

Table 1 - Summary of Groundwater Analytical Data
Silver Lane and Forbes Street
East Hartford, Connecticut

DRAFT

Sample Name:	Remediation Standard Regulations		General Permit Limit for Surface Water Discharge	MW-1	MW-2	MW-3	MW-3
Sample Date:	GWPC	SWPC		5/11/2022	5/11/2022	5/11/2022	10/27/2025
Miscellaneous/Inorganics (ug/L except pH)							
Nitrite-N	-	-	-	-	-	-	ND < 10
Nitrate-N	-	-	-	-	-	-	1,620
pH	-	-	-	-	-	-	6.21
Settleable Solids	-	-	-	-	-	-	ND < 100
Nitrogen Tot Kjeldahl	-	-	-	-	-	-	110
Total Nitrogen	-	-	-	-	-	-	1,730
Phosphorus, as P	-	-	-	-	-	-	ND < 10
Total Suspended Solids	-	-	30,000	-	-	-	ND < 2,000
Metals (ug/L)							
Arsenic	50	4	0.021	ND < 4	ND < 4	ND < 4	ND < 4
Barium	1,000	2,200	-	-	-	-	9
Cadmium	5	6	10	-	-	-	ND < 1
Chromium	50	-	342	-	-	-	ND < 1
Copper	1,300	48	48	ND < 5	ND < 5	ND < 5	ND < 5
Iron	0	10,000	-	-	-	-	39
Lead	15	13	9.8	ND < 2	2	ND < 2	1
Mercury	2	0.4	ND	-	-	-	ND < 0.2
Selenium	50	50	40	-	-	-	ND < 10
Silver	36	12	5	-	-	-	ND < 1
Zinc	5,000	123	322	-	-	-	ND < 4
Extractable Total Petroleum Hydrocarbons (ETPH) (ug/L)							
ETPH	250	250	5,000	ND < 66	ND < 66	ND < 66	ND < 160
Volatile Organic Compounds (ug/L)							
VOCs	Varies	Varies	total < 10	ND	ND	ND	ND
Polyaromatic Hydrocarbons (PAHs) (ug/L)							
PAHs	Varies	Varies	total < 5	-	-	-	ND
Pesticides (ug/L)							
Dieldrin	0.002	0.1	ND	0.011	ND < 0.001	0.015	0.044

Notes:

SWPC is the Surface Water Protection Criteria GWPC is the Groundwater Protection Criteria

ND or ND < 1.4 = Sample not detected above reporting limits shown

Italics = No current RSR criteria; common Additional Polluting Substances criteria from CTDEEP 2018 Technical Support Document are provided for comparison. Site-specific approval from CTDEEP is required for use of these criteria.

Bolded values exceed the GWPC

ug/L = micrograms per liter

NE = None Established