

LEGEND	
	SOIL BORING LOCATIONS WITH NO EXCEEDANCE FOR PCBs
	SOIL BORING LOCATION WITH EXCEEDANCE OF THE RDEC (1 MG/KG) FOR PCBs
	SOIL BORING LOCATION WITH EXCEEDANCE OF SEH (15 MG/KG) AND TSCA THRESHOLD FOR HAZARDOUS WASTE (50 MG/KG) FOR PCBs

NOTES	
1.	ALL SURFICIAL SOIL SAMPLES WERE COLLECTED 0 TO 3 INCHES BELOW GRASS COVER.
2.	FOR THE VERTICAL DELINEATION SOIL BORINGS ADVANCED AT THE PREVIOUS EXCEEDANCE LOCATIONS, SOIL SAMPLES WERE COLLECTED AT 1-FOOT INTERVALS TO 5 FEET BGS, AND THEN 5-FOOT INTERVALS THEREAFTER TO 15 FEET BGS OR SPOON REFUSAL.
3.	FOR THE HORIZONTAL DELINEATION SOIL BORINGS, SOIL SAMPLES WERE COLLECTED WERE COLLECTED 0 TO 3 INCHES BELOW GRASS COVER, AT 1-FOOT INTERVALS TO 5 FEET BGS, AND THEN 5-FOOT INTERVALS THEREAFTER TO 15 FEET BGS OR SPOON REFUSAL.
4.	THE TOXIC SUBSTANCES CONTROL ACT (TSCA) ADDRESSES THE PRODUCTION, IMPORTATION, USE, AND DISPOSAL OF SPECIFIC CHEMICALS INCLUDING POLYCHLORINATED BIPHENYLS (PCBS), ASBESTOS, RADON AND LEAD-BASED PAINT.
5.	* = PCB CONCENTRATION APPROACHES RDEC OF 1 MG/KG NECESSITATING DELINEATION
6.	MG/KG = MILLIGRAMS PER KILOGRAMS
7.	RDEC = RESIDENTIAL DIRECT EXPOSURE CRITERIA
8.	SEH = SIGNIFICANT ENVIRONMENTAL HAZARD (X15 RDEC)

Analyte	RDEC (mg/kg)	SEH (mg/kg)
Total PCBs	1	15



Sample ID	SS-28-N20-3"	SS-28-N20-2'
Total PCBs (mg/kg)	0.444	0.971

Sample ID	SS-28-W10-3"	SS-28-W10-2'
Total PCBs (mg/kg)	10.3	0.0586

Sample ID	SS-28-W20N10-3"
Total PCBs (mg/kg)	0.0424

Sample ID	SS-28-W30-3"
Total PCBs (mg/kg)	ND<0.0316

Sample ID	SS-28-N10-3"	SS-28-N10-2'	SS-28-N10-3'
Total PCBs (mg/kg)	1.25	3.7	0.348

Sample ID	SS-28	SS-28-1'	SS-28-2'
Total PCBs (mg/kg)	1.09	1.18	0.187

Sample ID	SS-28-E10-3"	SS-28-E10-1'
Total PCBs (mg/kg)	0.379	0.248

Sample ID	SS-31-N40-2'	SS-31-N40-3'	SS-31-N40-4'
Total PCBs (mg/kg)	7.67	1.22	0.084

Sample ID	LB-31-N40-SO7 (2')	LB-31-N40-SO7 (3')
Total PCBs (mg/kg)	4.92	3.58

Sample ID	LB-31-N40-SO5 (2')
Total PCBs (mg/kg)	1.29

Sample ID	LB-31-N30-SO2 (2')
Total PCBs (mg/kg)	1.29

Sample ID	LB-31-N30-SO1 (2')	LB-31-N30-SO1 (4')
Total PCBs (mg/kg)	1.5	ND<0.029

Sample ID	SS-31-N20W10-3"	SS-31-N20W10-2'
Total PCBs (mg/kg)	0.108	0.418

Sample ID	SS-31-W10-3"	SS-31-W10-2'
Total PCBs (mg/kg)	0.996*	0.116

Sample ID	SS-31-W20-3"	SS-31-W20-2'
Total PCBs (mg/kg)	0.25	0.22

Sample ID	SS-31-S10-3"	SS-31-S10-2'
Total PCBs (mg/kg)	8.8	0.0677

Sample ID	SS-31-S20W10-3"	SS-31-S20W10-2'
Total PCBs (mg/kg)	ND<0.0338	0.73

Sample ID	SS-31-S20-3"	SS-31-S20-2'	SS-31-S20-3'
Total PCBs (mg/kg)	1.22	1.23	ND<0.0266

Sample ID	SS-31-S30-3"	SS-31-S30-3" (DUP)	SS-31-S30-2'
Total PCBs (mg/kg)	ND<0.0332	ND<0.0329	0.179

Sample ID	SS-31-N30-3"	SS-31-N30-2'	SS-31-N30-3'
Total PCBs (mg/kg)	ND<0.0347	78.5	0.163

Sample ID	LB-31-N40-SO8 (2')	LB-31-N40-SO8 (4')
Total PCBs (mg/kg)	95.3	2.14

Sample ID	LB-31-N40-SO9 (2')	LB-31-N40-SO9 (4')
Total PCBs (mg/kg)	9.71	3.07

Sample ID	LB-31-N30-SO3 (2')
Total PCBs (mg/kg)	ND<0.0322

Sample ID	SS-31-N20-3"	SS-31-N20-2'	SS-31-N20-4'
Total PCBs (mg/kg)	0.443	1.59	ND<0.0251

