

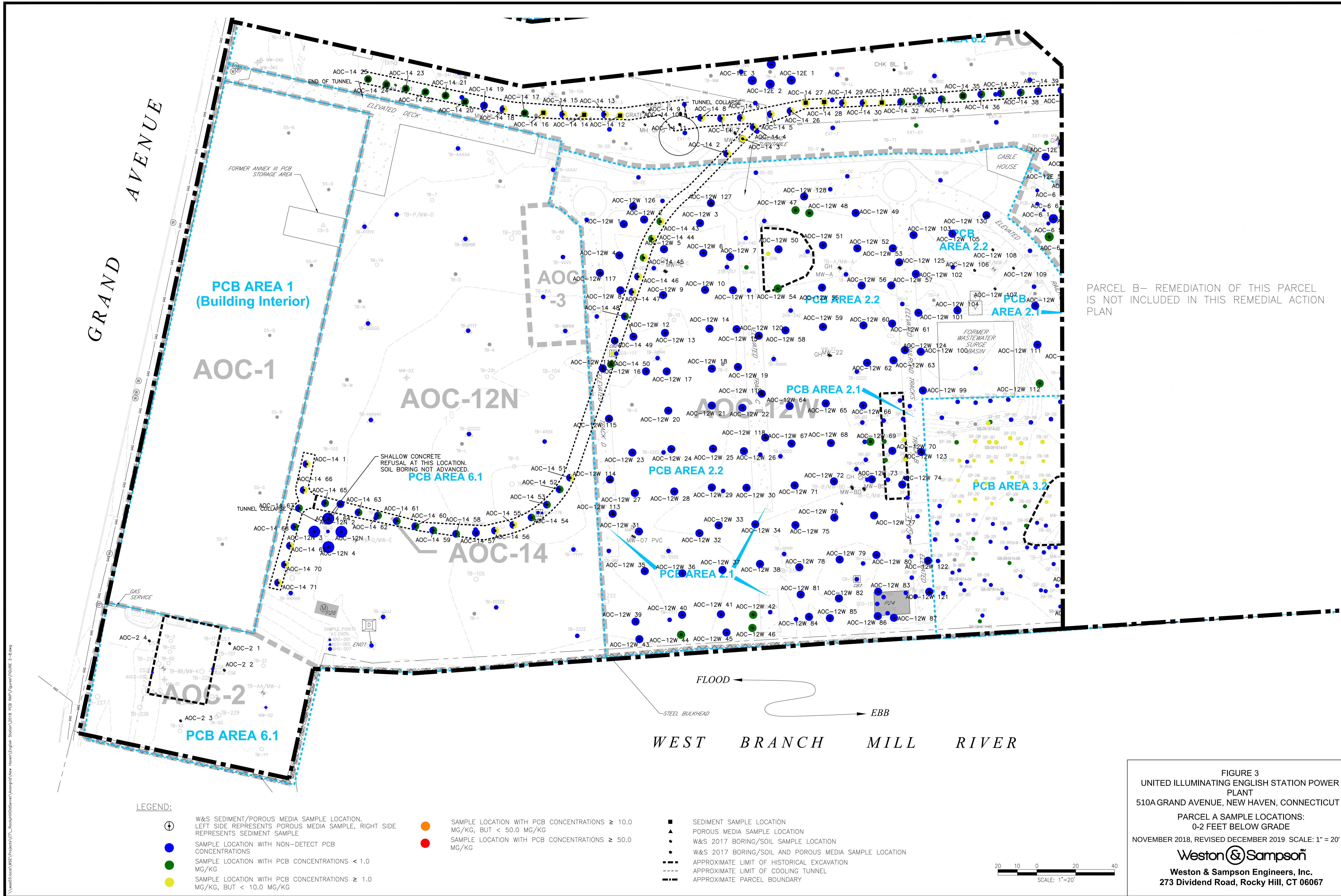
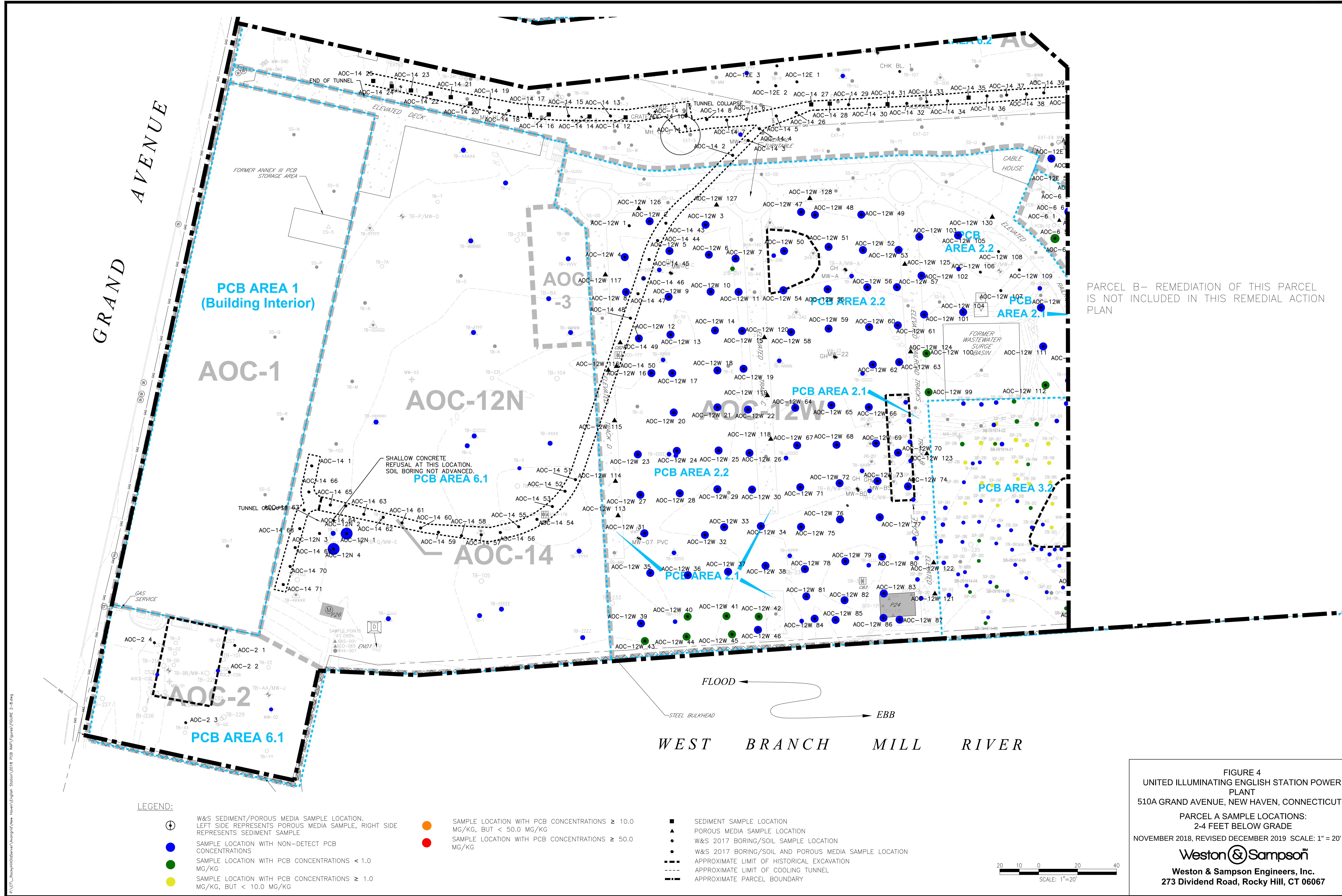
