



EXCEEDANCE SUMMARY

LEGEND

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

LOCUS MAP

NOTES

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

Jennings Elementary School Playground
1115 Fairfield Woods Road
Fairfield, Connecticut

September 2019

Tighe&Bond
Engineers | Environmental Specialists

JENNINGS SCHOOL PLAYGROUND

Summary of Analytical Data
Fairfield, Connecticut
Last Updated: 09/11/2019

Sample ID	CT RSR Criteria		US EPA	JES S100	JES S101	JES S102	JES S103	JES WOD-1
Sample Depth				1.0-1.25 FT	1.0-1.25 FT	1.75-2.0 FT	1.75-2.0 FT	-
Sample Date				9/4/19	9/4/19	9/4/19	9/4/19	9/4/19
Lab Sample ID				CD97456	CD97457	CD97458	CD97459	CD99698
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	3.96	5.48	7.5	2.77	1200
Lead	400	NA	NA	19.7	29.6	5.6	19.1	-
CTETPH 8015D (mg/Kg)	500	2500	NA	<68	<71	<54	<68	-
PCBs SW8082A (mg/Kg)								
PCB-1016	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1221	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1232	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1242	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1248	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1254	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1260	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1262	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PCB-1268	NE	NA	NA	<0.45	<0.38	<0.36	<0.46	-
Total PCBs	1	NA	NA	<0.45	<0.38	<0.36	<0.46	-
PAHs SW8270D (mg/Kg)								
2-Methylnaphthalene	270	5.6	NA	<0.31	<0.32	<0.25	<0.32	-
Acenaphthene	1,000	84	NA	<0.31	<0.32	<0.25	<0.32	-
Acenaphthylene	1,000	84	NA	<0.31	<0.32	<0.25	<0.32	-
Anthracene	1,000	400	NA	<0.31	<0.32	<0.25	<0.32	-
Benz(a)anthracene	1	1	NA	<0.31	<0.32	<0.25	<0.32	-
Benzo(a)pyrene	1	1	NA	<0.31	<0.32	<0.25	<0.32	-
Benzo(b)fluoranthene	1	1	NA	<0.31	<0.32	<0.25	<0.32	-
Benzo(ghi)perylene	8.4	1	NA	<0.31	<0.32	<0.25	<0.32	-
Benzo(k)fluoranthene	8.4	1	NA	<0.31	<0.32	<0.25	<0.32	-
Chrysene	84	1	NA	<0.31	<0.32	<0.25	<0.32	-
Dibenz(a,h)anthracene	1	1	NA	<0.31	<0.32	<0.25	<0.32	-
Fluoranthene	1,000	56.0	NA	<0.31	<0.32	<0.25	<0.32	-
Fluorene	1,000	56.0	NA	<0.31	<0.32	<0.25	<0.32	-
Indeno(1,2,3-cd)pyrene	1	1	NA	<0.31	<0.32	<0.25	<0.32	-
Naphthalene	1,000	56.0	NA	<0.31	<0.32	<0.25	<0.32	-
Phenanthrene	1,000	40	NA	<0.31	<0.32	<0.25	<0.32	-
Pyrene	1,000	40	NA	<0.31	<0.32	<0.25	<0.32	-
Pesticides By SW8081B (mg/Kg)								
4,4' -DDD	NE	NE	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
4,4' -DDE	NE	NE	NA	0.0029	<0.0019	<0.0014	<0.0019	-
4,4' -DDT	NE	NE	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
Total DDT	1.8	0.02	NA	0.0029	<0.0019	<0.0014	<0.0019	-
a-BHC	0.34	0.01	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
Alachlor	7.7	0.4	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Aldrin	0.04	0.01	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
b-BHC	0.34	0.01	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
Chlordane	0.49	0.066	NA	<0.045	<0.045	<0.036	<0.047	-
d-BHC	0.34	0.01	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
Dieldrin	0.038	0.007	NA	<0.0045	<0.0046	<0.0036	<0.0047	-
Endosulfan I	41	0.84	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Endosulfan II	41	0.84	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Endosulfan sulfate	41	0.84	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Endrin	20	0.4	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Endrin aldehyde	20	0.4	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Endrin ketone	20	0.4	NA	<0.009	<0.0093	<0.0072	<0.0094	-
q-BHC	20	0.04	NA	<0.0018	<0.0019	<0.0014	<0.0019	-
Heptachlor	0.14	0.013	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Heptachlor epoxide	0.067	0.02	NA	<0.009	<0.0093	<0.0072	<0.0094	-
Methoxychlor	340	8	NA	<0.045	<0.046	<0.036	<0.047	-
Toxaphene	0.56	0.6	NA	<0.108	<0.19	<0.14	<0.19	-

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

GB PMC- Pollutant Mobility Criteria in a GB 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 GB 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.