

Table 2 - Groundwater Baseline Data (Q4 Sept 24, 2024)

Analyte	Compliance Standard		MW-1	MW-2	MW-3	MW-5	Method Used	Detection Limit(ug/L)	Notes
Aluminum (Al) Dissolved	5	mg/L	ND	ND	0.005	ND	EPA 200.8	0.001	
Antimony(Sb) Dissolved	0.006	mg/L	ND	ND	ND	ND	EPA 200.8	0.0012	
Arsenic (As) Dissolved	0.01	mg/L	ND	0.0009	ND	0.0008	EPA 200.8	0.0006	
Barium(Ba) Dissolved	2	mg/L	0.0469	0.792	0.0795	0.0884	EPA 200.8	0.0007	
Beryllium (Be) Dissolved	0.004	mg/L	ND	ND	ND	ND	EPA 200.8	0.0001	
Boron (B) Dissolved	0.75	mg/L	0.2	0.21	0.18	0.19	EPA 200.8	0.05	
Cadmium(Cd) Dissolved	0.005	mg/L	ND	ND	ND	ND	EPA 200.8	0.0001	
Chloride (Cl)	250	mg/L	158	164	166	178	EPA 300.0	0.5	
Chromium(Cr) Dissolved	0.1	mg/L	ND	ND	ND	ND	EPA 200.8	0.0015	
Cobalt (Co) Dissolved	0.05	mg/L	0.0003	0.0003	0.0003	0.0002	EPA 200.8	0.0002	
Copper (Cu) Dissolved	0.2	mg/L	0.0011	0.0018	0.0008	0.0014	EPA 200.8	0.0008	
Fluoride(F)	2	mg/L	1.03	0.91	0.94	1.04	EPA 300.0	0.5	
Iron (Fe) Dissolved	0.3	mg/L	ND	ND	ND	ND	EPA 200.8	0.005	
Lead(Pb) Dissolved	0.05	mg/L	ND	ND	ND	ND	EPA 200.8	0.0001	
Lithium(Li) Dissolved	2.5	mg/L	ND	ND	ND	ND	EPA 200.7	0.1	
Nickel (Ni) Dissolved	0.1	mg/L	0.0015	0.0019	0.0016	0.0015	EPA 200.8	0.0009	
Nitrate(NO3)	10	mg/L	4.11	11.6	10.3	4.24	EPA 300.0	0.25	
Nitrite (NO2)	1	mg/L	ND	ND	ND	ND	EPA 300.0	0.15	
Nitrite & Nitrate (NO2+NO3)	10	mg/L	4.11	11.6	10.3	4.24	EPA 300.0	0.05	
Manganese (Mn) Dissolved	0.05	mg/L	0.0015	ND	ND	ND	EPA 200.8	0.0008	
Mercury (Hg) Dissolved	0.01	mg/L	ND	ND	ND	ND	EPA 245.1	0.0001	
Molybdenum(Mo) Dissolved	0.21	mg/L	0.0068	0.0024	0.0078	0.0063	EPA 200.8	0.0005	
Selenium(Se) Dissolved	0.05	mg/L	0.0009	0.0011	ND	0.0011	EPA 200.8	0.0008	
Silver(Ag) Dissolved	0.05	mg/L	ND	ND	ND	ND	EPA 200.8	0.0005	
Sulfate (SO 4)	250	mg/L	192	208	193	193	EPA 300.0	0.5	
Thallium(Tl) Dissolved	0.002	mg/L	ND	ND	ND	ND	EPA 200.8	0.0002	
Uranium(U) Dissolved	0.0168	mg/L	0.0075	0.0057	0.0059	0.0049	EPA 200.8	0.0002	
Vanadium (V) Dissolved	0.1	mg/L	ND	0.002	0.001	0.002	EPA 200.8	0.001	
Zinc (Zn) Dissolved	2	mg/L	ND	ND	ND	ND	EPA 200.8	0.001	
TDS		(1.25 x the background value)	757	828	773	877	SM2540C	10 mg/L	

*ND = Non Detect