

Client: Westport DPW  
 Project: 21 Imperial Ave, Westport  
 ProjectNumber: 425.007  
 Matrix: Soil  
 Collect Dates: 5/6/2019 Thru 5/6/2019

Lab Number					9050149-01	9050149-02	9050149-03	9050149-04
Sampled Name					TP-1	TP-2	TP-3	TP-4
Sampled Date					5/6/2019	5/6/2019	5/6/2019	5/6/2019
Parameter	GA PMC	GB PMC	I/C DEC	RES DEC	Value	Value	Value	Value
CT-ETPH (mg/kg)								
ETPH	500	2500	2500	500	<59	<58	<60	<59
EPA 600/R-93/116 (%)								
Total Asbestos	NA	NA	NA	NA	<1	<1	<1	<1
EPA 6010C (mg/kg)								
Antimony	NA	NA	8200	27	<2.2	<2.3	<2.4	<2.4
Arsenic	NA	NA	10	10	6.8	7	8.7	13
Beryllium	NA	NA	2	2	<1.1	<1.2	<1.2	<1.2
Cadmium	NA	NA	1000	34	<0.55	<0.58	<0.60	<0.60
Chromium	NA	NA	NE	NE	21	23	28	27
Copper	NA	NA	76000	2500	14	13	17	18
Lead	NA	NA	1000	400	38	32	56	50
Nickel	NA	NA	7500	1400	12	13	14	13
Selenium	NA	NA	10000	340	1.5	1.9	2.2	2
Silver	NA	NA	10000	340	<2.2	<2.3	<2.4	<2.4
Thallium	NA	NA	160	5.4	<2.2	<2.3	<2.4	<2.4
Zinc	NA	NA	610000	20000	53	52	64	61
EPA 7471B (mg/kg)								
Mercury	NA	NA	610	20	<0.14	<0.15	<0.16	<0.15
EPA 8081B (ug/Kg)								
4,4-DDD	NA	NA	NA	NA	<5.9	<5.8	19	35
4,4-DDE	NA	NA	NA	NA	11	11	35	66
4,4-DDT	3	20	1700	1800	13	23	57	61

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EPA 600/R-93/116 (%)								
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EPA 6010C (mg/kg)								
Antimony	NA	NA	8200	27	<2.2	<2.3	<2.4	<2.4
Arsenic	NA	NA	10	10	6.8	7	8.7	13
Beryllium	NA	NA	2	2	<1.1	<1.2	<1.2	<1.2
Cadmium	NA	NA	1000	34	<0.55	<0.58	<0.60	<0.60
Chromium	NA	NA	NE	NE	21	23	28	27
4,4-Methoxychlor	800	8000	10000000	340000	<5.9	<5.8	<6.0	<5.9
alachlor	230	400	72000	7700	<59	<58	<60	<59
Aldrin	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
alpha-BHC	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
beta-BHC	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Chlordane	66	66	2200	490	<35	<35	<36	<35
Delta-BHC	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Dieldrin	7	7	360	38	<1.2	<1.2	<1.2	<1.2
Endosulfan I	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Endosulfan II	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Endosulfan sulfate	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Endrin	NE	NE	610000	20000	<5.9	<5.8	<6.0	<5.9
Endrin aldehyde	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Endrin ketone	NA	NA	NA	NA	<5.9	<5.8	<6.0	<5.9
Gamma-BHC	20	40	610000	20000	<5.9	<5.8	<6.0	<5.9
Heptachlor	13	13	1300	140	<5.9	<5.8	<6.0	<5.9
Heptachlor epoxide	20	20	630	67	<5.9	<5.8	<6.0	<5.9
Toxaphene	330	600	5200	560	<120	<120	<120	<120
EPA 8082A (mg/kg)								
PCB-1016	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1221	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1232	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1242	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1248	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12

