

Annual Inorganics Analysis - 2022

PARAMETER	UNITS	MCL	Well 6	Well 7	Well 8	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	
	Sample Date		5/23/2022	5/24/2022	8/31/2022	5/24/2022	5/24/2022	5/23/2022	5/24/2022	5/23/2022	5/23/2022	8/1/2022	5/23/2022	5/23/2022	5/23/2022	5/24/2022	8/2/2022	8/2/2022	5/23/2022	5/23/2022	5/24/2022	5/23/2022	5/24/2022	Sample Date	
Alkalinity (CaCO ₃)	mg/L	--	320	318	311	326	331	275	314	338	280	274	276	280	263	264	284	378	300	269	306	262	333	Alkalinity (CaCO ₃)	
Aluminum	µg/L	SMCL: 50	0.47	0.36	< 10.0	0.47	0.35	0.59	< 0.3	2.56	0.59	< 10.0	0.62	0.34	0.44	0.30	< 10.0	< 10.0	0.41	0.44	0.45	0.47	0.38	Aluminum	
Antimony	µg/L	6	< 0.1	< 0.1	n/s	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 10.0	< 0.1	< 0.1	< 0.1	< 0.1	< 10.0	< 10.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	Antimony	
Arsenic	µg/L	10	< 0.2	< 0.2	< 7.0	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 7.0	< 0.2	< 0.2	< 0.2	< 0.2	< 7.0	< 7.0	< 0.2	< 0.2	< 0.2	0.32	< 0.2	Arsenic	
Barium	µg/L	2000	28	37	35	37	20	16	35	66	20	23	16	18	10	13	6.4	23	28	16	49	18	22	Barium	
Beryllium	µg/L	4	< 0.1	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	Beryllium	
Cadmium	µg/L	5	< 0.1	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.5	< 0.5	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	Cadmium	
Calcium	mg/L	--	97	78	65	92	86	62	78	107	74	64	63	64	57	58	60	69	80	66	71	61	63	Calcium	
Chloride	mg/L	SMCL: 250	100	24	26	86	79	3.4	49	189	75	44	16	9.8	< 2.2	6.8	4.2	36	46	2.6	8.5	7.8	2.2	Chloride	
Chromium, Total	µg/L	100	2.3	0.26	< 1.0	1.2	1.1	1.0	1.5	2.3	1.1	< 1.0	0.78	0.32	0.84	0.20	< 1.0	< 1.0	0.34	0.20	0.31	0.26	0.32	Chromium, Total	
Chromium, Hexavalent	µg/L	--	1.9	n/s	n/s	n/s	n/s	n/s	2.6	2.6	2.4	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	n/s	Chromium, Hexavalent	
Conductivity	umhos / cm	--	961	726	616	919	909	549	792	1260	800	674	602	566	511	541	653	653	775	555	628	558	634	Conductivity	
Copper	µg/L	1300	9.5	1.4	4.8	16	2.2	2.0	1.8	5.4	2.5	2.4	1.8	9.9	2.6	0.8	5.5	11	3.6	1.4	1.5	2.8	10	Copper	
Fluoride	mg/L	4	0.9	0.9	0.7	0.8	0.8	0.9	0.9	0.7	0.9	0.7	1.0	0.7	0.8	0.8	0.7	0.8	0.8	0.9	1.0	0.7	0.9	Fluoride	
Hardness (CaCO ₃)	mg/L	--	451	377	324	436	430	291	380	497	352	331	304	293	282	289	328	333	343	308	330	297	351	Hardness (CaCO ₃)	
