

	Unit	MCL	Prospector				Upper Deer Valley				Lower Deer Valley				Old Town			
			2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr
			2022	2022	2022	2023	2022	2022	2022	2023	2022	2022	2022	2023	2022	2022	2022	2022
Antimony	mg/l	0.006	0.0008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0051	0.0044	0.0025	0.0044	0.0007	< 0.0005	< 0.0005	0.0007	< 0.0005	< 0.0005	
Arsenic	mg/l	0.01	0.0016	0.0009	0.0007	0.0006	0.0021	0.0020	0.0015	0.0031	0.0012	0.0007	< 0.0005	0.0007	0.0014	0.0009	0.0008	0.0006
Barium	mg/l	2	0.048	0.090	0.080	0.099	0.012	0.013	0.033	0.013	0.052	0.085	0.064	0.084	0.047	0.090	0.082	0.095
Calcium	mg/l	N/A	125	89.3	102	82	78.1	90.2	113	83	116	82.0	75.0	84.2	114	79.0	88.6	72.4
Cadmium	mg/l	0.005	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chloride (1)	mg/L	250	21.7	95.1	141	44	49.6	47.0	118	45	180	75.1	77.8	48.6	171	70.1	105	74
Copper (2)	mg/l	1.3	0.0014	0.0015	0.0029	0.0011	< 0.0010	< 0.0010	0.0041	< 0.0010	0.0014	0.0019	0.0030	< 0.0010	0.0044	0.0040	0.0041	0.0182
Fluoride	mg/l	4.0	0.1	< 0.1	< 0.1	< 0.1	0.3	0.2	0.2	0.3	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1
Hardness	mg/l	N/A	442	311	358	283	296	336	403	314	414	286	265	294	405	273	310	257
Hardness	gpg	N/A	25.80	18.17	20.91	16.53	17.3	19.6	23.5	18.3	24.2	16.7	15.5	17.17	23.7	15.9	18.1	15.0
Iron (1)	mg/l	0.3	0.03	< 0.02	0.02	0.09	0.10	0.03	0.10	< 0.02	0.27	0.13	0.27	0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead (2)	mg/l	0.015	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	mg/l	0.002	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.00015
Magnesium	mg/l	N/A	31.7	21.3	25.1	19.0	24.4	26.9	29.6	26.1	30.4	19.8	18.8	20.4	29.2	18.5	21.6	18.6
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	< 0.0005	0.0050	0.0017	0.0006	0.0017	< 0.0005	0.0343	0.0150	0.0657	0.0044	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrate	mg/l	10	0.8	3.6	0.6	0.3	< 0.1	< 0.1	0.3	< 0.10	0.6	2.1	0.5	0.40	0.7	0.3	0.4	0.3
pH	SU	N/A	7.4	7.6	7.5	7.8	8.4	7.5	7.4	8.0	7.5	7.8	7.7	7.6	7.5	7.8	7.65	7.82
Selenium	mg/l	0.05	0.0020	0.0007	0.0010	< 0.0005	0.0028	0.0028	0.0021	0.0028	0.0018	0.0006	0.0006	0.0007	0.0018	0.0006	0.0007	< 0.0005
Sodium	mg/l	N/A	79.0	40.4	47.7	28.3	15.4	16.2	50.3	14.1	74.9	35.5	30.6	37.0	73.7	32.0	38.8	35.6
Sulfate (3)	mg/l	1000	9.0	69.2	94.7	21.2	254	265	258	248	180	54.6	63.6	66.8	170	52.1	76.6	27.4
Total Dissolved Solids (4)	mg/L	2000	772	452	568	264	496	472	592	504	732	380	396	436	728	396	468	424
Thallium	mg/l	0.002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	0.0002	0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002

