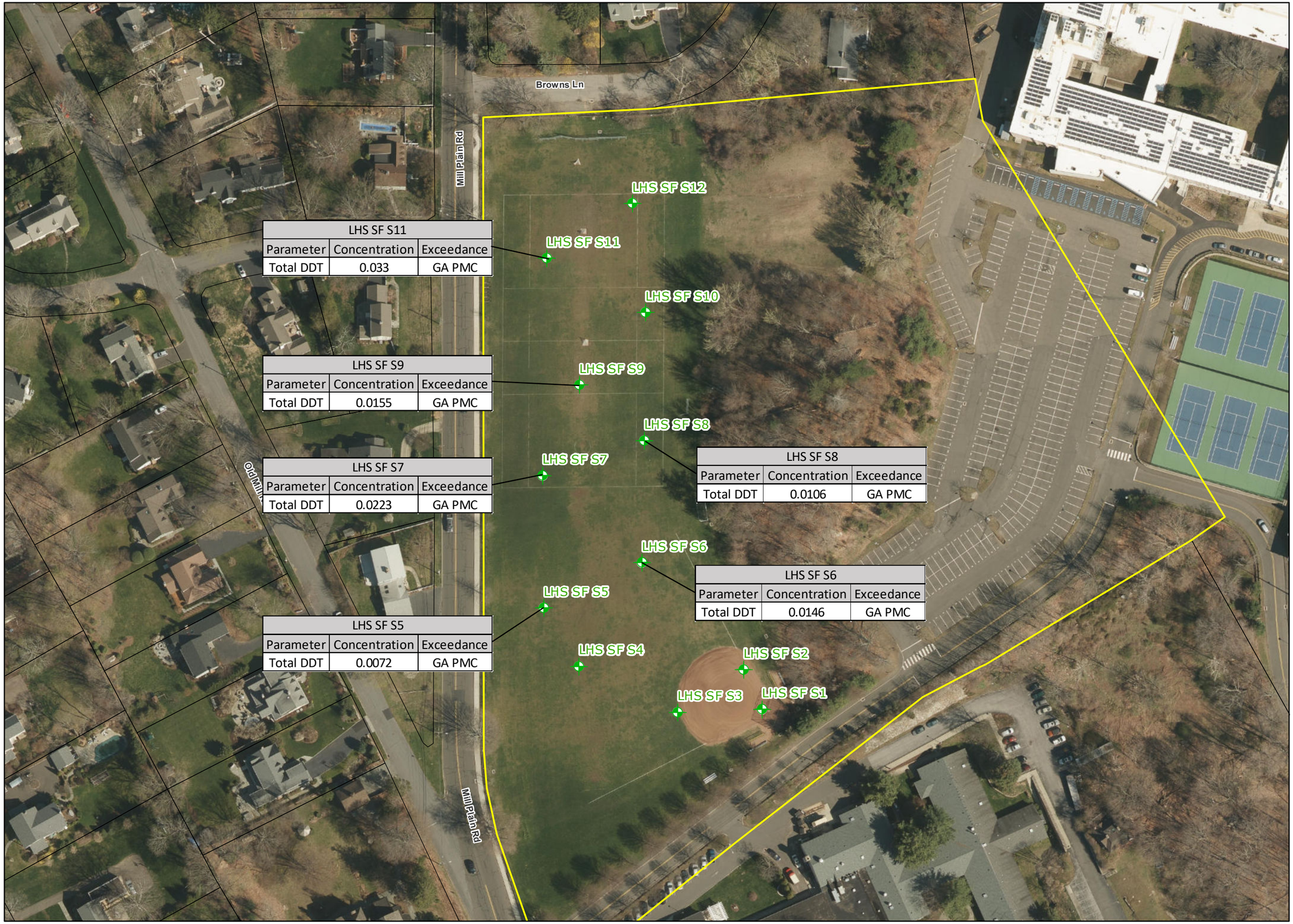

LHS SF S11		
Parameter	Concentration	Exceedance
Total DDT	0.033	GA PMC

LHS SF S9		
Parameter	Concentration	Exceedance
Total DDT	0.0155	GA PMC

LHS SF S7		
Parameter	Concentration	Exceedance
Total DDT	0.0223	GA PMC

LHS SF S8		
Parameter	Concentration	Exceedance
Total DDT	0.0106	GA PMC

LHS SF S6		
Parameter	Concentration	Exceedance
Total DDT	0.0146	GA PMC

LHS SF S5		
Parameter	Concentration	Exceedance
