



LMS S2		
Parameter	Concentration	Exceedance
Total DDT	0.009	GA PMC

LMS S4		
Parameter	Concentration	Exceedance
Total DDT	0.007	GA PMC

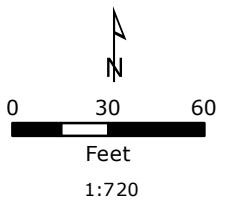
LMS S6		
Parameter	Concentration	Exceedance
Total DDT	0.008	GA PMC

EXCEEDANCE SUMMARY

LEGEND

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

LOCUS MAP



NOTES

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

Roger Ludlowe Middle School
689 Unquowa Road
Fairfield, Connecticut

September 2019

Tighe & Bond
 Engineers | Environmental Specialists

LUDLOWE MIDDLE SCHOOL
Summary of Soil Sample Analytical Data
Fairfield, Connecticut
Last Updated: 09/03/2019

Sample ID Sample Depth Sample Date Lab Sample ID	CT RSR Criteria		US EPA	LMS-S1	LMS-S2	LMS-S3	LMS-S4	LMS-S5	LMS-S6
	RES DEC	GA PMC		0-0.5 ft 8/27/19 CD92621	0-0.5 ft 8/27/19 CD92622	0-0.5 ft 8/27/19 CD92623	0-0.5 ft 8/27/19 CD92624	0-0.5 ft 8/27/19 CD92625	0-0.5 ft 8/27/19 CD92626
Asbestos PLM 198.1²									
% Amosite	NA	NA	NA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% Chrysotile	NA	NA	NA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% Other	NA	NA	NA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% Total Asbestos	NA	NA	1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Metals 6010D									
Arsenic	10	NA	NA	7.29	4.2	4.28	4.67	4.07	4.93
Lead	400	NA	NA	27.5	22.2	28.3	30.1	12.1	25.3
PCBs SW8082A (mg/Kg)									
PCB-1016	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1221	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1232	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1242	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1248	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1254	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1260	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1262	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PCB-1268	NE	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
Total PCBs	1	NA	NA	<0.390	<0.390	<0.390	<0.390	<0.350	<0.380
PAHs SW8270D (mg/Kg)									
2-Methylnaphthalene	270	0.56	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Acenaphthene	1,000	8	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Acenaphthylene	1,000	8	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Anthracene	1,000	40	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Benz(a)anthracene	1	1	NA	0.890	0.350	0.330	<0.280	<0.240	0.420
Benzo(a)pyrene	1	1	NA	0.980	0.420	0.380	<0.280	<0.240	0.390
Benzo(b)fluoranthene	1	1	NA	0.860	0.320	0.370	<0.280	<0.240	0.400
Benzo(ghi)perylene	8.4	1	NA	0.570	<0.270	0.270	<0.280	<0.240	0.290
Benzo(k)fluoranthene	8.4	1	NA	0.580	0.350	0.310	<0.280	<0.240	0.320
Chrysene	84	1	NA	0.890	0.340	0.360	<0.280	<0.240	0.460
Dibenz(a,h)anthracene	1	1	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Fluoranthene	1,000	5.6	NA	1.600	0.610	0.770	0.530	0.410	0.900
Fluorene	1,000	5.6	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Indeno(1,2,3-cd)pyrene	1	1	NA	0.620	0.290	0.320	<0.280	<0.240	<0.270
Naphthalene	1,000	5.6	NA	<0.270	<0.270	<0.270	<0.280	<0.240	<0.270
Phenanthrene	1,000	4	NA	0.750	0.300	0.340	<0.280	<0.240	0.430
Pyrene	1,000	4	NA	1.400	0.500	0.680	0.460	0.350	0.770
Pesticides By SW8081B (mg/Kg)									
4,4' -DDD	NE	NE	NA	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
4,4' -DDE	NE	NE	NA	0.003	0.004	0.002	0.004	0.002	0.005
4,4' -DDT	NE	NE	NA	<0.002	0.005	<0.002	0.003	<0.001	0.003
Total DDT	1.8	0.003	NA	0.003	0.009	0.002	0.007	0.002	0.008
a-BHC	0.34	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
Alachlor	7.7	0.23	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Aldrin	0.04	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
b-BHC	0.34	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
Chlordane	0.49	0.066	NA	<0.039	<0.039	<0.039	<0.039	<0.035	<0.039
d-BHC	0.34	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
Dieldrin	0.038	0.007	NA	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Endosulfan I	41	0.084	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Endosulfan II	41	0.084	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Endosulfan sulfate	41	0.084	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Endrin	20	0.04	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Endrin aldehyde	20	0.04	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Endrin ketone	20	0.04	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
g-BHC	20	0.02	NA	<0.002	<0.002	<0.002	<0.002	<0.001	<0.002
Heptachlor	0.14	0.013	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Heptachlor epoxide	0.067	0.02	NA	<0.008	<0.008	<0.008	<0.008	<0.007	<0.008
Methoxychlor	340	0.8	NA	<0.039	<0.039	<0.039	<0.039	<0.035	<0.039
Toxaphene	0.56	0.33	NA	<0.150	<0.160	<0.150	<0.160	<0.140	<0.150

CTDEEP RSRs- Connecticut Department of Energy and Environmental

RES DEC-Residential Direct Exposure Criteria

GA PMC- Pollutant Mobility Criteria in a GA groundwater area

NE- Not established

NA- Not Applicable

PAHs- Polycyclic Aromatic Hydrocarbons

PCBs- Polychlorinated Biphenyls

< xx indicates compound was not detected. Detection limit is

Boxed values indicate exceedances of RES DEC

Grey values indicate exceedances of GA PMC

ND- None Detected

²- Asbestos analysis of Bulk Materials via 40 CFR Part 763, Sub. E,

Samples LMS-S2, LMS-S4, and LMS-S6 were submitted to the laboratory for Synthetic Precipitation Leaching Procedure (SPLP) analysis for pesticides: results are pending.