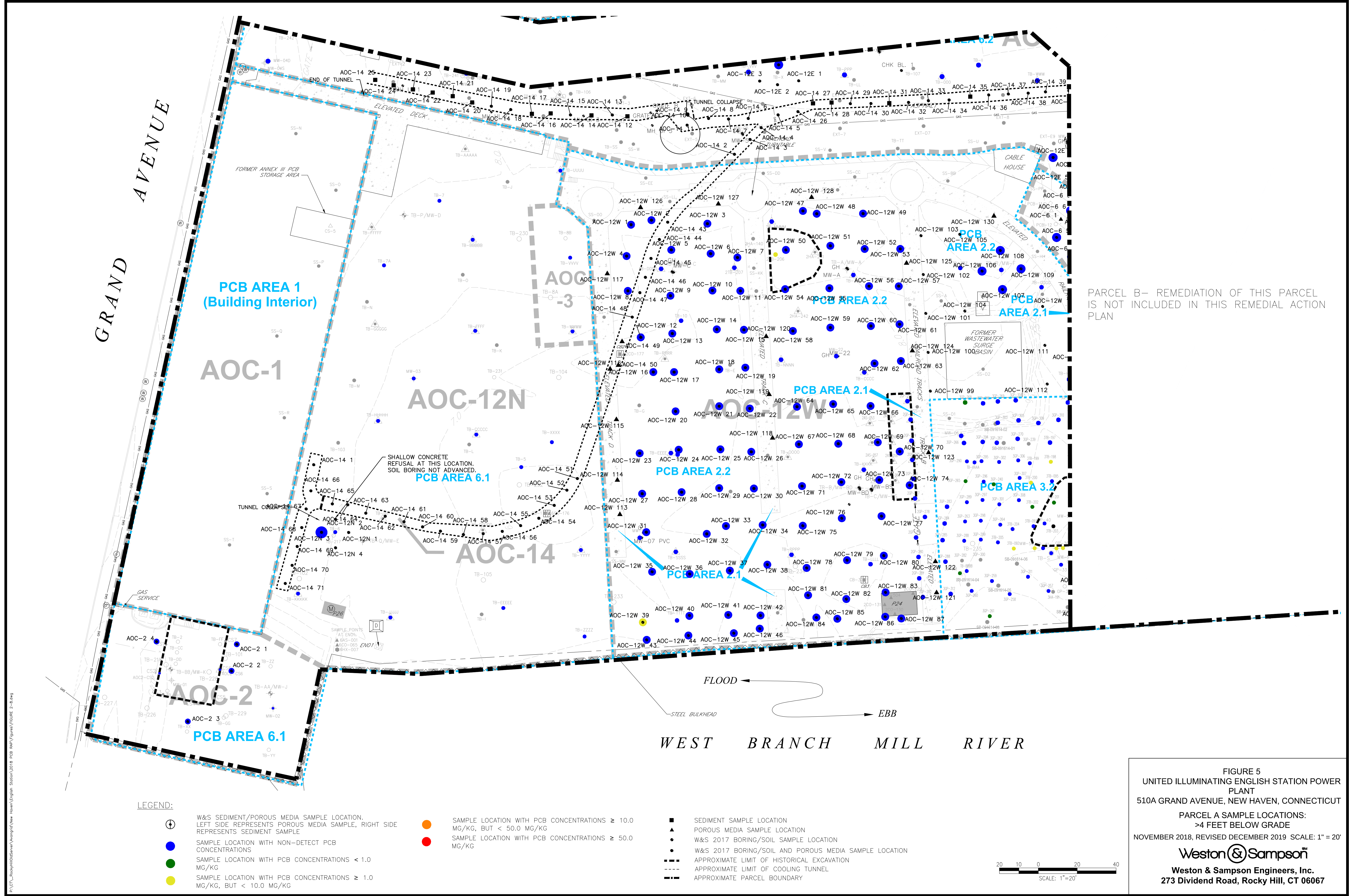
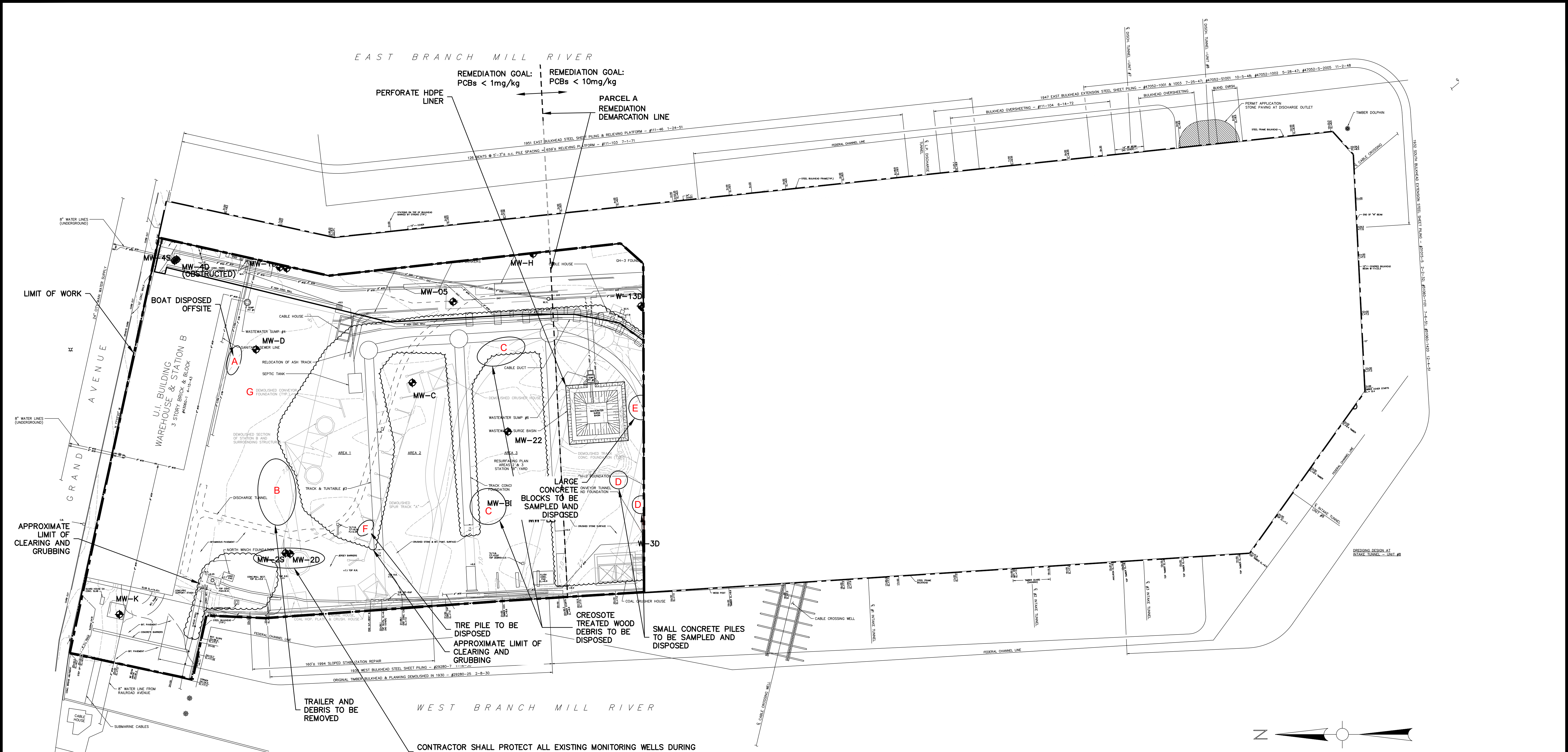


