Town of Fairfield

Health Department

Date: 8/30/19
From: Sands Cleary, Health Director
Re: Oldfield Soccer Field 8/21/19 Sampling Results – 100 Mona Terrace

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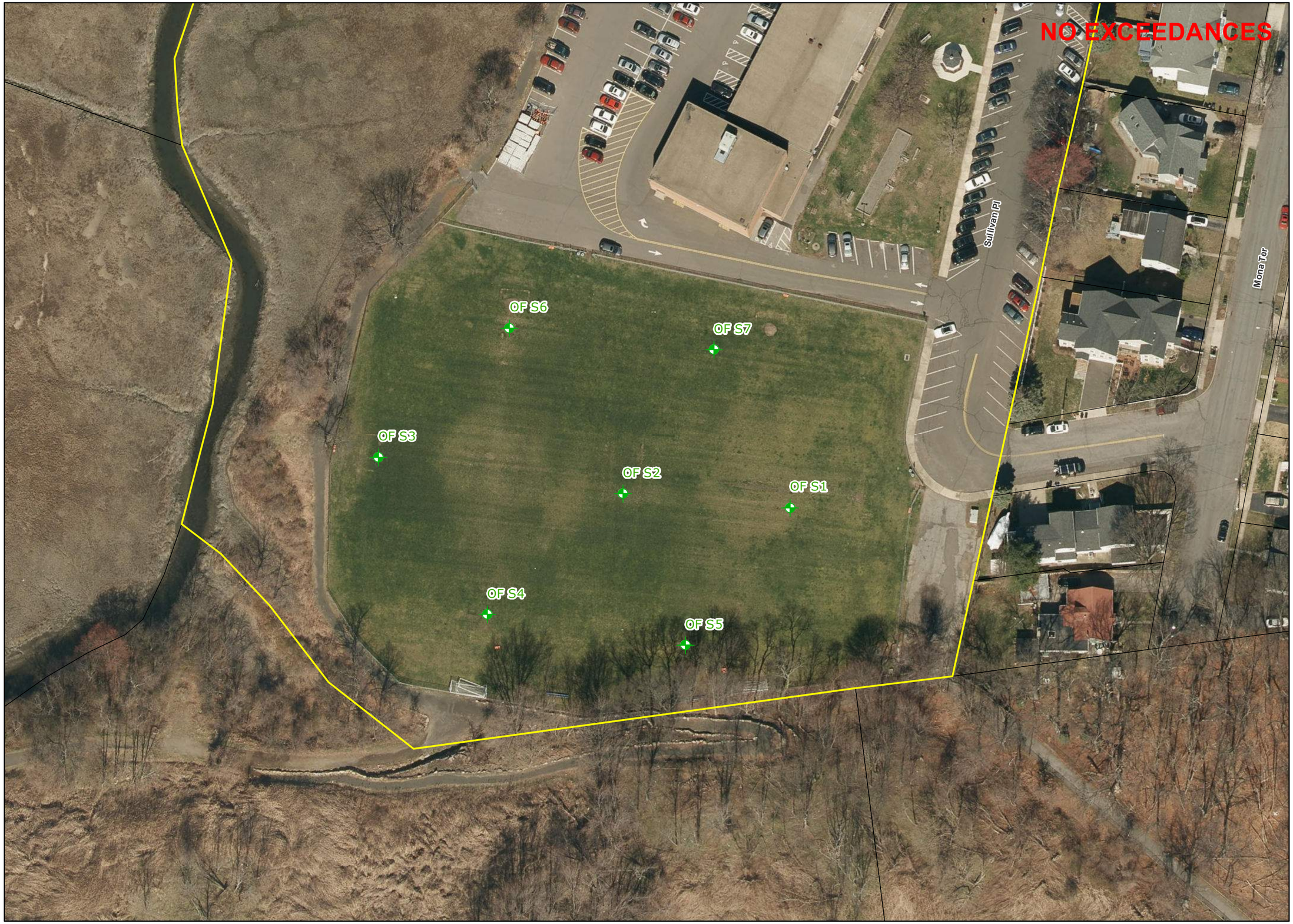
At Oldfield Soccer Field 8 samples were tested for Asbestos, Arsenic, Lead, Extractable Total Petroleum Hydrocarbon (ETPH), PCB's, and Polycyclic Aromatic Hydrocarbon.

No exceedances were found.

When reviewing the following results page, the first column shows the different constituents tested for. The next two columns have the applicable standards which are defined in the key at the bottom of that page. The right most column shows the results of each individual sample.



EXCEEDANCE SUMMARY

LEGEND

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

LOCUS MAP

0 30 60
Feet
1:720

NOTES

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

Oldfield School
100 Mona Terrace
Fairfield, Connecticut

August 2019

Tighe&Bond
Engineers | Environmental Specialists

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OLDFIELD
Summary of Soil Sample Analytical Data
Fairfield, Connecticut
Last Updated: 08/29/2019

Sample ID	CT RSR Criteria		US EPA	OF S1	OF S2	OF S3	OF S4	OF S5	OF S6	PACM-OF S1	OF S7
Sample Date	RES DEC	GA PMC		8/21/19	8/21/19	8/21/19	8/21/19	8/21/19	8/21/19	8/21/19	8/21/19
Lab Sample ID				CD90730	CD90731	CD90732	CD90733	CD90734	CD90735	Near OF S6	CD90736
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%
% Chrysotile	NA	NA	NA	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%
% Total Asbestos	NA	NA	1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	-	0.0%
Total Metals 6010D											
Arsenic	10	NA	NA	4.54	3.33	5.11	4.26	5.13	5.37	-	3.42
Lead	400	NA	NA	48.4	37.1	43.8	49.8	73.6	47.7	-	43.8
CTETPH 8015D (mg/Kg)	500	500	NA	<58	<73	<67	<63	<59	<64	-	<70
PCBs SW8082A (mg/Kg)											
PCB-1016	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1221	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1232	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1242	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1248	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1254	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1260	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1262	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PCB-1268	NE	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
Total PCBs	1	NA	NA	<0.39	<0.49	<0.44	<0.42	<0.39	<0.42	-	<0.47
PAHs SW8270D (mg/Kg)											
2-Methylnaphthalene	270	0.56	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Acenaphthene	1,000	8	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Acenaphthylene	1,000	8	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Anthracene	1,000	40	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Benz(a)anthracene	1	1	NA	0.38	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Benzo(a)pyrene	1	1	NA	0.41	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Benzo(b)fluoranthene	1	1	NA	0.41	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Benzo(ghi)perylene	8.4	1	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Benzo(k)fluoranthene	8.4	1	NA	0.42	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Chrysene	84	1	NA	0.44	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Dibenz(a,h)anthracene	1	1	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Fluoranthene	1,000	5.6	NA	0.8	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Fluorene	1,000	5.6	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Indeno(1,2,3-cd)pyrene	1	1	NA	0.28	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Naphthalene	1,000	5.6	NA	<0.27	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Phenanthrene	1,000	4	NA	0.36	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33
Pyrene	1,000	4	NA	0.73	<0.34	<0.31	<0.3	<0.28	<0.29	-	<0.33

CTDEEP RSRs- Connecticut Department of Energy and Environmental Protection Remediation Standard Regulations (June 27, 2013)
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
Bold values indicate exceedances of I/C DEC
ND- None Detected
PACM- Potential Asbestos Containing Material
[1]- Asbestos analysis of Bulk Materials via EPA 600/R-93/116 Method Using Polarized Light Microscopy at EMSL Analytical, Inc.
[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.