Monitor Well Number	Element	Reg 41 Values (mg/l)	2024 Q1 Result (mg/l)	2024 Q2 Results (mg/l)	2024 Q3 Result (mg/l)	2024 Q4 Results (mg/l)	2025 Q1 Result (mg/l)	2025 Q2 Result (mg/l)	2025 Q3 Result (mg/l)	2025 Q4 Result (mg/l)
1	Fluoride	2	0.35	0.73		0.32	0.56	0.48	0.58	
	Chloride	250	167	70		161	192	154	140	
	Sulfate	250	443	349		431	461	59	400	
	Nitrogen, Nitrate (NO3)	10	11.9							
	Nitrogen, Nitrite (NO2)	1	<0.20							
	Nitrogen + Nitrate as Nitrogen	10	11.9	2.3		8.3	9	9.9	6.8	
	Solids, Total Dissolved	X	1380	812		1210	1290	1220	1100	
	Dissolved Metal Analysis									
	Aluminum	5	<0.1	<0.25		0.18	<0.05	<0.05	0	
	Antimony	0.006	<0.03	<0.0004		<0.0004	<0.0004	<0.0004	0	
	Arsenic	0.01	<0.025	0.0011		0.0011	0.00082	0.0008	0.00075	
	Barium	2	0.059	0.0273		0.0743	0.0543	0.0534	0.036	
	Beryllium	0.004	<0.01	<0.0002		<0.0002	<0.0002		0	
	Boron	0.75	0.253	0.236		0.238	0.242	0.243	0.24	
	Cadmium	0.005	<0.01	<0.0001	Not Available	<0.0001	<0.0001	<0.0001	0	
	Chromium	0.1	<0.01	<0.01		<0.002	<0.002	<0.002	0	
	Cobalt	0.05	<0.005	0.00034		0.00091	0.0011	0.001	0.007	
	Copper	0.2	<0.01	0.0022		<0.002	0.0031	<0.002	0.0014	
	Iron	0.3	<0.07	<0.02		0.011	<0.02	<0.02	0	
	Lead	0.05	<0.05	<0.0005		<0.0005	<0.0005	<0.05	0	
	Lithium	2.5		0.0693		0.0831	0.0748	0.0773	0.069	
	Manganese	0.05	0.119	0.0486		0.0569	0.0451	0.033	0.026	
	Mercury	0.002	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	0	
	Molybdenum	0.21	<0.01	0.0109		0.0038	0.002	0.0022	0.0058	
	Nickel	0.1	<0.03	0.0022		<0.002	<0.002	<0.002	0.0016	
	Selenium	0.02	<0.05	0.0017		0.00074	<0.0004	<0.0004	0.00088	
	Silver	0.05	<0.03	<0.0001		<0.0001	<0.0001	<0.0001	0	
	Thallium	0.002	<0.01	<0.0002		<0.0002	<0.0002	<0.0002	0	
	Uranium	0.03	0.0524	0.116		0.0588	0.0516	0.0558	0.00027	
	Vanadium	0.1	<0.01	<0.005		0.0017	0.0013	0.0012	0	
	Zinc	2	<0.03	<0.01		<0.01	<0.01	<0.01	0	

Means meets regulation or Not Detected (0 was used for ND)

Element	Recommendation
Sulfate	These elements exceeded Reg 41 thresholds during at least one quarter in at least one well, therefore they should continue to be included in future testing
Nitrogen + Nitrate	
Barium	
Manganese	
Uranium	
TDS	

