

Annual Inorganics Analysis - 2024

PARAMETER	UNITS	MCL	Well 6	Well 7	Well 9	Well 11	Well 12	Well 13	Well 14	Well 16	Well 17	Well 18	Well 19	Well 20	Well 24	Well 25	Well 26	Well 27	Well 28	Well 29	Well 30	Well 31	PARAMETER
Alkalinity (CaCO ₃)	mg/L	--	330	330	330	340	270	320	350	280	280	280	280	270	270	310	280	310	270	310	260	340	Alkalinity (CaCO ₃)
Aluminum	µg/L	SMCL: 50	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	<9.0	Aluminum
Antimony	µg/L	6	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	Antimony
Arsenic	µg/L	10	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	<1.1	Arsenic
Barium	µg/L	2000	30	35	38	21	15	38	69	26	23	17	18	9.6	14	7.2	18	28	16	51	18	21	Barium
Beryllium	µg/L	4	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	Beryllium
Cadmium	µg/L	5	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	Cadmium
Calcium	mg/L	--	100	78	91	87	68	84	110	83	63	70	68	55	59	60	65	83	63	73	59	64	Calcium
Chloride	mg/L	SMCL: 250	110	24	73	82	2.6	46	210	120	45	17	9.7	1.6	5.9	4.0	15	42	2.6	12	7.4	1.9	Chloride
Chromium, Total	µg/L	100	<1.2	<1.2	<1.2	2.0	<1.2	<1.2	2.6	<1.2	<1.2	<1.2	<1.2	1.2	<1.2	1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	Chromium, Total
Chromium, Hexavalent	µg/L	--	2.0	<0.02	0.91	0.77	0.60	1.3	1.9	1.2	0.03	0.48	<0.02	0.55	<0.02	0.57	0.34	<0.02	<0.02	0.10	<0.02	<0.02	Chromium, Hexavalent
Conductivity	umhos / cm	--	1100	720	940	930	570	830	1400	990	730	640	590	500	530	580	580	810	550	630	540	620	Conductivity
Copper	µg/L	AL: 1300	10.0	1.7	24	2.3	4.3	2.9	7.1	2.8	2.3	6.9	6.4	4.1	9.1	1.4	12.0	2.4	0.99	0.76	1.8	9.1	Copper
Fluoride	mg/L	4	0.70	0.77	0.77	0.66	0.72	0.80	0.72	0.71	0.68	0.70	0.52	0.72	0.75	0.67	0.79	0.65	0.76	0.80	0.70	0.81	Fluoride
Hardness (CaCO ₃)	mg/L	--	460	370	420	440	310	390	530	390	340	330	310	270	290	310	300	380	290	330	280	340	Hardness (CaCO ₃)
Iron	mg/L	SMCL: 0.3	<0.044	0.068	<0.044	<0.044	<0.044	<0.044	<0.044	<0.044	0.090	<0.044	0.190	<0.044	0.25	<0.044	<0.044	0.12	0.17	<0.044	0.20	<0.044	Iron
Lead	µg/L	AL: 15	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	0.37	<0.25	<0.25	<0.25	Lead
Magnesium	mg/L	--	49	42	47	53	34	44	62	43	46	37	33	32	34	39	33	42	32	36	33	44	Magnesium
Manganese	µg/L	SMCL: 50	<0.50	2.7	<0.50	7.5	<0.50	1.8	<0.50	<0.50	34	35	45	1.1	32	2.3	28	30	20	1.5	13	<0.50	Manganese
Mercury	µg/L	2	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	<0.047	Mercury
Nickel	µg/L	100	1.6	<1.0	<1.0	1.2	<1.0	<1.0	1.7	<1.0	1.1	<1.0	1.3	<1.0	<1.0	<1.0	2.4	2.5	1.9	<1.0	<1.0	<1.0	Nickel
Nitrogen-Nitrate	mg/L	10	3.29	<0.220	2.15	2.78	0.934	4.13	3.62	3.10	<0.160	0.840	<0.160	0.497	<0.220	1.04	1.53	0.387	<0.220	2.05	<0.220	<0.220	Nitrogen-Nitrate
Nitrogen-Nitrite	mg/L	1	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	Nitrogen-Nitrite
pH (Lab)	s.u.	--	7.0	7.2	7.0	7.2	7.1	7.1	7.4	7.1	7.5	7.2	7.1	7.4	7.4	7.3	7.3	7.0	7.2	7.2	7.3	7.2	pH (Lab)
Selenium	µg/L	50	1.2	<1.0	1.1	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	Selenium
Silver	µg/L	SMCL: 100	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	1.9	<0.70	0.82	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	<0.70	Silver
Sodium	mg/L	--	39	10	26	27	2.5	19	64	44	16	7.0	4.7	2.3	5.3	3.5	7.6	19	2.7	5.8	4.3	3.5	Sodium
Strontium	µg/L	--	86	96	81	95	60	83	90	73	83	91	95	51	71	64	53	94	49	75	100	75	Strontium
Sulfate	mg/L	SMCL: 250	26	37	21	26	10	17	24	12	39	18	7.8	8.2	13	6.6	13	37	23	12	21	9.5	Sulfate
Thallium	µg/L	2	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	Thallium
Turbidity	NTU	--	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	Turbidity
Zinc	µg/L	SMCL: 5000	<1.8	<1.8	4.5	4.0	6.3	<1.8	3.9	7.6	2.0	4.8	<1.8	2.4	7.0	2.5	6.7	4.4	8.8	1.8	2.3	3.7	Zinc

MCL - Maximum Contaminant Level

SMCL - Secondary MCL

AL: Action Level

s.u. - Standard Unit