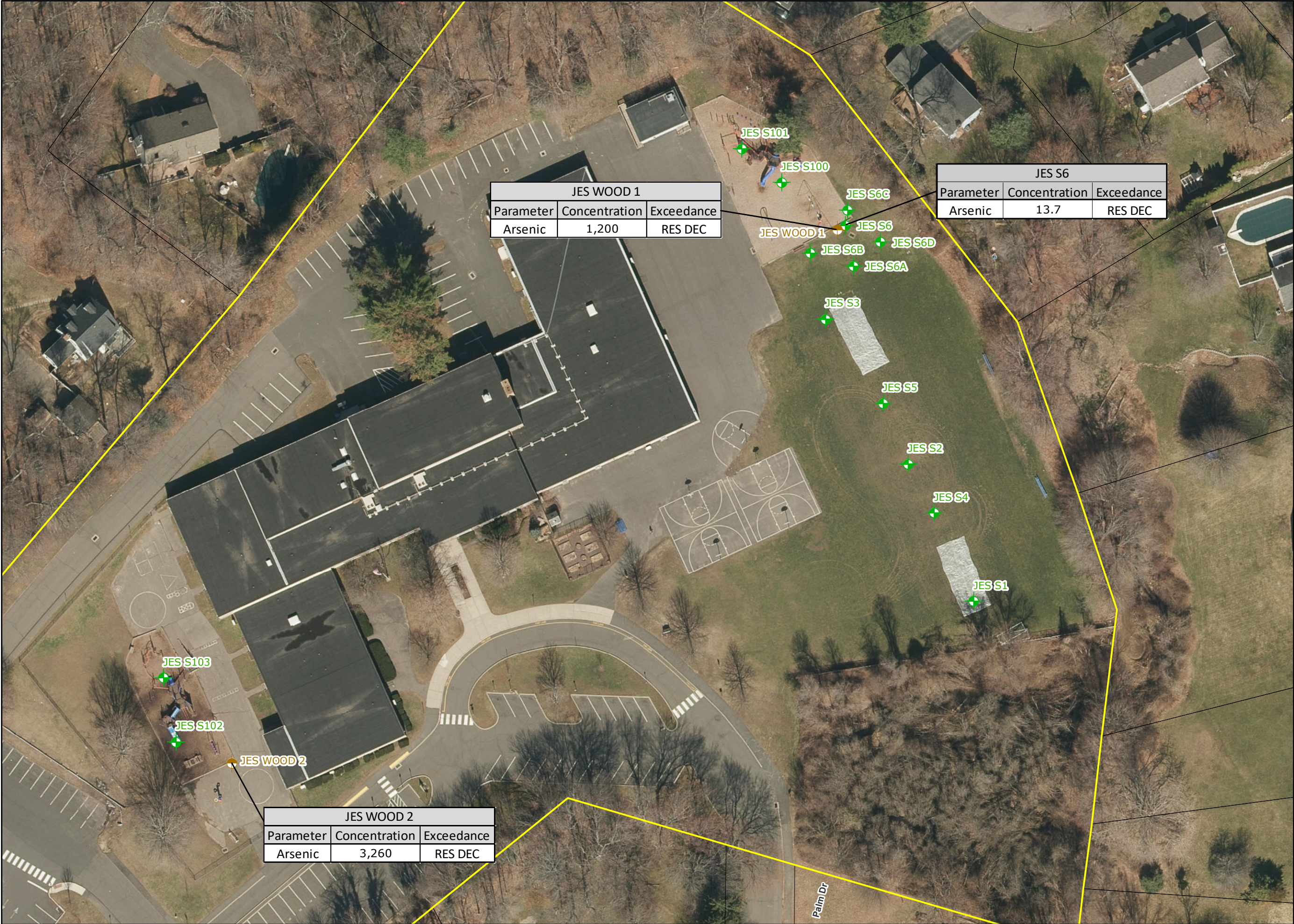




EXCEEDANCE SUMMARY

LEGEND

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

LOCUS MAP

0 30 60
Feet
1:720

NOTES

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

**Jennings Elementary School
Playground**
1115 Fairfield Woods Road
Fairfield, Connecticut

October 2019

Tighe&Bond
Engineers | Environmental Specialists

JENNINGS ELEMENTARY SCHOOL

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

Sample ID	CT RSR Criteria		US EPA	JES S1	JES S2	JES S3	JES S4	JES S5	JES S6	JES WOOD-1	JES WOOD 2	JES S6A	JES S6A	JES S6B	JES S6B	JES S6C	JES S6C	JES S6D	JES S6D
Sample Depth	RES DEC	GB PMC		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	1.0-1.5 ft	0-0.5 ft	1.0-1.5 ft	0-0.5 ft	1.0-1.5 ft	0-0.5 ft	1.0-1.5 ft
Sample Date				8/21/19	8/21/19	8/21/19	8/21/19	8/21/19	8/21/19	9/6/19	9/6/19	9/10/19	9/10/19	9/10/19	9/10/19	9/10/19	9/10/19	9/10/19	9/10/19
Lab Sample ID				CD89502	CD89503	CD89504	CD89505	CD89506	CD89507	CD99698	CE28762	CE01088	CE01089	CE01090	CE01091	CE01092	CE01093	CE01094	CE01095
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	6.46	6.35	8.23	5.39	7.15	13.7	1,200	3,260	5.3	2.76	6.37	2.9	4.99	4.13	3.54	2.77
Lead	400	NA	NA	27.7	21.6	25.2	16.7	25	50.9	-	-	-	-	-	-	-	-	-	-
CTETPH 8015D (mg/Kg)	500	2500	NA	< 57	< 53	< 60	< 55	< 56	91	-	-	-	-	-	-	-	-	-	-
PCBs SW8082A (mg/Kg)																			
PCB-1016	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1221	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1232	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1242	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1248	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1254	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1260	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1262	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PCB-1268	NE	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