	Unit	MCL	Thaynes				Iron Canyon				Park Meadows				Fairway Hills			
			2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr	2nd Qtr	3rd Qtr	4th Qtr	1st Qtr
			2022	2022	2022	2023	2022	2022	2022	2023	2022	2022	2022	2023	2022	2022	2022	2022
Antimony	mg/l	0.006	0.0007	< 0.0005	0.0007	< 0.0005	< 0.0005	< 0.0005	0.0007	< 0.0005	0.0008	0.0007	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Arsenic	mg/l	0.01	0.0017	0.0019	0.0016	0.0007	0.0015	0.0020	0.0017	0.0008	0.0016	0.0016	0.0005	< 0.0005	0.0008	0.0006	0.0006	0.0006
Barium	mg/l	2	0.043	0.009	0.051	0.095	0.010	0.010	0.051	0.081	0.049	0.055	0.052	0.088	0.078	0.081	0.089	0.102
Calcium	mg/l	N/A	122	60.7	134	83	61.0	61.1	127	95	127	135	156	069	37.7	49.3	60.8	82.9
Cadmium	mg/l	0.005	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chloride (1)	mg/L	250	193	5.1	178.0	99.9	6.3	51.1	173.0	104.0	209	191	211	051	21.8	18.5	25.6	45.6
Copper (2)	mg/l	1.3	0.0066	0.0040	0.0039	0.0180	0.0076	0.0107	0.0077	0.0055	0.0049	0.0049	0.0042	0.0026	0.0011	0.0011	0.0012	0.0010
Fluoride	mg/l	4.0	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Hardness	mg/l	N/A	428	207	470	296	199	208	447	332	450	475	475	241	129	172	211	286
Hardness	gpg	N/A	25.0	12.1	27.5	17.3	11.6	12.2	26.1	19.4	26.3	27.7	27.7	14.1	7.5	10.0	12.3	16.7
Iron (1)	mg/l	0.3	0.03	< 0.02	< 0.02	< 0.02	< 0.02	0.06	0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead (2)	mg/l	0.015	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	mg/l	0.002	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Magnesium	mg/l	N/A	30.0	13.3	32.8	21.4	11.4	13.4	31.2	23.1	32.7	33.5	33.0	16.6	8.4	11.8	14.5	19.2
Manganese (1)	mg/l	0.05	0.0009	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0006	0.0011	< 0.0005	< 0.0005	0.0005	0.0019	0.0046	< 0.0005	< 0.0005	0.0010
Nitrate	mg/l	10	0.8	0.3	0.7	0.4	0.5	3.4	0.7	0.4	0.9	0.7	0.7	0.3	< 0.1	< 0.1	0.2	0.3
pH	SU	N/A	7.4	7.6	7.4	7.6	7.5	7.5	7.4	7.7	7.4	7.5	7.4	7.7	7.7	7.7	7.8	7.8
Selenium	mg/l	0.05	0.0020	0.0010	0.0019	0.0005	0.0012	0.0010	0.0021	0.0009	0.0020	0.0019	0.0019	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Sodium	mg/l	N/A	74.6	4.1	82.9	46.0	4.3	4.1	76.3	45.5	84.9	90.8	83.5	26.5	11.9	12.0	15.3	29.9
Sulfate (3)	mg/l	1000	198	39.2	216.0	56.0	34.4	35.8	216.0	95.9	212	213	256	023	8.8	13.7	21.2	19.4
Total Dissolved Solids (4)	mg/L	2000	760	220	792	504	240	236	768	536	844	808	804	372	168	260	300	260
Thallium	mg/l	0.002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002

- Key**
- mg/l - This unit describes the level of the detected substance. One mg/l is approximately equal to one drop of food coloring in 13 gallons of water.
- gpg - Grain per gallon is a unit of water hardness defined as 1 grain (64.8 milligrams) of calcium carbonate dissolved in 1 gallon of water
- MCL - Maximum Contaminant Level set by the Environmental Protection Agency; See definition in Annual Water Quality Consumer Confidence Report
- N/A - Not applicable
- NS - Not sampled (heavy snow and ice accumulation prevented vault entry)
- (1) Secondary MCLs have been established by EPA for iron, manganese and chloride. EPA does not enforce SMCLs. They are established only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations such as color, taste and odor. These substances are not considered to present a risk to human health at the SMCL.
- (2) Action levels have been established, rather than MCLs. If an action level is exceeded in over 10% of samples collected within homes, steps must be taken to reduce the concentrations to below the action level.
- (3) Utah MCL for sulfate is 1000 mg/L. UDEQ DDW requires that if the sulfate level is greater than 500 mg/L, the water system shall satisfactorily demonstrate that: (a) No better quality water is available, and (b) The water shall not be available for human consumption from commercial establishments. In no case shall DDW allow the use of water having a sulfate level greater than 1000 mg/L. (The federal government has a secondary, or aesthetic, standard for sulfate of 250 mg/L). Park City is taking active measures to minimize TDS concentrations through source blending.
- (4) Utah MCL for TDS is 2000 mg/L. UDEQ DDW requires that if the TDS is greater than 1000 mg/L, the water system shall satisfactorily demonstrate to DDW that no better water is available. DDW shall not allow the use of an inferior source of water if a better source of water (i.e. lower in TDS) is available. (The federal government has a secondary, or aesthetic, standard for TDS of 500 mg/L).