Total DDT	0.0072	GA PMC

EXCEEDANCE SUMMARY

LEGEND

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

LOCUS MAP

N

0 50 100

Feet

1:1,200

NOTES

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

Roger Ludlowe High School Back Field
550 Mill Plain Road
Fairfield, Connecticut

September 2019

Tighe&Bond
Engineers | Environmental Specialists

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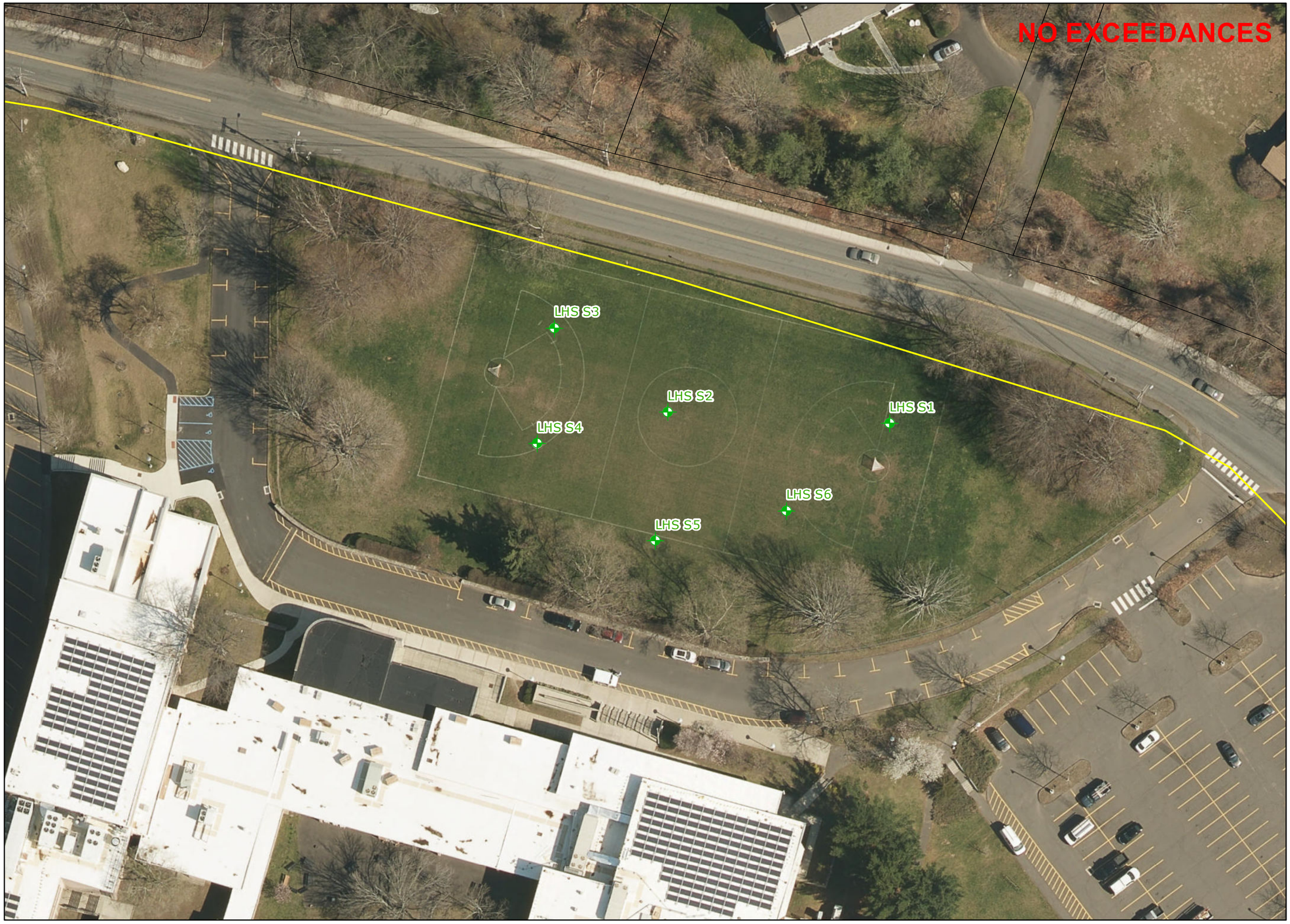

