	1,000	2,500	84	NT	NT	NT	NT	NT	ND<0.20	NT	NT
Acenaphthylene	1,000	2,500	84	NT	NT	NT	NT	NT	ND<0.20	NT	NT
Anthracene	1,000	2,500	400	NT	NT	NT	NT	NT	ND<0.20	NT	NT
Benzo[a]anthracene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	0.67	NT	NT
Benzo[b]fluoranthene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	0.91	NT	NT
Benzo[g,h,i]perylene	1,000	2,500	42	NT	NT	NT	NT	NT	0.53	NT	NT
Benzo[k]fluoranthene	**8.4**	78	**1**	NT	NT	NT	NT	NT	0.32	NT	NT
Benzo[a]pyrene	**1**	**1**	**1**	NT	NT	NT	NT	NT	0.59	NT	NT
Chrysene	84	780	**1**	NT	NT	NT	NT	NT	0.62	NT	NT
Dibenz[a,h]anthracene	**1**	**1**	**1**	NT	NT	NT	NT	NT	ND<0.20	NT	NT
Fluoranthene	1,000	2,500	**56**	NT	NT	NT	NT	NT	1.3	NT	NT
Fluorene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.20	NT	NT
Indeno[1,2,3-cd]pyrene	**1**	**7.8**	**1**	NT	NT	NT	NT	NT	0.40	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	ND<0.20	NT	NT
Phenanthrene	1,000	2,500	**40**	NT	NT	NT	NT	NT	0.64	NT	NT
Pyrene	1,000	2,500	**40**	NT	NT	NT	NT	NT	1.2	NT	NT
USEPA Method 8260 Volatile Organic Compounds (VOCs)											
sec-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
tert-Butylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1-Dichloroethane	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
Ethylbenzene	500	1,000	10.1	NT	NT	NT	NT	NT	NT	NT	NT
Isopropylbenzene	500	1,000	132	NT	NT	NT	NT	NT	NT	NT	NT
Naphthalene	1,000	2,500	56	NT	NT	NT	NT	NT	NT	NT	NT
n-Propylbenzene	500	1,000	14	NT	NT	NT	NT	NT	NT	NT	NT
1,1,1-Trichloroethane	500	1,000	40	NT	NT	NT	NT	NT	NT	NT	NT