

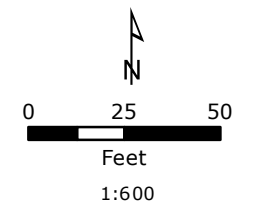
OSE-02		
Parameter	Concentration	Exceedance
Total DDT	0.0467	GA PMC
DUP B		
Parameter	Concentration	Exceedance
Total DDT	0.118	GA PMC
Chlordane	0.071	GA PMC

EXCEEDANCE SUMMARY

LEGEND

- Approximate Sample Location
- Approximate Site Parcel
- Approximate Parcel Boundary

LOCUS MAP



NOTES

1. Based on 2016 Statewide Orthophotography, Courtesy of CTECO.

**Osborn Hill
Elementary School
Playground
760 Stillson Road
Fairfield, Connecticut**

September 2019



OSBORN HILL ELEMENTARY SCHOOL PLAYGROUND

Summary of Analytical Data
Fairfield, Connecticut
Last Updated: 09/10/2019

Sample ID	CT RSR Criteria		US EPA	OH-S100	OH-S101	OH-S102	OH-S103
	RES DEC	GA PMC		0.5-1 FT 9/4/19 CD98486	1-1.5 FT 9/4/19 CD98487	1-1.5 FT 9/4/19 CD98488	1-1.25 FT 9/4/19 CD98489
Asbestos PLM 198.1²							
% Amosite	NA	NA	NA	0.0%	0.0%	0.0%	0.0%
% Chrysotile	NA	NA	NA	0.0%	0.0%	0.0%	0.0%
% Other	NA	NA	NA	0.0%	0.0%	0.0%	0.0%
% Total Asbestos	NA	NA	1%	0.0%	0.0%	0.0%	0.0%
Total Metals 6010D							
Arsenic	10	NA	NA	2.66	1.79	4.19	3.8
Lead	400	NA	NA	15.5	6.34	13	12.4
CTETPH 8015D (mg/Kg)	500	500	NA	<55	<54	<69	<61
PCBs SW8082A (mg/Kg)							
PCB-1016	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1221	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1232	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1242	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1248	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1254	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1260	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1262	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
PCB-1268	NE	NA	NA	<0.37	<0.36	<0.45	<0.4
Total PCBs	1	NA	NA	<0.37	<0.36	<0.45	<0.4
PAHs SW8270D (mg/Kg)							
2-Methylnaphthalene	270	0.56	NA	<0.26	<0.25	<0.31	<0.28
Acenaphthene	1,000	8	NA	<0.26	<0.25	<0.31	<0.28
Acenaphthylene	1,000	8	NA	<0.26	<0.25	<0.31	<0.28
Anthracene	1,000	40	NA	<0.26	<0.25	<0.31	<0.28
Benz(a)anthracene	1	1	NA	<0.26	<0.25	0.48	<0.28
Benzo(a)pyrene	1	1	NA	<0.26	<0.25	0.47	<0.28
Benzo(b)fluoranthene	1	1	NA	<0.26	<0.25	0.46	<0.28
Benzo(ghi)perylene	8.4	1	NA	<0.26	<0.25	<0.31	<0.28
Benzo(k)fluoranthene	8.4	1	NA	<0.26	<0.25	0.45	<0.28
Chrysene	84	1	NA	<0.26	<0.25	0.54	<0.28
Dibenz(a,h)anthracene	1	1	NA	<0.26	<0.25	<0.31	<0.28
Fluoranthene	1,000	5.6	NA	<0.26	<0.25	1.1	0.45
Fluorene	1,000	5.6	NA	<0.26	<0.25	<0.31	<0.28
Indeno(1,2,3-cd)pyrene	1	1	NA	<0.26	<0.25	<0.31	<0.28
Naphthalene	1,000	5.6	NA	<0.26	<0.25	<0.31	<0.28
Phenanthrene	1,000	4	NA	<0.26	<0.25	0.78	<0.28
Pyrene	1,000	4	NA	<0.26	<0.25	0.92	0.39
Pesticides By SW8081B (mg/Kg)							
4,4' -DDD	NE	NE	NA	<0.0015	<0.0014	<0.0018	<0.0016
4,4' -DDE	NE	NE	NA	<0.0015	<0.0014	<0.0018	<0.0016
4,4' -DDT	NE	NE	NA	<0.0015	<0.0014	<0.0018	<0.0016
Total DDT	1.8	0.003	NA	<0.0015	<0.0014	<0.0018	<0.0016
a-BHC	0.34	0.002	NA	<0.0015	<0.0014	<0.0089	<0.0016
Alachlor	7.7	0.23	NA	<0.0075	<0.0072	<0.0018	<0.0081
Aldrin	0.04	0.002	NA	<0.0015	<0.0014	<0.0018	<0.0016
b-BHC	0.34	0.002	NA	<0.0015	<0.0014	<0.044	<0.0016
Chlordane	0.49	0.066	NA	<0.037	<0.036	<0.0018	<0.041
d-BHC	0.34	0.002	NA	<0.0015	<0.0014	<0.0045	<0.0016
Dieldrin	0.038	0.007	NA	<0.0037	<0.0036	<0.0089	<0.0041
Endosulfan I	41	0.084	NA	<0.0075	<0.0072	<0.0089	<0.0081
Endosulfan II	41	0.084	NA	<0.0075	<0.0072	<0.0089	<0.0081
Endosulfan sulfate	41	0.084	NA	<0.0075	<0.0072	<0.0089	<0.0081
Endrin	20	0.04	NA	<0.0075	<0.0072	<0.0089	<0.0081
Endrin aldehyde	20	0.04	NA	<0.0075	<0.0072	<0.0089	<0.0081
Endrin ketone	20	0.04	NA	<0.0075	<0.0072	<0.0018	<0.0081
q-BHC	20	0.02	NA	<0.003	<0.0014	<0.0089	<0.0016
Heptachlor	0.14	0.013	NA	<0.0075	<0.0072	<0.0089	<0.0081
Heptachlor epoxide	0.067	0.02	NA	<0.0075	<0.0072	<0.0089	<0.0081
Methoxychlor	340	0.8	NA	<0.037	<0.036	<0.044	<0.04
Toxaphene	0.56	0.33	NA	<0.15	<0.14	<0.180	<0.160

CTDEEP RSRs- Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations (June 27, 2013)

US EPA - United State Environmental Protection Agency

RES DEC-Residential Direct Exposure Criteria

GA PMC- Pollutant Mobility Criteria in a GA groundwater area

NE- Not established

NA- Not Applicable

CT ETPH- Connecticut Department of Public Health Extractable Total Petroleum Hydrocarbons

PAHs- Polycyclic Aromatic Hydrocarbons

PCBs- Polychlorinated Biphenyls

< xx indicates compound was not detected. Detection limit is provided.

Boxed values indicate exceedances of RES DEC

Grey values indicate exceedances of GA PMC

²- Asbestos analysis of Bulk Materials via 40 CFR Part 763, Sub. E, App. E/NYS-DOH 198.1 (PLM) by Eastern Analytical Services, Inc.