EXCEEDANCE SUMMARY

LEGEND

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

LOCUS MAP

N

0 25 50

Feet

1:600

NOTES

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

Roger Ludlowe
High School
Front Field
785 Unquowa Road
Fairfield, Connecticut

August 2019

Tighe&Bond
Engineers | Environmental Specialists

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LUDLOWE HIGH SCHOOL
Summary of Soil Sample Analytical Data
Fairfield, Connecticut
Last Updated: 9/9/2019

Sample ID	CT RSR Criteria		US EPA	LHS-S1	LHS-S2	LHS-S3	LHS-S4	LHS-S5	LHS-S6	Dup F	PACM-LHS-S6	LHS-SF-S1	LHS-SF-S2	LHS-SF-S3	LHS-SF-S4	LHS-SF-S5	LHS-SF-S6	LHS-SF-S7	LHS-SF-S8	LHS-SF-S9	LHS-SF-S10	LHS-SF-S11	LHS-SF-S12
Sample Depth				0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	-	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft	0-0.5 ft
Sample Date	RES DEC	GA PMC		8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19	8/27/19
Lab Sample ID				CD92603	CD92604	CD92605	CD92606	CD92607	CD92608	CD92609	Near LHS-S6	CD92610	CD92611	CD92612	CD92613	CD92614	CD92615	CD92616	CD92617	CD92618	CD92619	CD92620	CD92630
Asbestos in Material by PLM[1]	NA	NA	1%	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-
Asbestos PLM 198.1[2]																							
% Amosite	NA	NA	NA	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	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%	0.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	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%	0.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	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%	0.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
				0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Total Metals 6010D																							
Arsenic	10	NA	NA	4.45	4.36	4.82	4.5	3.89	3.67	4.37	-	2.24	1.83	3.41	1.82	6.33	6.47	5.35	5.99	5.53	5.13	6.4	4.92
Lead	400	NA	NA	28.7	28.6	32.1	29.3	24.8	25.2	30.2	-	1.77	4.15	4.14	12.2	35.7	40	32.7	38.9	33.5	26.6	39.6	25.8
CTETPH 8015D (mg/Kg)	500	500	NA	<60	<58	<59	<57	<57	<57	<59	-	< 51	< 50	< 53	< 55	< 60	< 69	< 60	< 61	< 59	< 61	< 62	< 54
PCBs SW8082A (mg/Kg)																							
Total PCBs	1	NA	NA	<0.400	<0.390	<0.390	<0.380	<0.370	<0.390	<0.390	-	<0.340	<0.330	<0.350	<0.370	<0.390	<0.470	<0.400	<0.400	<0.390	<0.410	<0.420	<0.360
PAHs SW8270D (mg/Kg)																							
2-Methylnaphthalene	270	0.56	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Acenaphthene	1,000	8	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Acenaphthylene	1,000	8	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Anthracene	1,000	40	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Benz(a)anthracene	1	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	0.37	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Benzo(a)pyrene	1	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	0.31	-	<0.24	<0.24	<0.24	0.3	0.44	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Benzo(b)fluoranthene	1	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	0.28	-	<0.24	<0.24	<0.24	0.33	0.41	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Benzo(ghi)perylene	8.4	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Benzo(k)fluoranthene	8.4	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Chrysene	84	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	0.28	0.39	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Dibenz(a,h)anthracene	1	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Fluoranthene	1,000	5.6	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	0.33	-	<0.24	<0.24	<0.24	0.39	0.51	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Fluorene	1,000	5.6	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Indeno(1,2,3-cd)pyrene	1	1	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Naphthalene	1,000	5.6	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Phenanthrene	1,000	4	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	<0.280	-	<0.24	<0.24	<0.24	<0.26	<0.28	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Pyrene	1,000	4	NA	<0.280	<0.280	<0.270	<0.260	<0.270	<0.270	0.36	-	<0.24	<0.24	<0.24	0.36	0.51	<0.33	<0.28	<0.28	<0.27	<0.29	<0.3	<0.26