FIGURE 3
UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510A GRAND AVENUE, NEW HAVEN, CONNECTICUT
PARCEL A SAMPLE LOCATIONS:
0-2 FEET BELOW GRADE
NOVEMBER 2018, REVISED DECEMBER 2019 SCALE: 1" = 20'
Weston & Sampson
Weston & Sampson Engineers, Inc.
273 Dividend Road, Rocky Hill, CT 06067







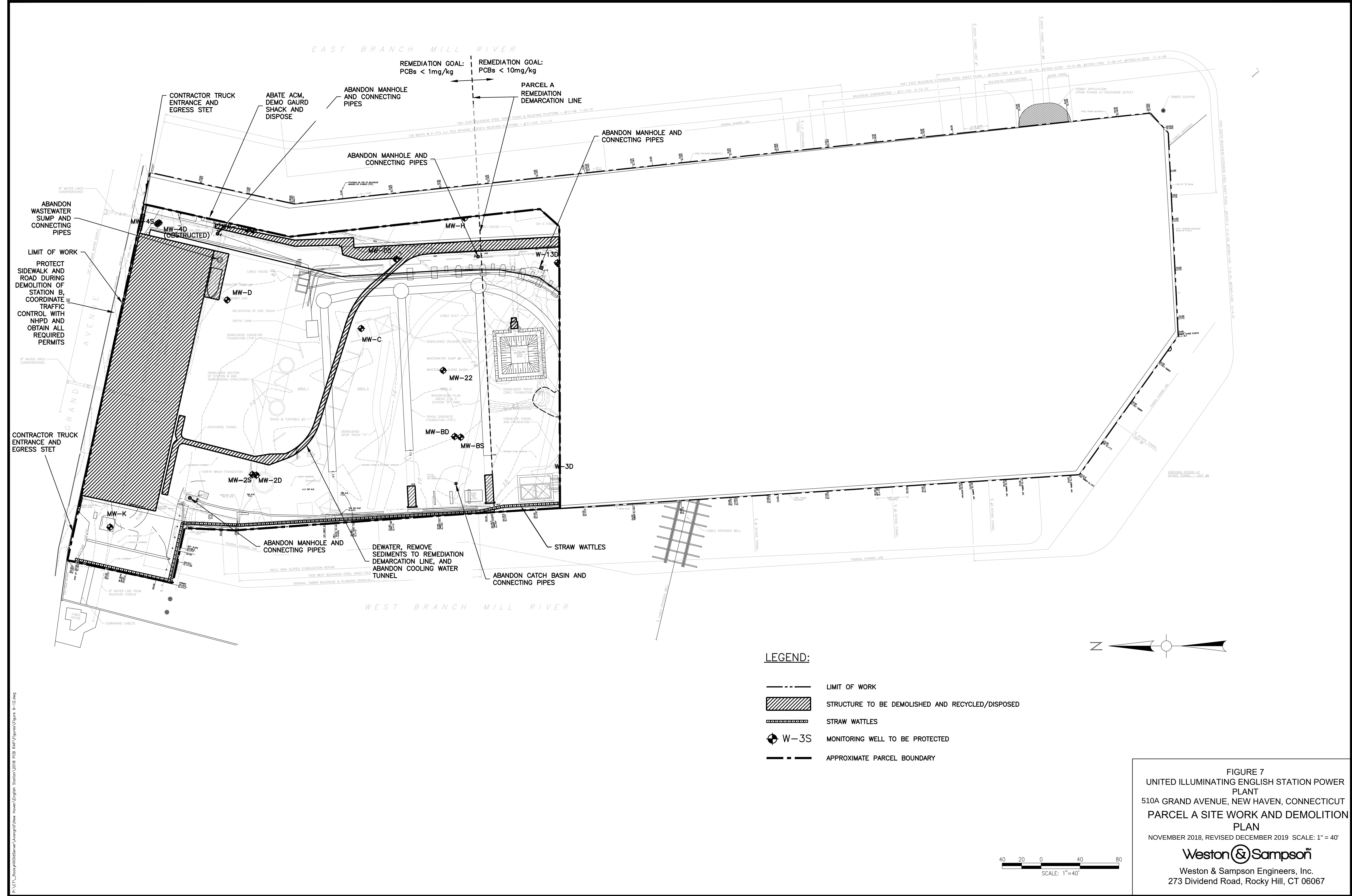
NOTES:

1. BASE MAP ADAPTED FROM PLAN TITLED "SITE HISTORICAL GENERAL PLAN" BY OCEAN AND COASTAL CONSULTANTS, INC. DATED FEBRUARY 5, 1998. TOPOGRAPHIC INFORMATION ADAPTED FROM GENERAL LOCATION SURVEY PLAN BY GODFREY-HOFFMAN ASSOCIATES, LLC. DATED JANUARY 4, 2002.

LEGEND:

- LIMIT OF WORK
- W-3S EXISTING MONITORING WELL
- - - - - APPROXIMATE PARCEL BOUNDARY

FIGURE 6
UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510A GRAND AVENUE, NEW HAVEN, CONNECTICUT
PARCEL A EXISTING CONDITIONS
PLAN AND SITE WORK
NOVEMBER 2018, REVISED DECEMBER 2019 SCALE: 1" = 40'
Weston & Sampson
Weston & Sampson Engineers, Inc.
273 Dividend Road, Rocky Hill, CT 06067



NOTES:

1. CONTACTOR SHALL OBTAIN GENERAL PERMIT TO DISCHARGE REMEDIATION GROUNDWATER TO SURFACE WATER AND INSTALL DEWATERING TREATMENT SYSTEM PRIOR TO PERFORMING EXCAVATION ACTIVITIES PER SPECIFICATION SECTION 02 23 19-DEWATERING AT A LOCATION APPROVED BY UNITED ILLUMINATING AND ENGINEER.

2. PRIOR TO PERFORMING EXCAVATION ACTIVITIES, THE CONTRACTOR SHALL STAKE-OUT ALL EXCAVATION AREAS IN THE FIELD FOR APPROVAL BY THE ENGINEER. ANY EXCAVATIONS BEYOND THE LIMITS OF WORK SHOWN MUST BE APPROVED BY THE ENGINEER. DURING THE COURSE OF THE WORK, THE CONTRACTOR SHALL MAINTAIN SOIL EXCAVATION AREA LIMITS/PERIMETER USING APPROPRIATE SURVEY INSTRUMENT LAYOUT TECHNIQUES, AS WELL AS ESTABLISH VERTICAL CONTROL POINT IN THE VICINITY OF THE SOIL EXCAVATION AREAS SUCH THAT DEPTHS OF EXCAVATION CAN BE READILY DETERMINED FROM INSTRUMENT SURVEY BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.

3. EXCAVATION AREAS SHOWN ON THIS PLAN ARE APPROXIMATE LIMITS, SOIL AND OTHER MATERIALS SHALL BE HANDLED AND DISPOSED IN ACCORDANCE WITH SPECIFICATION SECTION 02 61 00.16-HANDLING, TRANSPORTATION, AND DISPOSAL OF EXCAVATED MATERIALS AND ALL RELEVANT LOCAL, STATE, AND FEDERAL REGULATIONS. SEE LEGEND ON THIS SHEET FOR DIFFERENT DISPOSAL OPTIONS BASED ON PCB CONCENTRATIONS IN THE SOIL.

4. CONTAMINATED MATERIAL MAY BE ENCOUNTERED BEYOND THE LIMITS OF EXCAVATION IDENTIFIED ON THE DRAWING. THE CONTRACTOR MAY BE REQUIRED TO EXTEND EXCAVATION ACTIVITIES, AS REQUIRED BY UNITED ILLUMINATING, BASED ON CONFIRMATORY SAMPLE RESULTS. THE CONTRACTOR SHALL REMAIN RESPONSIBLE FOR EXCAVATION SUPPORT FOR THE EXTENDED AREA.