Monitor Well Number	Element	Reg 41 Values (mg/l)	2024 Q1 Result (mg/l)	2024 Q2 Results (mg/l)	2024 Q3 Result (mg/l)	2024 Q4 Results (mg/l)	2025 Q1 Result (mg/l)	2025 Q2 Result (mg/l)	2025 Q3 Result (mg/l)	2025 Q4 Result (mg/l)
2	Fluoride	2		0.73		0.75	0.56	0.8	0.87	
	Chloride	250		70		59.5	77.6	81.9	65	
	Sulfate	250		349		671	720	725	540	
	Nitrogen, Nitrate (NO3)	10								
	Nitrogen, Nitrite (NO2)	1								
	Nitrogen + Nitrate as Nitrogen	10		9.5		0.68	8.9	8.6	2.1	
	Solids, Total Dissolved	X		812		1210	1410	1400	1100	
	Dissolved Metal Analysis									
	Aluminum	5		<0.25		0.092	<0.05	<0.05	0	
	Antimony	0.006		<0.0004		<0.0004	<0.0004	<0.0004	0	
	Arsenic	0.01		0.00077		0.0011	0.00074	0.00059	0.0012	
	Barium	2		4.803		0.0628	0.0531	0.0543	0.026	
	Beryllium	0.004		<0.0002		<0.0002	<0.0002	0	0	
	Boron	0.75		0.303		0.267	0.32	0.317	0.29	
	Cadmium	0.005	Not Available	<0.0001	Not Available	<0.0001	<0.0001	<0.0001	0	
	Chromium	0.1		<0.01		<0.002	<0.002	<0.002	0	
	Cobalt	0.05		0.00046		0.0004	0.00033	<0.0002	0	
	Copper	0.2		0.0021		<0.002	<0.002	<0.002	0.001	
	Iron	0.3		0.159		0.0794	0.0655	<0.02	0	
	Lead	0.05		<0.0005		<0.0005	<0.0005	<0.0005	0	
	Lithium	2.5		0.112		0.0973	0.0988	0.102	0.089	
	Manganese	0.05		0.175		0.136	0.143	0.142	0.12	
	Mercury	0.002		<0.0001		<0.0001	<0.0001	<0.0001	0	
	Molybdenum	0.21		0.0166		0.0177	0.0096	0.0099	0.013	
	Nickel	0.1		<0.002		<0.002	<0.002	<0.002	0	
	Selenium	0.02		0.0047		0.00047	0.0031	0.0026	0.0015	
	Silver	0.05		<0.0001		<0.0001	<0.0001	<0.0001	0	
	Thallium	0.002		<0.0002		<0.0002	<0.0002	<0.0002	0	
	Uranium	0.03		0.085		0.0283	0.0516	0.0411	0.00026	
	Vanadium	0.1		<0.005		0.0013	<0.001	<0.001	0	
	Zinc	2		<0.01		<0.01	<0.01	<0.01	0	

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3	Fluoride	2		0.42		0.36	0.57	0.38	0.49	
	Chloride	250		91.4		88.3	94.8	110	94	
	Sulfate	250		515		502	508	572	490	
	Nitrogen, Nitrate (NO3)	10								
	Nitrogen, Nitrite (NO2)	1								
	Nitrogen + Nitrate as Nitrogen	10		10		11.7	10.6	11.9	11	
	Solids, Total Dissolved	X		1120		1150	1060	1050	1200	
	Dissolved Metal Analysis									
	Aluminum	5		<0.05		<0.05	<0.05	<0.05	0	
	Antimony	0.006		<0.0004		<0.0004	<0.0004	<0.0004	0	
	Arsenic	0.01		0.00028		0.0003	0.00029	0.00035	0	
	Barium	2		0.0241		0.039	0.045	0.0343	0.026	
	Beryllium	0.004		<0.0002		<0.0002	<0.0002		0	
	Boron	0.75		0.239		0.239	0.241	0.252	0.25	
	Cadmium	0.005	Not Available	<0.0001	Not Available	<0.0001	<0.0001	<0.0001	0	
	Chromium	0.1		<0.002		<0.002	<0.002	<0.002	0	
	Cobalt	0.05		0.00045		0.00025	0.00026	<0.0002	0	
	Copper	0.2		<0.002		<0.002	<0.002	<0.002	0	
	Iron	0.3		<0.02		<0.02	<0.02	<0.02	0	
	Lead	0.05		<0.0005		<0.0005	<0.0005	<0.0005	0	
	Lithium	2.5		0.0543		0.0532	0.0433	0.0466	0.048	
	Manganese	0.05		0.0385		0.0348	0.0316	0.0312	0.019	
	Mercury	0.002		<0.0001		<0.0001	<0.0001	<0.0001	0	
	Molybdenum	0.21		0.0016		0.0015	0.0016	0.0017	0.0017	
	Nickel	0.1		<0.002		<0.002	<0.002	<0.002	0.0012	
	Selenium	0.02		0.00058		0.00063	0.00052	0.0005	0	
	Silver	0.05		<0.0001		<0.0001	<0.0001	<0.0001	0	
	Thallium	0.002		<0.0002		<0.0002	<0.0002	<0.0002	0	
	Uranium	0.03		0.0509		0.0483	0.0501	0.0533	0.00026	
	Vanadium	0.1		<0.001		<0.001	<0.001	<0.001	0	
	Zinc	2		<0.01		<0.01	<0.01	<0.01	0	