Sample ID	SS-31-N20E10-3"	SS-31-N20E10-2'
Total PCBs (mg/kg)	0.115	0.14

Sample ID	SS-31-N10-3"	SS-31-N10-2'	SS-31-N10-3'
Total PCBs (mg/kg)	2.18	1.81	ND<0.0253

Sample ID	SS-31	SS-31-1'	SS-31-2'
Total PCBs (mg/kg)	0.965*	6.6	0.394

Sample ID	SS-31-E20N10-3"	SS-31-E20N10-2'
Total PCBs (mg/kg)	ND<0.0347	0.437

Sample ID	SS-31-E20-3"	SS-31-E20-2'	SS-31-E20-4'
Total PCBs (mg/kg)	ND<0.0308	5.68	ND<0.0267

Sample ID	SS-31-E30-3"	SS-31-E30-2'
Total PCBs (mg/kg)	ND<0.0352	ND<0.0354

Sample ID	SS-31-E10-3"	SS-31-E10-2'
Total PCBs (mg/kg)	5.51	0.325

Sample ID	LB-31-S25E30-SO1 (2')
Total PCBs (mg/kg)	ND<0.0311

Sample ID	SS-31-E20S10-3"	SS-31-E20S10-2'	SS-31-E20S10-3.5'
Total PCBs (mg/kg)	0.138	7.77	ND<0.028

Sample ID	LB-31-S25E30-SO3 (2')
Total PCBs (mg/kg)	ND<0.031

Sample ID	SS-31-S25E30-3"	SS-31-S25E30-2'	SS-31-S25E30-3'
Total PCBs (mg/kg)	0.179	9.35	ND<0.0286

Sample ID	LB-31-S25E30-SO5 (2')
Total PCBs (mg/kg)	ND<0.0268

Sample ID	SS-31-S20E10-3"	SS-31-S20E10-2'
Total PCBs (mg/kg)	ND<0.0345	0.177

Sample ID	SS-37-N20-3"	SS-37-N20-2'	SS-37-N20-4'	SS-37-N20-5'	SS-37-N20-6'
Total PCBs (mg/kg)	4.39	1.78	1.51	2.98	0.587

Sample ID	LB-37-N20W20-SO4 (3')	LB-37-N20W20-SO4 (2')
Total PCBs (mg/kg)	ND<0.0334	0.141

Sample ID	SS-37-N20W10-3"	SS-37-N20W10-5'
Total PCBs (mg/kg)	ND<0.0332	0.82

Sample ID	LB-37-N20W20-SO3 (2')
Total PCBs (mg/kg)	0.213

Sample ID	SS-37-N20W20-2'	SS-37-N20W20-4'
Total PCBs (mg/kg)	9.25	0.0507

Sample ID	LB-37-N20W20-SO2 (2')	DUP-1-6.8.17
Total PCBs (mg/kg)	0.533	0.503

Sample ID	SS-37-W20N10-3"	SS-37-W20N10-2'	SS-37-W20N10-4'
Total PCBs (mg/kg)	0.0312	11.8	0.113

Sample ID	SS-37-W30-3"	SS-37-W30-2'
Total PCBs (mg/kg)	ND<0.0328	0.765

Sample ID	SS-37-W20-3"	SS-37-W20-2'	SS-37-W20-4'
Total PCBs (mg/kg)	1.88	123	ND<0.0255

Sample ID	SS-37-W20S10-3"	SS-37-W20S10-2'
Total PCBs (mg/kg)	0.0633	0.258

Sample ID	SS-37-W10-3"	SS-37-W10-2'
Total PCBs (mg/kg)	11.4	0.386

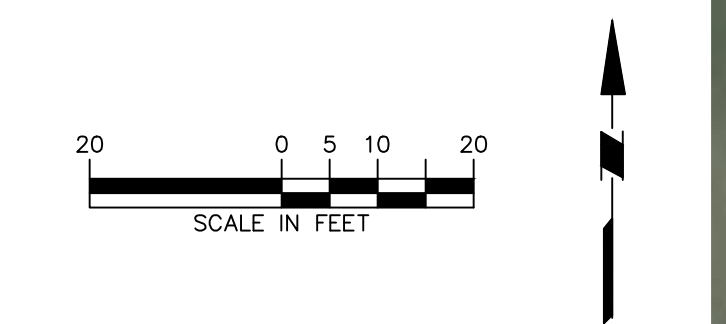
Sample ID	SS-37-S20W10-3"	SS-37-S20W10-2'
Total PCBs (mg/kg)	ND<0.0321	0.414

Sample ID	SS-37-S10-3"	SS-37-S10-2'
Total PCBs (mg/kg)	318	0.491

Sample ID	SS-37-S20-3"	SS-37-S20-2'	SS-37-S20-4'
Total PCBs (mg/kg)	0.821	3.17	0.101

Sample ID	SS-37-S30-3"	SS-37-S30-2'
Total PCBs (mg/kg)	0.0728	0.27

Sample ID	SS-37-S20E10-3"	SS-37-S20E10-2'
Total PCBs (mg/kg)	0.0563	0.161



DRAFT - FOR DISCUSSION PURPOSES ONLY

LANGAN
 555 Long Wharf Drive, New Haven, CT 06511
 T: 203.662.5771 F: 203.789.6142 www.langan.com
 Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. S.A.
 Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
 Langan Engineering and Environmental Services, Inc.
 Langan CT, Inc.
 Langan International LLC
 Collectively known as Langan

Project
WESTERN MIDDLE SCHOOL
 1 WESTERN JUNIOR HIGHWAY
 GREENWICH CONNECTICUT

Drawing Title
PCB DELINEATION ANALYTICAL RESULTS MAP

Project No. 140148201	Drawing No. 2
Date 2/22/2017	
Scale 1"=20'	
Drawn By HHG	Checked By RJW
Submission Date JULY 2017	Sheet 2 of 2