5. CONTACTOR SHALL NOT BACKFILL EXCAVATED AREAS UNTIL UNITED ILLUMINATING HAS RECEIVED AND APPROVED CONFIRMATORY SAMPLING RESULTS. ADDITIONAL EXCAVATION MAY BE REQUIRED BASED ON CONFIRMATORY SAMPLE RESULTS.

6. THE CONTRACTOR SHALL PRECHARACTERIZE THE PCB-IMPACTED SOILS FOR DISPOSAL.

7. DEBRIS WITHIN THE PCB-IMPACTED AREAS SHALL BE SIZED AS REQUIRED BY THE APPROVED DISPOSAL FACILITY AND DISPOSED OF WITH THE PCB-IMPACTED SOILS.

8. CONCRETE DEADMEN WITHIN THE PCB-IMPACTED AREA SHALL BE DECONTAMINATED. ONCE PCB-IMPACTED SOILS HAVE BEEN EXCAVATED AND CONFIRMATION SAMPLES INDICATE THAT PCBs ARE <1 MG/KG IN THE EXCAVATION AREA, EXPOSED CONCRETE SHALL BE DECONTAMINATED/DOUBLE WASH RINSED AS PER 40 CFR PART 761 SUBPART S, AND SAMPLED TO DETERMINE PCB CONCENTRATIONS. IF DETERMINED PCB CONCENTRATIONS ARE >1 MG/KG, THE CONCRETE WILL BE MARKED WITH AN ML SIGN AS PER 40 CFR PART 761 SUBPART C AND COVERED BY GEOTEXTILE FABRIC PRIOR TO BACKFILLING.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPORTING EXCAVATIONS AS PER SPECIFICATION SECTION 02 50 00-SUPPORT OF EXCAVATION.

10. ALL EXCAVATIONS >4 FT. WILL REQUIRE TEMPORARY SHEETING, THE DEPTH OF SHEETING SHALL BE A MINIMUM OF TWO TIMES THE DEPTH OF EXCAVATION, IF NOT OBSTRUCTED BY SUBSURFACE STRUCTURES. SIDE SLOPING AS PER SPECIFICATION SECTION 02 50 00-SUPPORT OF EXCAVATION MAY BE USED.

11. ALL MATERIALS THAT COME INTO CONTACT WITH PCB-CONTAMINATED SOIL AND GROUNDWATER MUST BE DECONTAMINATED IN ACCORDANCE WITH THE SPECIFICATIONS.

12. WETTING AND MISTING OF SOILS WILL BE REQUIRED TO CONTROL FUGITIVE DUST AND THE ENGINEER SHALL HAVE AUTHORITY TO REQUIRE WATER APPLICATION AND WORK STOPPAGE IF MEASURES ARE INADEQUATE. SEE DUST CONTROL AND AIR MONITORING SPECIFICATION 01 14 19.16 FOR MORE DETAIL.

13. THE CONTRACTOR SHALL INSTALL WASTE STORAGE AREAS FOR SOIL WITH PCBs GREATER THAN EQUAL TO 50 MG/KG AND SOILS WITH PCBs >1 MG/KG BUT <50 MG/KG. THE EXACT LOCATIONS WILL BE PRESENTED IN THE CONTRACTOR'S EXCAVATED MATERIALS MANAGEMENT PLAN (EMMP) AND APPROVED BY THE ENGINEER AND UNITED ILLUMINATING. PCB-IMPACTED SOILS ABOVE THE GROUNDWATER TABLE SHALL BE DIRECT LOADED FROM THE EXCAVATION AREAS IF POSSIBLE. PCB-IMPACTED SOILS FROM BELOW THE GROUNDWATER TABLE SHALL BE DEWATERED, EXCAVATED, AND PLACED IN WATER-TIGHT CONTAINERS/ROLL-OFFS AND STORED WITHIN THE WASTE STORAGE AREAS. AT A MINIMUM, THE WASTE STORAGE AREAS SHALL ALSO HAVE TWO LAYERS OF POLYETHYLENE SHEETING AND BERMED AT THE EDGES TO PREVENT CROSS-CONTAMINATION. SEE SPECIFICATION SECTION 02 61 00.16- HANDLING, TRANSPORTATION, AND OFF-SITE DISPOSAL OF EXCAVATED MATERIALS FOR ADDITIONAL INFORMATION.

14. FOR EXCAVATION BELOW THE GROUNDWATER TABLE, THE EXCAVATION SHALL BE DEWATERED PER SPECIFICATION SECTION 02 23 19-DEWATERING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT "WET SOILS" (I.E. SOILS THAT WOULD FAIL A PAINT FILTER TEST) ARE NOT LOADED FOR TRANSPORT OFF-SITE. IF SOILS ARE STILL "WET" FOLLOWING DEWATERING, THE CONTRACTOR SHALL TEST REMAINING WATER. IF WATER CONCENTRATIONS ARE <0.5 UG/L, THE CONTRACTOR SHALL MIX IN A DRYING AGENT APPROVED BY THE ENGINEER, AT NO MORE THAN 20% OF THE "WET SOILS" VOLUME. IF WATER CONCENTRATION ARE >0.5 UG/L, THE CONTRACTOR SHALL PERFORM ADDITIONAL DEWATERING OF THE "WET SOILS" UNTIL THEY WOULD PASS A PAINT FILTER TEST BEFORE ADDING DRYING AGENT. THE CONTRACTOR SHALL TREAT ADDITIONAL DEWATERING EFFLUENT IN THE DEWATERING EFFLUENT TREATMENT SYSTEM FOR DECONTAMINATION.

15. SOILS FROM THE ADJOINING PARCEL B THAT CONTAIN PCBs SHALL BE STORED IN TEMPORARY WASTE STORAGE AREAS ON PARCEL A PRIOR TO SHIPPING FOR OFF-SITE DISPOSAL.

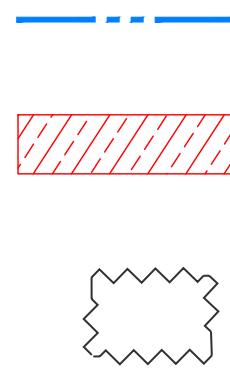
LIMIT OF WORK

APPROXIMATE LOCATION OF WASTE STORAGE AREA FOR SOILS WITH PCBs 1 TO <50 MG/KG. EXACT LOCATION TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER. SEE NOTE 13.

APPROXIMATE LOCATION OF WASTE STORAGE AREA FOR SOILS WITH PCBs ≥ 50 MG/KG. EXACT LOCATION TO BE DETERMINED IN THE FIELD AND APPROVED BY THE ENGINEER. SEE NOTE 13.

5' EXCAVATION AREA FOR SOIL GREATER THAN 50 MG/KG PCBs DETAILED IN PARCEL B PARTIAL PCB SOIL RAP. REFERENCE PARCEL B PARTIAL PCB SOIL RAP FOR MORE DETAILS.