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Manganese	
Uranium	
TDS	

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4	Fluoride	2	0.21	0.25		<0.20	0.18	0.25	0.29	
	Chloride	250	89.6	93.8		93..5	96.7	97.7	97	
	Sulfate	250	454	501		483	490	477	480	
	Nitrogen, Nitrate (NO3)	10	11.7							
	Nitrogen, Nitrite (NO2)	1	<0.0080							
	Nitrogen + Nitrate as Nitrogen	10	11.7	10.9		12.6	10.8	11.7	13	
	Solids, Total Dissolved	X	1170	1100		1110	1100	1000	1200	
	Dissolved Metal Analysis									
	Aluminum	5	<0.1	<0.05		<0.05	<0.05	<0.05	0	
	Antimony	0.006	<0.03	<0.0004		<0.0004	<0.0004	<0.0004	0	
	Arsenic	0.01	<0.025	0.00027		0.00032	0.00027	0.00026	0	
	Barium	2	0.0242	0.0236		0.0443	0.0251	0.0256	0.022	
	Beryllium	0.004	<0.01	<0.0002		<0.0002	<0.0002		0	
	Boron	0.75	0.26	0.261		0.26	0.254	0.261	0.26	
	Cadmium	0.005	<0.01	<0.0001	Not Available	<0.0001	<0.0001	<0.0001	0	
	Chromium	0.1	<0.01	<0.002		<0.002	<0.002	<0.002	0	
	Cobalt	0.05	<0.005	0.00027		0.00034	0.0002	<0.0002	0	
	Copper	0.2	<0.01	<0.002		<0.002	<0.002	<0.002	0	
	Iron	0.3	<0.07	<0.02		<0.02	<0.02	<0.02	0	
	Lead	0.05	<0.05	<0.0005		<0.0005	<0.0005	<0.0005	0	
	Lithium	2.5	0	0.0367		0.0454	0.03	0.0323	0.034	
	Manganese	0.05	0.0474	0.0536		0.0556	0.0462	0.0291	0.022	
	Mercury	0.002	<0.0001	<0.0001		<0.0001	<0.0001	<0.0001	0	
	Molybdenum	0.21	<0.01	0.0013		0.0012	0.0013	0.0012	0.0012	
	Nickel	0.1	<0.03	<0.002		<0.002	<0.002	<0.002	0.0012	
	Selenium	0.02	<0.05	<0.0004		<0.0004	<0.0004	<0.0004	0.00055	
	Silver	0.05	<0.03	<0.0001		<0.0001	<0.0001	<0.0001	0	
	Thallium	0.002	<0.01	<0.0002		<0.0002	<0.0002	<0.0002	0	
	Uranium	0.03	0.0527	0.0523		0.0542	0.055	0.0557	0.00026	
	Vanadium	0.1	<0.01	<0.001		<0.001	<0.001	<0.001	0	
	Zinc	2	<0.03	<0.01		<0.01	<0.01	<0.01	0	

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