

TABLE 1
Summary of Soil Analytical Results
Test Pit and Soil Excavation Data
300 Saybrook Road
Haddam, Connecticut

					GeoQuest Test Pits										Sidewalls at GeoQuest Remedial Areas					Tighe & Bond Test Pits												
Sample Name	CTDEEP RSR				TP-101	TP-102	TP-102	TP-2	TP-103	TP-3	TP-104	TP-105	TP-5	AOC-11N	AOC-11S	AOC-15E	AOC-6S	AOC-8N	TP-201	TP-201	TP-202	TP-202	TP-203	TP-204	TP-204	TP-205	TP-206	TP-206	TP-207	TP-209		
Sample Depth	RES	Criteria			0 - 4 ft	0 - 1.3 ft	2 - 2.5 ft	1.5 - 3 ft	0 - 3.5 ft	0.5 - 2 ft	0 - 4.5 ft	0 - 5.5 ft	1 - 3 ft	0 - 2 ft	2 - 4 ft	2 - 4 ft	3 - 4 ft	3 - 4 ft	0 - 2 ft	3 - 4 ft	4 - 5 ft	5 - 6 ft	0 - 2 ft	0 - 2 ft	2 - 4 ft	7 - 8 ft	2 - 4 ft	2 - 4 ft	4 - 5 ft	2 - 4 ft	2 - 4 ft	
Sample Date	DEC	I/C	GA	GWPC	10/14/2021	10/14/2022	10/14/2023	10/14/2021	10/14/2024	10/14/2021	10/14/2025	10/14/2026	10/14/2021	CJ80949	CJ80950	CJ83250	CJ80947	CJ80948	CJ80956	CJ80955	CJ80957	CJ80958	CJ80959	CJ80960	CJ80961	CJ80962	CJ80963	CJ80964	CJ80965	CJ80966	CJ80967	
Lab Sample ID	DEC		PMC					CJ56677		CJ56678			CJ56680	GCJ80947	GCJ80947	GCJ83250	GCJ80947	GCJ80948	GCK98056	GCK98055	GCK98057	GCK98058	GCK98059	GCK98060	GCK98061	GCK98062	GCK98063	GCK98064	GCK98065	GCK98066	GCK98067	
Lab Report ID								GCJ56676		GCJ56676			GCJ56676	GCJ80947	GCJ80947	GCJ83250	GCJ80947	GCJ80948	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	GCK98055	
CTETPH 8015D (mg/Kg)	500	2,500	500	NA	-	-	-	<61	-	<54	-	-	610	<60	870	470	<62	<79	-	670	-	-	-	-	-	150	<75	340	-	-	190	560
SPLP CTETPH (ug/L)	NA	NA	NA	250	-	-	-	-	-	-	-	-	<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Metals 6010D (mg/Kg)																																
Antimony	27	8,200	NA	NA	BDL	BDL	BDL	<3.8	BDL	<3.2	BDL	BDL	<3.2	<3.6	14.8	5.3	<3.7	6.1	-	5.5	7.5	<3.6	-	-	<4.5	<5.5	<4.0	<3.8	<3.8	<3.9	<3.6	
Arsenic	10	10	NA	NA	1.9	3	2.6	2.33	BDL	1.48	2.4	1.5	5.55	3.34	18.1	10.7	20.8	24.1	-	7.45	3.51	<0.72	-	-	4.46	1.9	5.27	6.36	1.64	3.48	5.79	
Barium	4,700	140,000	NA	NA	24	55	43	45.1	24	26.2	29	39	72.1	54.5	95.8	191	69.0	226	-	148.0	108.00	8.95	-	-	54.70	42.80	98.80	92.50	45.30	33.50	345.00	
Beryllium	2	2	NA	NA	BDL	BDL	BDL	0.46	BDL	0.26	BDL	BDL	0.29	0.43	0.68	0.64	<0.30	1.96	-	0.32	<0.33	<0.29	-	-	<0.36	1.19	<0.32	0.65	0.59	<0.31	0.42	
Cadmium	34	1,000	NA	NA	BDL	BDL	BDL	0.69	BDL	0.47	BDL	BDL	1.66	2.38	15.2	1.93	3.80	2.42	-	2.91	1.75	<0.36	-	-	2.09	1.17	3.52	2.12	1.07	1.44	2.76	
Chromium (Total)	100	100	NA	NA	11	20	13	12.1	6.9	6.38	8.5	12	17.5	18.7	117	26.2	20.0	17.0	-	18.20	12.00	2.49	-	-	18.00	23.10	70.30	16.80	14.30	13.80	22.70	
Copper	2,500	76,000	NA	NA	18	190	9	14.5	12	12.2	26	10	58.7	59.6	318	77.6	417	54.4	-	52.2	40.3	2.7	-	-	53.3	13.8	73.4	48.2	11.5	31.3	64.8	
Lead	400	1,000	NA	NA	47	180	24	12.3	24	28.4	81	20	112	113	109	189	93.2	293	-	213.0	92,500	12.70	-	-	82.00	67.60	131.00	91.70	5.55	81.60	246.00	