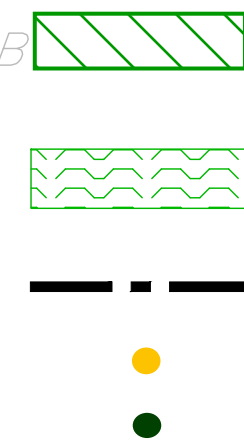
LEGEND:



LIMITS OF WORK

PCB-IMPACTED SOILS > 50 MG/KG TO BE EXCAVATED AND DISPOSED OFF-SITE PER SPECIFICATION SECTION 02 61 00.16 - HANDLING, TRANSPORTATION, AND OFF-SITE DISPOSAL OF EXCAVATED MATERIALS

ANTICIPATED LOCATIONS OF SHEET PILE INSTALLATION



SOIL HAVING PCB CONCENTRATIONS >1 MG/KG AND <10 MG/KG WILL BE RENDERED INACCESSIBLE (COVERED) WITH 4 FEET OF CLEAN BACKFILL MATERIAL

PCB-IMPACTED SOILS <10 MG/KG TO BE EXCAVATED AND DISPOSED OFF-SITE PER SPECIFICATION SECTION 02 61 00.16 - HANDLING, TRANSPORTATION, AND OFF-SITE DISPOSAL OF EXCAVATED MATERIALS

APPROXIMATE PARCEL BOUNDARY

SOIL BORING LOCATION WITH PCBs >1 MG/KG BUT <10 MG/KG

SOIL BORING LOCATION WITH PCBs <1 MG/KG

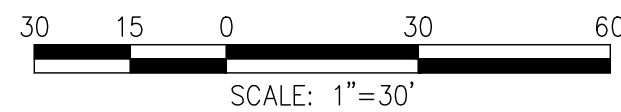
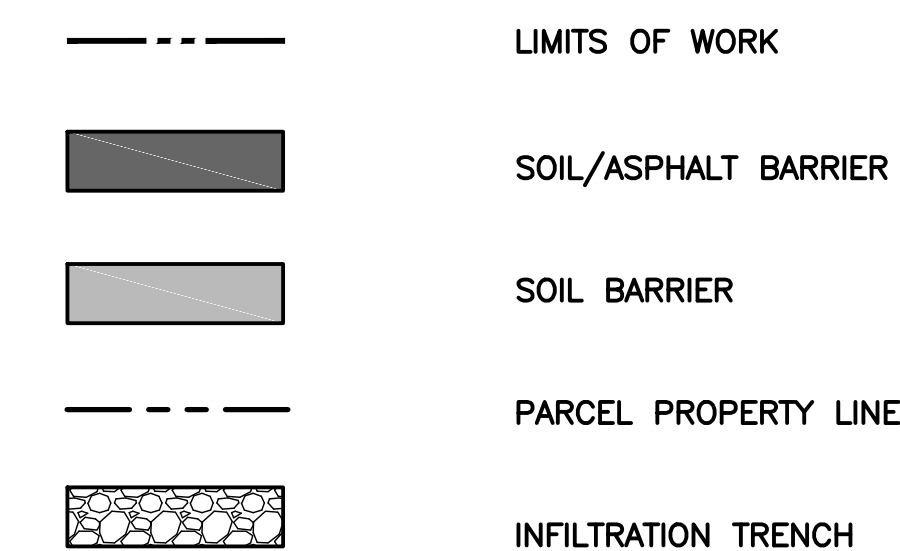
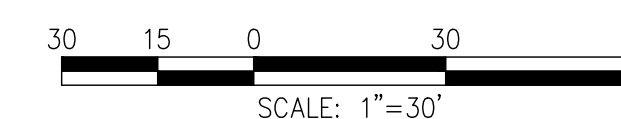


FIGURE 8
UNITED ILLUMINATING ENGLISH STATION POWER PLANT
510A GRAND AVENUE, NEW HAVEN, CONNECTICUT
PARCEL A PCB SOIL REMEDIATION AREAS
NOVEMBER 2018, REVISED DECEMBER 2019 SCALE: 1" = 30'

Weston & Sampson
Weston & Sampson Engineers, Inc.
273 Dividend Road, Rocky Hill, CT 06067



Weston & Sampson Engineers, Inc.
273 Dividend Road, Rocky Hill, CT 06067



TABLES

Table 1
AOC-2 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	APPLICABLE REMEDIAL CRITERIA ¹		WS-AOC2-SO-1-1	WS-AOC-SO-DUP-46	WS-AOC2-SO-1-1R	WS-AOC2-SO-1-2	WS-AOC2-SO-2-1	WS-AOC2-SO-DUP-45	WS-AOC2-SO-2-2	WS-AOC2-SO-3-1	WS-AOC2-SO-3-2	WS-AOC2-SO-4-1	WS-AOC2-SO-4-2
SAMPLE DEPTH (ft bgs)			(7.0'-8.5')	(7.0'-8.5')	(7.0'-8.5')	(13.0'-14.0')	(7.0'-8.5')	(7.0'-8.5')	(13.0'-14.0')	(7.0'-8.5')	(13.0'-14.0')	(7.0'-8.5')	(13.0'-14.0')
DATE SAMPLED			8/3/17	8/3/17	9/18/17	8/3/17	8/3/17	8/3/17	8/3/17	8/3/17	8/3/17	8/3/17	8/3/17
WORK ORDER NO.			17H0196	17H0196	17I0904	17H0196	17H0196	17H0196	17H0196	17H0196	17H0196	17H0196	17H0196
QA/QC IDENTIFIER	I/C DEC	GB PMC	PARENT	DUPLICATE			PARENT	DUPLICATE					
PARAMETER (Units)													
PCBs by EPA Methods 3540/8082 (mg/kg)													
PCB 1016	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1221	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1232	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1242	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1248	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1254	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB-1260	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB 1262	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
PCB 1268	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11
Total PCBs	10	--	<0.11	<0.11	NA	<0.12	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11

NOTES:
1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)
A/B labels indicate smaller subintervals for normal samples.

R = location depth was resampled
mg/kg = milligrams per kilogram
μg/l = micrograms per liter
< = compound not detected above laboratory reporting limit shown.
BOLD = compound detected at the concentration shown.
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria

EXCEEDS I/C DEC
EXCEEDS GB PMC
EXCEEDS I/C DEC AND GB PMC

Table 2
AOC-6 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDIATION STANDARD REGULATIONS ¹		WS-AOC6-CO-1	WS-AOC6-CO-2	WS-AOC6-CO-3	WS-AOC6-CO-4	WS-AOC6-SO-5-1	WS-AOC6-SO-5-2	WS-AOC6-SO-5-3	WS-AOC6-SO-5-4	WS-AOC6-SO-DUP-55	WS-AOC6-SO-6-1	WS-AOC6-SO-6-2	WS-AOC6-SO-6-3
SAMPLE DEPTH (ft bgs)			(0-0.5")	(0-0.5")	(0-0.5")	(0-0.5")	(0-0.5)	(0.5'-1.5)	(2.0'-3.0')	(5.0'-6.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')
DATE SAMPLED			8/24/2017	8/24/17	8/24/17	8/24/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17
WORK ORDER NO.			17H1359	17H1359	17H1359	17H1359	17I0317	17I0317	17I0319	17I0319	17I0321	17I0317	17I0317	17I0317
QA/QC IDENTIFIER	I/C DEC	GB PMC								PARENT	DUPLICATE			
PARAMETER (Units)														
PCBs by EPA Methods 3540/8082 (mg/kg)														
PCB 1016	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	<0.13	<0.086	<0.085
PCB-1221	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	<0.13	<0.086	<0.085
PCB-1232	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	<0.13	<0.086	<0.085
PCB-1242	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	<0.13	<0.086	<0.085
PCB-1248	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	<0.13	<0.086	<0.085
PCB-1254	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	0.14	<0.086	<0.085
PCB-1260	10	--	<0.084	<0.097	<0.078	<0.072	0.14	0.14	0.10	<0.094	<0.093	<0.13	0.12	<0.085
PCB 1262	10	--	<0.084	<0.097	<0.078	<0.072	<0.11	<0.088	<0.086	<0.094	<0.093	<0.13	<0.086	<0.085
PCB 1268	10	--	<0.084	<0.097	<0.078	<0.072	0.16	0.13	<0.086	<0.094	<0.093	<0.13	0.13	<0.085
Total PCBs	10	--	<0.084	<0.097	<0.078	<0.072	0.3	0.27	0.10	<0.094	<0.093	0.14	0.25	<0.085
SPLP PCBs by EPA Methods 1312/8082 (ug/L)														
PCB 1016	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1262	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1268	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)

A/B labels indicate smaller subintervals for normal samples.