Iron	mg/L	SMCL: 0.3	< 0.06	0.84	0.77	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	0.13	< 0.06	0.21	< 0.06	0.19	< 0.02	< 0.02	0.16	0.18	< 0.06	0.20	< 0.06	Iron
Lead	µg/L	15	< 0.1	< 0.1	< 5.0	0.14	0.11	< 0.1	0.14	< 0.1	< 0.1	< 5.0	< 0.1	0.38	0.13	< 0.1	< 5.0	< 5.0	< 0.1	0.19	< 0.1	< 0.1	< 0.1	Lead	
Magnesium	mg/L	--	51	44	39	50	53	33	45	56	40	42	36	33	34	35	43	39	35	35	37	35	47	Magnesium	
Manganese	µg/L	SMCL: 50	< 0.1	3.9	48	0.2	5.8	0.2	1.9	< 0.1	4.1	33	1.8	44	1.2	27	0.6	2.6	32	22	1.0	13	0.2	Manganese	
Mercury	µg/L	2	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.03	< 0.01	< 0.01	< 0.01	< 0.01	0.03	0.03	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	Mercury	
Nickel	µg/L	100	2.0	0.92	< 1.0	0.90	1.2	0.76	0.73	1.2	2.1	< 1.0	0.63	1.2	0.97	0.49	< 1.0	< 1.0	2.4	1.2	0.87	0.47	0.53	Nickel	
Nitrogen-Nitrate	mg/L	10	2.6	< 0.05	n/s	2.2	2.7	1.2	4.3	3.5	1.9	< 0.05	0.8	< 0.05	0.5	< 0.05	1.1	2.8	0.4	< 0.05	1.9	< 0.05	< 0.05	Nitrogen-Nitrate	
Nitrate&Nitrite	mg/L	10	2.6	< 0.07	< 0.07	2.2	2.7	1.2	4.3	3.5	1.9	< 0.07	0.8	< 0.07	0.5	< 0.07	1.1	2.8	0.4	< 0.07	1.9	< 0.07	< 0.07	Nitrate&Nitrite	
Nitrogen-Nitrite	mg/L	1	< 0.02	< 0.02	n/s	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	Nitrogen-Nitrite	
pH (Lab)	s.u.	--	7.4	7.7	7.9	7.4	7.4	7.6	7.5	7.5	7.5	7.8	7.5	7.7	7.7	7.7	7.7	7.7	7.5	7.5	7.4	7.7	7.5	pH (Lab)	
Selenium	µg/L	50	1.9	0.89	< 20	1.9	1.8	1.0	1.7	1.7	0.91	< 20	1.0	0.94	0.86	0.76	< 20	< 20	1.6	0.60	1.5	0.87	0.66	Selenium	
Silver	µg/L	SMCL: 100	< 0.1	< 0.1	< 5.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5.0	< 0.1	< 0.1	< 0.1	< 0.1	< 5.0	< 5.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	Silver	
Sodium	mg/L	--	37	9.5	10	31	27	2.6	20	63	29	16	6.4	4.7	2.3	5.5	3.2	14	2.7	2.7	4.3	4.5	3.5	Sodium	
Strontium	µg/L	--	90	103	69	91	99	60	84	95	67	83	89	97	56	77	62	58	55	55	80	108	80	Strontium	
Sulfate	mg/L	SMCL: 250	30	40	19	27	30	11	20	25	19	43	19	9.2	8.7	15	7.3	17	40	22	13	23	10	Sulfate	
Thallium	µg/L	2	< 0.1	< 0.1	n/s	< 0.1	0.21	0.11	< 0.1	< 0.1	0.26	n/s	< 0.1	0.13	< 0.1	< 0.1	n/s	n/s	0.18	< 0.1	< 0.1	< 0.1	< 0.1	Thallium	
Total Solids	mg/L	SMCL: 500	566	414	362	516	504	294	434	670	460	410	328	294	264	296	378	378	430	296	348	280	342	Total Solids	
Zinc	µg/L	SMCL: 5000	9.6	6.4	15	8.6	11	16	9.3	9.5	18	< 3.0	7.0	8.9	7.8	7.1	3.2	21	14	16	7.2	5.5	11	Zinc	

MCL - Maximum Contaminant Level

SMCL - Secondary MCL

s.u. - Standard Unit