Mercury (7471B)	20	610	NA	NA	BDL	BDL	BDL	0.09	BDL	0.04	BDL	BDL	0.28	0.14	0.10	0.39	0.98	0.08	-	0.15	0.11	<0.03	-	-	0.26	0.25	4.86	0.16	0.06	0.08	0.58	
Nickel	1,400	7,500	NA	NA	8.5	45	14	12.9	5.8	6.08	14	11	19.0	17.5	155	29.4	21.2	23.6	-	14.80	10.10	2.32	-	-	18.10	12.70	19.70	12.60	9.65	10.70	13.70	
Silver	340	10,000	NA	NA	BDL	BDL	BDL	<0.38	BDL	<0.32	BDL	BDL	<0.32	<0.36	<0.43	<0.37	<0.37	<0.53	-	<0.37	0.92	<0.36	-	-	<0.45	<0.55	<0.40	<0.38	<0.38	<0.39	<0.36	
Vanadium	470	14,000	NA	NA	26	21	23	23.1	17	18.3	23	20	27.6	24.6	36.9	26.7	41.8	30.9	-	37.6	15.60	7.84	-	-	34.50	41.60	52.80	32.60	31.70	36.10	33.60	
Zinc	20,000	610,000	NA	NA	47	1,900	65	36.8	30	27.8	44	53	79.3	174	135	133	179	96.1	-	117.0	65.6	13.2	-	-	105.0	55.0	499.0	97.9	48.6	58.5	159.0	
SPLP Metals 6010D (mg/L)																																
Antimony	NA	NA	0.006	NA	BDL	BDL	BDL	-	BDL	-	BDL	BDL	0.018	-	<0.005	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	
Arsenic	NA	NA	0.05	NA	BDL	BDL	BDL	-	BDL	-	BDL	BDL	<0.004	-	0.011	-	<0.004	0.012	-	-	-	-	-	-	-	-	-	-	-	-	-	
Barium	NA	NA	1	NA	0.14	0.15	0.17	-	0.55	-	0.77	0.76	0.025	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Copper	NA	NA	1.3	NA	BDL	BDL	BDL	-	0.095	-	0.67	BDL	0.016	-	0.039	-	<0.010	<0.010	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lead	NA	NA	0.015	NA	BDL	BDL	BDL	-	0.2	-	1.7	0.026	0.040	-	0.067	-	<0.010	0.112	-	-	1.23	-	-	-	-	-	-	-	-	-	-	
Mercury (7470A)	NA	NA	0.002	NA	BDL	BDL	BDL	-	BDL	-	BDL	0.054	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Zinc	NA	NA	5	NA	0.07	1.2	0.12	-	0.31	-	0.47	0.35	0.031	-	0.035	-	<0.010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PCBs 8082A (mg/Kg)																																
Aroclor-1260								-	-	-	-	-	-	<0.390	<0.450	-	-	-	-	-	-	-	-	-	-	<0.44	-	-	<0.39	-	-	<0.39
PCBs (Total)	1	10	NA	NA	-	-	-	-	-	-	-	-	-	<0.390	<0.450	-	-	-	-	-	14	<0.34	-	-	<0.44	-	-	<0.39	-	-	<0.39	
Pesticides 8081B (mg/Kg)																																
DDD, 4,4-	NS	NS	NS	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	-	-	-	<0.0017	<0.006	-	-	-	-	-	-	-	
DDE, 4,4-	NS	NS	NS	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.02	-	-	-	<0.0017	<0.0016	-	-	-	-	-	-	-	
DDT, 4,4-	NS	NS	NS	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.026	-	-	-	<0.0017	<0.0016	-	-	-	-	-	-	-	
DDT (Total)	1.8	17	0.003	NA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.059	-	-	-	<0.0017	<0.0060	-	-	-	-	-	-	-	
SPLP Pesticides 8081B (ug/L)																																
DDT (Total)	NA	NA	NA	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.055	-	-	-	-	-	-	-	-	-	-	-	-	
PAHs 8270D (mg/Kg)																																
Acenaphthene	1,000	2,500	84		BDL	BDL	BDL	<0.290	BDL	<0.240	BDL	BDL	<0.240	<0.270	<0.310	<0.270	<0.280	<0.360	-	<2.6	<0.28	<0.24	-	-	<0.31	<0.35	<0.45	<0.27	<0.28	<0.26	3.3	
Acenaphthylene	1,000	2,500	8.4	NA	BDL	0.61	BDL	<0.290	BDL	<0.240	BDL	BDL	2.3	<0.2																		