R = location depth resampled.

mg/kg = milligrams per kilogram

µg/l = micrograms per liter

< = compound not detected above laboratory reporting limit, shown.

BOLD = compound detected at that concentration.

NA = Not Analyzed

GB PMC = GB Pollutant Mobility Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

-- = Not Applicable

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 2
AOC-6 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDIATION STANDARD REGULATIONS ¹		WS-AOC6-SO-6-4	WS-AOC6-SO-7-1	WS-AOC6-SO-7-2	WS-AOC6-SO-7-3	WS-AOC6-SO-7-4	WS-AOC6-SO-8-1	WS-AOC6-SO-8-2	WS-AOC6-SO-8-3	WS-AOC6-SO-8-4	WS-AOC6-SO-9-1	WS-AOC6-SO-9-2	WS-AOC6-SO-9-3
SAMPLE DEPTH (ft bgs)			(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')
DATE SAMPLED			9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17
WORK ORDER NO.			1710317	1710319	1710319	1710319	1710319	1710319	1710319	1710319	1710319	1710320	1710320	1710320
QA/QC IDENTIFIER	I/C DEC	GB PMC												
PARAMETER (Units)														
PCBs by EPA Methods 3540/8082 (mg/kg)														
PCB 1016	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB-1221	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB-1232	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB-1242	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB-1248	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB-1254	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB-1260	10	--	<0.095	0.10	0.22	<0.090	<0.090	0.31	<0.094	<0.082	<0.096	0.10	<0.093	<0.092
PCB 1262	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	<0.12	<0.094	<0.082	<0.096	<0.089	<0.093	<0.092
PCB 1268	10	--	<0.095	<0.094	<0.089	<0.090	<0.090	0.28	<0.094	<0.082	<0.096	0.20	<0.093	<0.092
Total PCBs	10	--	<0.095	0.10	0.22	<0.090	<0.090	0.59	<0.094	<0.082	<0.096	0.30	<0.093	<0.092
SPLP PCBs by EPA Methods 1312/8082 (ug/L)														
PCB 1016	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1262	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1268	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)

A/B labels indicate smaller subintervals for normal samples.

R = location depth resampled.

mg/kg = milligrams per kilogram

µg/l = micrograms per liter

< = compound not detected above laboratory reporting limit, shown.

BOLD = compound detected at that concentration.

NA = Not Analyzed

GB PMC = GB Pollutant Mobility Criteria

I/C DEC = Industrial/Commercial Direct Exposure Criteria

-- = Not Applicable

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 2
AOC-6 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDIATION STANDARD REGULATIONS ¹		WS-AOC6-SO-9-4	WS-AOC6-SO-10-1	WS-AOC6-SO-10-2	WS-AOC6-SO-10-3	WS-AOC6-SO-10-4	WS-AOC6-SO-DUP-58	WS-AOC6-SO-11-1	WS-AOC6-SO-11-2	WS-AOC6-SO-11-3	WS-AOC6-SO-11-4	WS-AOC6-SO-12-1	WS-AOC6-SO-12-2
SAMPLE DEPTH (ft bgs)			(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')
DATE SAMPLED			9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17
WORK ORDER NO.			1710320	1710320	1710320	1710320	1710320	1710321	1710317	1710317	1710317	1710317	1710317	1710317
QA/QC IDENTIFIER	I/C DEC	GB PMC					PARENT	DUPLICATE						
PARAMETER (Units)														
PCBs by EPA Methods 3540/8082 (mg/kg)														
PCB 1016	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB-1221	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB-1232	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB-1242	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB-1248	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB-1254	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB-1260	10	--	<0.086	0.34	<0.095	<0.086	<0.10	<0.096	0.18	<0.093	<0.089	<0.090	0.78	<0.088
PCB 1262	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	<0.091	<0.093	<0.089	<0.090	<0.43	<0.088
PCB 1268	10	--	<0.086	<0.12	<0.095	<0.086	<0.10	<0.096	0.15	<0.093	<0.089	<0.090	2.7	<0.088
Total PCBs	10	--	<0.086	0.34	<0.095	<0.086	<0.10	<0.096	0.33	<0.093	<0.089	<0.090	3.48	<0.088
SPLP PCBs by EPA Methods 1312/8082 (ug/L)														
PCB 1016	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB-1221	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB-1232	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB-1242	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB-1248	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB-1254	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB-1260	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB 1262	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
PCB 1268	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA
Total PCBs	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA

NOTES:
1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)
A/B labels indicate smaller subintervals for normal samples.

R = location depth resampled.
mg/kg = milligrams per kilogram
µg/l = micrograms per liter
< = compound not detected above laboratory reporting limit, shown.
BOLD = compound detected at that concentration.
NA = Not Analyzed
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
-- = Not Applicable

EXCEEDS I/C DEC
EXCEEDS GB PMC
EXCEEDS I/C DEC AND GB PMC

Table 2
AOC-6 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDICATION STANDARD REGULATIONS ¹		WS-AOC6-SO-12-3	WS-AOC6-SO-DUP-54	WS-AOC6-SO-12-4	WS-AOC6-SO-13-1	WS-AOC6-SO-13-2	WS-AOC6-SO-13-3	WS-AOC6-SO-13-4	WS-AOC6-SO-DUP-56	WS-AOC6-SO-14-1	WS-AOC6-SO-14-2	WS-AOC6-SO-14-3	WS-AOC6-SO-14-4
SAMPLE DEPTH (ft bgs)			(2.0'-3.0')	(2.0'-3.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')
DATE SAMPLED			9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17
WORK ORDER NO.			1710317	1710321	1710317	1710319	1710319	1710319	1710319	1710321	1710320	1710320	1710320	1710320
QA/QC IDENTIFIER	I/C DEC	GB PMC	PARENT	DUPLICATE					PARENT	DUPLICATE				
PARAMETER (Units)														
PCBs by EPA Methods 3540/8082 (mg/kg)														
PCB 1016	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
PCB-1221	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
PCB-1232	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
PCB-1242	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
PCB-1248	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	0.90	0.38	<0.11	<0.098
PCB-1254	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
PCB-1260	10	--	<0.088	<0.086	<0.10	2.3	<0.088	<0.099	<0.11	<0.083	0.98	1.4	<0.11	<0.098
PCB 1262	10	--	<0.088	<0.086	<0.10	<0.87	<0.088	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
PCB 1268	10	--	<0.088	<0.086	0.13	9.6	0.13	<0.099	<0.11	<0.083	<0.17	<0.16	<0.11	<0.098
Total PCBs	10	--	<0.088	<0.086	0.13	11.9	0.13	<0.099	<0.11	<0.083	1.88	1.78	<0.11	<0.098
SPLP PCBs by EPA Methods 1312/8082 (ug/L)														
PCB 1016	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1262	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1268	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	--	5	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:

1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)

A/B labels indicate smaller subintervals for normal samples.

R = location depth resampled.

mg/kg = milligrams per kilogram

µg/l = micrograms per liter

< = compound not detected above laboratory reporting limit, shown.