Pesticides By SW8081B (mg/Kg)																							
4,4' -DDD	NE	NE	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	<0.0019	<0.0016	<0.0016	<0.0016	<0.0017	<0.0017	<0.0014
4,4' -DDE	NE	NE	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	0.0072	0.0077	0.0083	0.004	0.0071	<0.003	0.014	<0.0014
4,4' -DDT	NE	NE	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	0.0069	0.014	0.0066	0.0084	<0.002	0.019	<0.0014
Total DDT	1.8	0.003	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	0.0072	0.0146	0.0223	0.0106	0.0155	<0.002	0.033	<0.0014
a-BHC	0.34	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	<0.0019	<0.0016	<0.0016	<0.0016	<0.0017	<0.0017	<0.0014
Alachlor	7.7	0.23	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Aldrin	0.04	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	<0.0019	<0.0016	<0.0016	<0.0016	<0.0017	<0.0017	<0.0014
b-BHC	0.34	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	<0.0019	<0.0016	<0.0016	<0.0016	<0.0017	<0.0017	<0.0014
Chlordane	0.49	0.066	NA	<0.039	<0.039	<0.039	<0.039	<0.038	<0.038	<0.039	-	<0.035	<0.033	<0.035	<0.037	<0.04	<0.046	<0.04	<0.04	<0.039	<0.041	<0.043	<0.036
d-BHC	0.34	0.002	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	<0.0019	<0.0016	<0.0016	<0.0016	<0.0017	<0.0017	<0.0014
Dieldrin	0.038	0.007	NA	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	-	<0.0035	<0.0033	<0.0035	<0.0037	<0.004	<0.0046	<0.004	<0.004	<0.0039	<0.0041	<0.0043	<0.0036
Endosulfan I	41	0.084	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Endosulfan II	41	0.084	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Endosulfan sulfate	41	0.084	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Endrin	20	0.04	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Endrin aldehyde	20	0.04	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Endrin ketone	20	0.04	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
g-BHC	20	0.02	NA	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	-	<0.0014	<0.0013	<0.0014	<0.0015	<0.0016	<0.0019	<0.0016	<0.0016	<0.0016	<0.0017	<0.0017	<0.0014
Heptachlor	0.14	0.013	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Heptachlor epoxide	0.067	0.02	NA	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	<0.008	-	<0.0069	<0.0067	<0.0069	<0.0074	<0.0081	<0.0093	<0.0079	<0.0081	<0.0078	<0.0083	<0.0085	<0.0072
Methoxychlor	340	0.8	NA	<0.039	<0.039	<0.039	<0.039	<0.038	<0.038	<0.039	-	<0.035	<0.033	<0.035	<0.037	<0.04	<0.046	<0.04	<0.04	<0.039	<0.041	<0.043	<0.036
Toxaphene	0.56	0.33	NA	<0.160	<0.160	<0.150	<0.160	<0.150	<0.150	<0.160	-	<0.14	<0.13	<0.14	<0.15	<0.16	<0.19	<0.16	<0.16	<0.16	<0.17	<0.17	<0.14

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
CT ETPH- Connecticut Department of Public Health Extractable Total
PAHs- Polycyclic Aromatic Hydrocarbons
PCBs- Polychlorinated Biphenyls
< xx indicates compound was not detected. Detection limit is
Boxed values indicate exceedances of RES DEC
Gray values indicate exceedances of GA PMC
ND- None Detected
PACM- Potential Asbestos Containing Material
[1]- Asbestos analysis of Bulk Materials via EPA 600/R-93/116 Method
[2]- Asbestos analysis of Bulk Materials via 40 CFR Part 763, Sub. E,
Samples LHS-SF-S3, LHS-SF-S8, LHS-SF-S9, LHS-SF-S10, LHS-SF-S11, and LHS-SF-S12 were submited to the laboratory for Synthetic Precipitation Leaching Procedure (SPLP) analysis for pesticides; results are pending.