

Table 2 - Groundwater Baseline Data (Q3 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	0.01	0.001	0.013	0.004	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	0.0012	ND	0.0009	EPA 200.8	0.0006	
Barium(Ba) Dissolved	2	mg/L	0.0455	0.081	0.0608	0.0878	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	0.21	0.23	0.21	0.24	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	144	174	158	157	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	0.0002	0.0002	EPA 200.8	0.0002	
Copper (Cu) Dissolved	0.2	mg/L	0.0012	0.0022	ND	0.0018	EPA 200.8	0.0008	
Fluoride(F)	2	mg/L	0.9	0.85	0.83	0.89	EPA 300.0	0.5	
Iron (Fe) Dissolved	0.3	mg/L	0.036	ND	ND	0.007	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	0.0019	0.0023	0.0019	0.002	EPA 200.8	0.0009	
Nitrate(NO3)	10	mg/L	3.81	13.4	5.61	7.06	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	3.81	13.4	5.61	7.06	EPA 300.0	0.05	
Manganese (Mn) Dissolved	0.05	mg/L	ND	0.0011	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	0.0084	0.0028	0.0073	0.0072	EPA 200.8	0.0005	
Selenium(Se) Dissolved	0.05	mg/L	0.0016	0.002	0.0017	0.0019	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	178	227	198	201	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	0.009	0.0115	0.0114	0.0066	EPA 200.8	0.0002	
Vanadium (V) Dissolved	0.1	mg/L	0.001	0.002	0.001	0.003	EPA 200.8	0.001	
Zinc (Zn) Dissolved	2	mg/L	0.001	ND	0.001	ND	EPA 200.8	0.001	
TDS		(1.25 x the background value)	741	980	800	775	SM2540C	10 mg/L	

*ND = Non Detect