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-- = Not Applicable

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 2
AOC-6 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC6-SO-15-1	WS-AOC6-SO-15-2	WS-AOC6-SO-15-3	WS-AOC6-SO-15-4	WS-AOC6-SO-16-1	WS-AOC6-SO-16-2	WS-AOC6-SO-16-3	WS-AOC6-SO-16-4	WS-AOC6-SO-17-1	WS-AOC6-SO-17-2	WS-AOC6-SO-17-3	WS-AOC6-SO-17-4
SAMPLE DEPTH (ft bgs)			(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')	(0-0.5')	(0.5'-1.5')	(2.0'-3.0')	(5.0'-6.0')
DATE SAMPLED			9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17	9/8/17
WORK ORDER NO.			1710320	1710320	1710320	1710320	1710319	1710319	1710320	1710320	1710319	1710319	1710319	1710319
QA/QC IDENTIFIER	I/C DEC	GB PMC												PARENT
PARAMETER (Units)														
PCBs by EPA Methods 3540/8082 (mg/kg)														
PCB 1016	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	<0.085	<0.087	<0.093	<0.091
PCB-1221	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	<0.085	<0.087	<0.093	<0.091
PCB-1232	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	<0.085	<0.087	<0.093	<0.091
PCB-1242	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	<0.085	<0.087	<0.093	<0.091
PCB-1248	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	0.35	<0.087	<0.093	<0.091
PCB-1254	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	<0.085	<0.087	<0.093	<0.091
PCB-1260	10	--	2.9	0.51	<0.099	<0.087	0.16	<0.093	<0.097	<0.098	0.17	0.20	<0.093	<0.091
PCB 1262	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	<0.085	<0.087	<0.093	<0.091
PCB 1268	10	--	<0.46	<0.10	<0.099	<0.087	<0.089	<0.093	<0.097	<0.098	0.13	<0.087	<0.093	<0.091
Total PCBs	10	--	2.9	0.51	<0.099	<0.087	0.16	<0.093	<0.097	<0.098	0.65	0.2	<0.093	<0.091
SPLP PCBs by EPA Methods 1312/8082 (ug/L)														
PCB 1016	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1262	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB 1268	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total PCBs	--	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

NOTES:
1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)
A/B labels indicate smaller subintervals for normal samples.

R = location depth resampled.
mg/kg = milligrams per kilogram
µg/l = micrograms per liter
< = compound not detected above laboratory reporting limit, shown.
BOLD = compound detected at that concentration.
NA = Not Analyzed
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
-- = Not Applicable

EXCEEDS I/C DEC
EXCEEDS GB PMC
EXCEEDS I/C DEC AND GB PMC

Table 2
AOC-6 Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC6-SO-DUP-57
SAMPLE DEPTH (ft bgs)			(5.0-6.0)
DATE SAMPLED			9/8/17
WORK ORDER NO.			1710321
QA/QC IDENTIFIER	I/C DEC	GB PMC	DUPLICATE
PARAMETER (Units)			
PCBs by EPA Methods 3540/8082 (mg/kg)			
PCB 1016	10	--	<0.092
PCB-1221	10	--	<0.092
PCB-1232	10	--	<0.092
PCB-1242	10	--	<0.092
PCB-1248	10	--	<0.092
PCB-1254	10	--	<0.092
PCB-1260	10	--	<0.092
PCB 1262	10	--	<0.092
PCB 1268	10	--	<0.092
Total PCBs	10	--	<0.092
SPLP PCBs by EPA Methods 1312/8082 (ug/L)			
PCB 1016	--	5	NA
PCB-1221	--	5	NA
PCB-1232	--	5	NA
PCB-1242	--	5	NA
PCB-1248	--	5	NA
PCB-1254	--	5	NA
PCB-1260	--	5	NA
PCB 1262	--	5	NA
PCB 1268	--	5	NA
Total PCBs	--	5	NA

NOTES:
1. Analytical results compared to applicable remedial criteria from Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013)
A/B labels indicate smaller subintervals for normal samples.

R = location depth resampled.
mg/kg = milligrams per kilogram
µg/l = micrograms per liter
< = compound not detected above laboratory reporting limit, shown.
BOLD = compound detected at that concentration.
NA = Not Analyzed
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria
-- = Not Applicable

EXCEEDS I/C DEC
EXCEEDS GB PMC
EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC-12E-AS-1	WS-AOC12E-SO-1-1	WS-AOC12E-SO-1-2	WS-AOC-12E-AS-2	WS-AOC12E-SO-2-1	WS-AOC12E-SO-2-2	WS-AOC-12E-AS-3	WS-AOC12E-SO-3-1	WS-AOC12E-SO-3-2
SAMPLE DEPTH (ft bgs)			(0-0.5")	(0.5'-1.5')	(5.0'-6.0')	(0-0.5")	(0.5'-1.5')	(5.0'-6.0')	(0-0.5")	(0.5'-1.5')	(5.0'-6.0')
DATE SAMPLED			8/3/17	7/21/17	7/21/17	8/3/17	7/21/17	7/21/17	8/3/17	7/21/17	7/21/17
WORK ORDER NO.			17H0197	17G0911	17G0911	17H0197	17G0911	17G0911	17H0197	17G0911	17G0911
QA/QC IDENTIFIER	I/C DEC	GB PMC									
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB-1221	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB-1232	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB-1242	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB-1248	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB-1254	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB-1260	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB 1262	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
PCB 1268	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11
Total PCBs	10	--	<0.99	<0.11	<0.12	<0.92	<0.11	<0.11	<0.96	<0.11	<0.11

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

A/B labels indicate smaller subintervals for normal samples.

R = location depth was resampled.
mg/kg = milligrams per kilogram
μg/l = micrograms per liter
< = compound not detected above laboratory reporting limit shown.
BOLD = compound detected at the concentration shown.
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC-12E-AS-4	WS-AOC12E-SO-4-1	WS-AOC12E-SO-4-2	WS-AOC12E-SO-DUP-17	WS-AOC12E-CO-5	WS-AOC12E-CO-DUP-18	WS-AOC12E-SO-5-1	WS-AOC12E-SO-5-2	WS-AOC-12E-AS-6
SAMPLE DEPTH (ft bgs)			(0-0.5")	(0-1.0')	(5.0'-6.0')	(5.0'-6.0')	(0-0.5")	(0-0.5")	(3.0'-3.5')	(5.0'-6.0')	(0-0.5")
DATE SAMPLED			8/3/17	7/21/17	7/21/17	7/21/17	8/24/17	8/24/17	9/5/17	9/5/17	8/2/17
WORK ORDER NO.			17H0197	17G0911	17G0911	17G0913	17H1359	17H1359	17I0112	17I0112	17H0114
QA/QC IDENTIFIER	I/C DEC	GB PMC			PARENT	DUPLICATE	PARENT	DUPLICATE			
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB-1221	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB-1232	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB-1242	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB-1248	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB-1254	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB-1260	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB 1262	10	--	<1.0	<0.11	<0.13	<0.12	<0.074	<0.082	<0.098	<0.096	<0.46
PCB 1268	10	--	<1.0	<0.11	<0.13	<0.12	0.47	0.40	<0.098	<0.096	<0.46
Total PCBs	10	--	<1.0	<0.11	<0.13	<0.12	0.47	0.40	<0.098	<0.096	<0.46

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

A/B labels indicate smaller subintervals for normal samples.

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μg/l = micrograms per liter
< = compound not detected above laboratory reporting limit shown.
BOLD = compound detected at the concentration shown.
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I/C DEC = Industrial/Commercial Direct Exposure Criteria

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC12E-SO-6-1A	WS-AOC12E-SO-6-1B	WS-AOC12E-SO-6-2	WS-AOC12E-SO-6-3	WS-AOC-12E-AS-7	WS-AOC12E-SO-7-1	WS-AOC12E-SO-7-2	WS-AOC12E-SO-DUP-24	WS-AOC12E-SO-7-3
SAMPLE DEPTH (ft bgs)			(0.5'-1.0')	(1.0'-1.5')	(2.0'-2.5')	(5.0'-5.5')	(0-0.5')	(0.5'-1.0')	(1.5'-2.0')	(1.5'-2.0')	(5.0'-5.5')
DATE SAMPLED			7/25/17	7/25/17	7/25/17	7/25/17	8/2/17	7/25/17	7/25/17	7/25/17	7/25/17
WORK ORDER NO.			17G1169	17G1169	17G1169	17G1169	17H0114	17G1077	17G1077	17G1079	17G1077
QA/QC IDENTIFIER	I/C DEC	GB PMC							PARENT	DUPLICATE	
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB-1221	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB-1232	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB-1242	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB-1248	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB-1254	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB-1260	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB 1262	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
PCB 1268	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14
Total PCBs	10	--	<0.11	NA	<0.12	<0.12	<0.46	<0.11	<0.12	<0.11	<0.14

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

A/B labels indicate smaller subintervals for normal samples.