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EPA 600/R-93/116 (%)								
Total Asbestos	NA	NA	NA	NA	<1	<1	<1	<1
EPA 6010C (mg/kg)								
Antimony	NA	NA	8200	27	<2.2	<2.3	<2.4	<2.4
Arsenic	NA	NA	10	10	6.8	7	8.7	13
Beryllium	NA	NA	2	2	<1.1	<1.2	<1.2	<1.2
Cadmium	NA	NA	1000	34	<0.55	<0.58	<0.60	<0.60
Chromium	NA	NA	NE	NE	21	23	28	27
PCB-1254	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1260	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1262	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
PCB-1268	NA	NA	10	1	<0.12	<0.12	<0.12	<0.12
EPA 8260C (ug/Kg)								
Benzene	20	200	200000	21000	<3.2	<3.2	<3.4	<4.1
Bromobenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
n-Butylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
sec-Butylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
tert-Butylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
Chlorobenzene	2000	20000	1000000	500000	<3.2	<3.2	<3.4	<4.1
2-Chlorotoluene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
4-Chlorotoluene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
1,2-Dichlorobenzene	3100	3100	1000000	500000	<3.2	<3.2	<3.4	<4.1
1,3-Dichlorobenzene	12000	120000	1000000	500000	<3.2	<3.2	<3.4	<4.1
1,4-Dichlorobenzene	1500	15000	240000	26000	<3.2	<3.2	<3.4	<4.1
Ethylbenzene	10100	10100	1000000	500000	<3.2	<3.2	<3.4	<4.1
Hexachlorobutadiene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
isopropylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
4-Isopropyltoluene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
Methyl-t-Butyl Ether (MTBE)	2000	20000	1000000	500000	<3.2	<3.2	<3.4	<4.1
Naphthalene	5600	56000	2500000	1000000	<3.2	<3.2	<3.4	<4.1
n-Propylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
Styrene	2000	20000	1000000	500000	<3.2	<3.2	<3.4	<4.1

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EPA 600/R-93/116 (%)								
Total Asbestos	NA	NA	NA	NA	<1	<1	<1	<1
EPA 6010C (mg/kg)								
Antimony	NA	NA	8200	27	<2.2	<2.3	<2.4	<2.4
Arsenic	NA	NA	10	10	6.8	7	8.7	13
Beryllium	NA	NA	2	2	<1.1	<1.2	<1.2	<1.2
Cadmium	NA	NA	1000	34	<0.55	<0.58	<0.60	<0.60
Chromium	NA	NA	NE	NE	21	23	28	27
Toluene	20000	67000	1000000	500000	<3.2	<3.2	6.2	33
1,2,3-Trichlorobenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
1,2,4-Trichlorobenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
1,2,4-Trimethylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
1,3,5-Trimethylbenzene	NA	NA	NA	NA	<3.2	<3.2	<3.4	<4.1
m+p Xylenes	19500	19500	1000000	500000	<3.2	<3.2	<3.4	<4.1
o-Xylene	19500	19500	1000000	500000	<3.2	<3.2	<3.4	<4.1
EPA 8270D (ug/Kg)								
Acenaphthene	NA	NA	NA	NA	<350	<350	<360	<350
Acenaphthylene	8400	84000	2500000	1000000	<350	<350	<360	<350
Anthracene	40000	400000	2500000	1000000	<350	<350	<360	<350
Benzo[a]anthracene	1000	1000	7800	1000	<350	<350	430	<350
Benzo[a]pyrene	1000	1000	1000	1000	<350	<350	390	<350
Benzo[b]fluoranthene	1000	1000	7800	1000	<350	<350	470	<350
Benzo[g,h,i]perylene	1000	1000	78000	8400	<350	<350	<360	<350
Benzo[k]fluoranthene	1000	1000	78000	8400	<350	<350	<360	<350
Chrysene	1000	1000	78000	84000	<350	<350	400	<350
Dibenz[a,h]anthracene	NA	NA	NA	NA	<350	<350	<360	<350
Fluoranthene	5600	56000	2500000	1000000	<350	450	840	700
Fluorene	5600	56000	2500000	1000000	<350	<350	<360	<350
Indeno[1,2,3-cd]pyrene	1000	1000	78000	1000	<350	<350	<360	<350
2-Methyl Naphthalene	NA	NA	NA	NA	<350	<350	<360	<350
Phenanthrene	4000	40000	2500000	1000000	<350	<350	<360	<350
Pyrene	4000	40000	2500000	1000000	<350	480	730	630

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EPA 600/R-93/116 (%)								
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Beryllium	NA	NA	2	2	<1.1	<1.2	<1.2	<1.2
Cadmium	NA	NA	1000	34	<0.55	<0.58	<0.60	<0.60
Chromium	NA	NA	NE	NE	21	23	28	27
Naphthalene	5600	56000	2500000	1000000	<350	<350	<360	<350
SM 2540 G (%)								
Percent Solids	NA	NA	NA	NA	84	84	82	84

Notes:

Report Generated on: 5/15/2019 12:02:00 PM

4000	Unhighlighted values are from published CT Remediation Standards Criteria (1996, revised 2013)
1000	Highlighted values are from CT DEEP Technical Support Document Recommended Criteria for Common Additional Polluting Substances ( 2018)
1400	Detected above Laboratory Reporting Level
GA PMC	CT DEEP Pollutant Mobility Criteria in GA Groundwater Classification Area
GB PMC	CTDEEP Pollutant Mobility Criteria in GB Groundwater Classification Area
RES DEC	Residential Direct Exposure Criteria
I/C DEC	Industrial/Commercial Direct Exposure Criteria
NA	Not Applicable