Total PCBs	1	NA	NA	<0.38	<0.36	<0.4	<0.37	<0.37	<0.39	-	-	-	-	-	-	-	-	-	-
PAHs SW8270D (mg/Kg)																			
2-Methylnaphthalene	270	5.6	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Acenaphthene	1,000	84	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Acenaphthylene	1,000	84	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Anthracene	1,000	400	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Benz(a)anthracene	1	1	NA	<0.27	<0.25	<0.28	<0.25	<0.26	0.36	-	-	-	-	-	-	-	-	-	-
Benzo(a)pyrene	1	1	NA	0.34	<0.25	<0.28	<0.25	<0.26	0.39	-	-	-	-	-	-	-	-	-	-
Benzo(b)fluoranthene	1	1	NA	0.3	<0.25	<0.28	<0.25	<0.26	0.44	-	-	-	-	-	-	-	-	-	-
Benzo(ghi)perylene	8.4	1	NA	0.3	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Benzo(k)fluoranthene	8.4	1	NA	0.27	<0.25	<0.28	<0.25	<0.26	0.39	-	-	-	-	-	-	-	-	-	-
Chrysene	84	1	NA	0.3	<0.25	<0.28	<0.25	<0.26	0.47	-	-	-	-	-	-	-	-	-	-
Dibenz(a,h)anthracene	1	1	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Fluoranthene	1,000	56	NA	0.42	0.27	<0.28	0.27	0.29	0.72	-	-	-	-	-	-	-	-	-	-
Fluorene	1,000	56	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Indeno(1,2,3-cd)pyrene	1	1	NA	0.31	<0.25	<0.28	<0.25	<0.26	0.3	-	-	-	-	-	-	-	-	-	-
Naphthalene	1,000	56	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Phenanthrene	1,000	40	NA	<0.27	<0.25	<0.28	<0.25	<0.26	<0.27	-	-	-	-	-	-	-	-	-	-
Pyrene	1,000	40	NA	0.41	0.25	<0.28	0.26	0.28	0.68	-	-	-	-	-	-	-	-	-	-

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

RES DEC- Residential Direct Exposure Criteria

GB PMC- Pollutant Mobility Criteria in a GA groundwater area

NE- Not established

NA- Not Applicable

CT ETTPH- 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

Grev 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.