R = location depth was resampled.
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μg/l = micrograms per liter
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BOLD = compound detected at the concentration shown.
GB PMC = GB Pollutant Mobility Criteria
I/C DEC = Industrial/Commercial Direct Exposure Criteria

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC-12E-AS-8	WS-AOC12E-SO-8-1A	WS-AOC12E-SO-8-1B	WS-AOC12E-SO-8-2	WS-AOC12E-SO-8-3	WS-AOC-12E-AS-9	WS-AOC12E-SO-9-1	WS-AOC12E-SO-9-2	WS-AOC12E-SO-9-3
SAMPLE DEPTH (ft bgs)			(0-0.5")	(0.5'-1.0')	(1.0'-1.5')	(1.5'-2.0')	(5.0'-5.5')	(0-0.5")	(0.5'-1.0')	(1.5'-2.0')	(5.0'-5.5')
DATE SAMPLED			8/2/17	7/25/17	7/25/17	7/25/17	7/25/17	8/2/17	7/25/17	7/25/17	7/25/17
WORK ORDER NO.			17H0114	17G1077	17G1077	17G1077	17G1077	17H0114	17G1169	17G1169	17G1169
QA/QC IDENTIFIER	I/C DEC	GB PMC									
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB-1221	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB-1232	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB-1242	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB-1248	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB-1254	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB-1260	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB 1262	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
PCB 1268	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13
Total PCBs	10	--	<0.46	<0.11	NA	<0.13	<0.15	<0.47	<0.10	<0.11	<0.13

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

A/B labels indicate smaller subintervals for normal samples.

R = location depth was resampled.
mg/kg = milligrams per kilogram
μg/l = micrograms per liter
< = compound not detected above laboratory reporting limit shown.
BOLD = compound detected at the concentration shown.
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I/C DEC = Industrial/Commercial Direct Exposure Criteria

EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC-12E-AS-10	WS-AOC12E-SO-10-1	WS-AOC12E-SO-DUP-23	WS-AOC12E-SO-10-2	WS-AOC12E-SO-10-3	WS-AOC-12E-AS-11	WS-AOC12E-SO-11-1A	WS-AOC12E-SO-11-1B	WS-AOC12E-SO-11-2
SAMPLE DEPTH (ft bgs)			(0-0.5')	(1.0'-1.5')	(1.0'-1.5')	(2.0'-2.5')	(5.0'-5.0')	(0-0.5')	(1.0'-1.5')	(1.5'-2.0')	(2.5'-3.0')
DATE SAMPLED			8/2/17	7/25/17	7/25/17	7/25/17	7/25/17	8/2/17	7/25/17	7/25/17	7/25/17
WORK ORDER NO.			17H0114	17G1075	17G1079	17G1075	17G1077	17H0114	17G1075	17G1075	17G1075
QA/QC IDENTIFIER	I/C DEC	GB PMC		PARENT	DUPLICATE						
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB-1221	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB-1232	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB-1242	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB-1248	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB-1254	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB-1260	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB 1262	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
PCB 1268	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13
Total PCBs	10	--	<0.49	<0.12	<0.12	<0.12	<0.14	<0.44	<0.14	NA	<0.13

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

A/B labels indicate smaller subintervals for normal samples.

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EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC12E-SO-11-3	WS-AOC-12E-AS-12	WS-AOC12E-SO-12-1	WS-AOC12E-SO-12-2	WS-AOC12E-SO-12-3	WS-AOC-12E-AS-13	WS-AOC12E-SO-13-1A	WS-AOC12E-SO-13-1B	WS-AOC12E-SO-13-2
SAMPLE DEPTH (ft bgs)			(4.0'-4.5')	(0-0.5")	(0.5'-1.0')	(1.2'-2.0')	(5.0'-5.5')	(0-0.5")	(0.5'-1.0')	(1.0'-1.5')	(1.5'-2.0')
DATE SAMPLED			7/25/17	8/2/17	7/24/17	7/24/17	7/24/17	8/2/17	7/25/17	7/25/17	7/25/17
WORK ORDER NO.			17G1075	17H0114	17G0987	17G0987	17G0989	17H0114	17G1169	17G1169	17G1169
QA/QC IDENTIFIER	I/C DEC	GB PMC									
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB-1221	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB-1232	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB-1242	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB-1248	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB-1254	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB-1260	10	--	<0.12	<0.45	<0.10	<0.11	0.20	<0.50	<0.11	NA	<0.11
PCB 1262	10	--	<0.12	<0.45	<0.10	<0.11	<0.11	<0.50	<0.11	NA	<0.11
PCB 1268	10	--	<0.12	<0.45	<0.10	<0.11	0.19	<0.50	<0.11	NA	<0.11
Total PCBs	10	--	<0.12	<0.45	<0.10	<0.11	0.39	<0.50	<0.11	NA	<0.11

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

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mg/kg = milligrams per kilogram
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< = compound not detected above laboratory reporting limit shown.
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EXCEEDS I/C DEC

EXCEEDS GB PMC

EXCEEDS I/C DEC AND GB PMC

Table 3
AOC-12E Summary of PCB Analytical Results
English Station Parcel A PCB Remedial Action Plan
510A Grand Avenue, New Haven, Connecticut

SAMPLE LOCATION	REMEDATION STANDARD REGULATIONS ¹		WS-AOC12E-SO-13-3	WS-AOC-12E-AS-14	WS-AOC12E-SO-14-1	WS-AOC12E-SO-DUP-22	WS-AOC12E-SO-14-2	WS-AOC12E-SO-14-3	WS-AOC-12E-AS-15	WS-AOC-12E-AS-DUP-4	WS-AOC12E-SO-15-1
SAMPLE DEPTH (ft bgs)			(5.0'-5.5')	(0-0.5")	(1.0'-1.5')	(1.0'-1.5')	(2.0'-2.5')	(5.0'-5.5')	(0-0.5")	(0-0.5")	(1.0'-2.0')
DATE SAMPLED			7/25/17	8/2/17	7/25/17	7/25/17	7/25/17	7/25/17	8/2/17	8/2/17	7/25/17
WORK ORDER NO.			17G1169	17H0114	17G1074	17G1079	17G1074	17G1074	17H0114	17H0114	17G1075
QA/QC IDENTIFIER	I/C DEC	GB PMC			PARENT	DUPLICATE			PARENT	DUPLICATE	
PARAMETER (Units)											
PCBs by EPA Methods 3540/8082 (mg/kg)											
PCB 1016	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB-1221	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB-1232	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB-1242	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB-1248	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB-1254	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB-1260	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	0.14	<0.11
PCB 1262	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	<0.098	<0.11
PCB 1268	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	0.11	<0.11
Total PCBs	10	--	<0.12	<0.49	<0.11	<0.11	<0.15	<0.17	<0.45	0.25	<0.11

NOTES:
1. Analytical results compared to Connecticut Remediation Standard Regulations (January 1996; revised June 27, 2013).

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EXCEEDS I/C DEC
EXCEEDS GB PMC
EXCEEDS I/C DEC AND GB PMC