

	Unit	MCL	Prospector				Upper Deer Valley				Lower Deer Valley				Old Town			
			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	2nd Qtr
			2022	2022	2023	2023	2022	2022	2023	2023	2022	2022	2023	2023	2022	2022	2023	2023
Antimony	mg/l	0.006	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0044	0.0025	0.0044	0.0041	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0009	0.0008	0.0006	0.0005
Arsenic	mg/l	0.01	0.0009	0.0007	0.0006	0.0006	0.0020	0.0015	0.0031	0.0024	0.0007	< 0.0005	0.0007	0.0005	0.0009	0.0008	0.0006	0.0005
Barium	mg/l	2	0.090	0.080	0.099	0.062	0.013	0.033	0.013	0.013	0.085	0.064	0.084	0.054	0.090	0.082	0.095	0.058
Calcium	mg/l	N/A	89.3	102	82	39.3	90.2	113	83	74.3	82.0	75.0	84.2	31.4	79.0	88.6	72.4	34.9
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	95.1	141	44	34.5	47.0	118	45	57.3	75.1	77.8	18.9	70.1	105	74	27	
Copper (2)	mg/l	1.3	0.0015	0.0029	0.0011	0.0016	< 0.0010	0.0041	< 0.0010	< 0.0010	0.0019	0.003	< 0.001	0.001	0.004	0.0041	0.0182	0.0027
Fluoride	mg/l	4.0	< 0.1	< 0.1	< 0.1	< 0.1	0.2	0.2	0.3	0.1	< 0.1	0.1	< 0.1	< 0.100	< 0.1	< 0.1	0.1	0.2
Hardness	mg/l	N/A	311	358	283	135	336	403	314	282	286	265	294	107	273	310	257	120
Hardness	gpg	N/A	18.17	20.91	16.53	7.89	19.6	23.5	18.3	16.5	16.7	15.5	17.17	6.25	15.9	18.1	15.0	7.01
Iron (1)	mg/l	0.3	< 0.02	0.02	0.09	< 0.02	0.03	0.10	< 0.02	0.08	0.13	0.27	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	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00020	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Magnesium	mg/l	N/A	21.3	25.1	19.0	8.9	26.9	29.6	26.1	23.4	19.8	18.8	20.4	6.9	18.5	21.6	18.6	8
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	0.0050	< 0.0005	0.0006	0.0017	< 0.0005	0.0016	0.0150	0.0657	0.0044	0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrate	mg/l	10	3.6	0.6	0.3	0.35	< 0.1	0.3	< 0.10	< 0.10	2.1	0.5	0.40	0.12	0.3	0.4	0.3	0.21
pH	SU	N/A	7.6	7.5	7.8	7.8	7.5	7.4	8.0	7.8	7.7	7.7	7.6	7.9	7.8	7.65	7.82	7.96
Selenium	mg/l	0.05	0.0007	0.0010	< 0.0005	< 0.0005	0.0028	0.0021	0.0028	0.0026	0.0006	0.0006	0.0007	< 0.0005	0.0006	0.0007	< 0.0005	< 0.0005
Sodium	mg/l	N/A	40.4	47.7	28.3	17.8	16.2	50.3	14.1	15.6	35.5	30.6	17.0	10.8	32.0	38.8	35.6	13.9
Sulfate (3)	mg/l	1000	69.2	94.7	21.2	9.28	265	258	248	241	54.6	63.6	66.8	5.95	52.1	76.6	27.4	7.74
Total Dissolved Solids (4)	mg/L	2000	452	568	264	272	472	592	504	484	380	396	436	208	396	468	424	192
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			
			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	2nd Qtr
			2022	2022	2023	2023	2022	2022	2023	2023	2022	2022	2023	2023	2022	2022	2023	2023
Antimony	mg/l	0.006	< 0.0005	0.0007	< 0.0005	< 0.0005	< 0.0005	0.0007	< 0.0005	< 0.0005	0.0007	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Arsenic	mg/l	0.01	0.0019	0.0016	0.0007	< 0.0005	0.0020	0.0017	0.0008	0.0007	0.0016	0.0016	0.0005	0.0005	0.0008	0.0006	0.0006	0.0005
Barium	mg/l	2	0.009	0.051	0.095	0.052	0.010	0.051	0.081	0.064	0.055	0.052	0.088	0.054	0.081	0.089	0.102	0.058
Calcium	mg/l	N/A	60.7	134	83	31.2	61.1	127	95	43.9	135	136	69.30	32.8	49.3	60.8	82.9	33.2
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	5.1	178.0	99.9	19.8	51.1	173.0	104.0	36.3	191	211	22	18.5	25.6	45.6	22.1	
Copper (2)	mg/l	1.3	0.0040	0.0039	0.0180	0.0021	0.0107	0.0077	0.0055	0.0042	0.0049	0.0042	0.0026	0.0025	0.0011	0.0012	0.0010	0.0016
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	207	470	296	106	208	447	332	150	475	475	241	112	172	211	286	113
Hardness	gpg	N/A	12.1	27.5	17.3	6.19	12.2	26.1	19.4	8.8	27.7	27.7	14.1	6.5	10.0	12.3	16.7	6.6
Iron (1)	mg/l	0.3	< 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	< 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	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00020
Magnesium	mg/l	N/A	13.3	32.8	21.4	6.9	13.4	31.2	23.1	9.7	33.5	33.0	16.6	7.3	11.8	14.5	19.2	7.3
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	< 0.0005	0.0009	< 0.0005	0.0006	0.0011	0.0005	< 0.0005	0.0005	0.0019	< 0.0005	< 0.0005	0.0010	< 0.0005	
Nitrate	mg/l	10	0.3	0.7	0.4	0.2	3.4	0.7	0.4	0.4	0.7	0.7	0.3	0.16	< 0.1	0.2	0.3	0.16
pH	SU	N/A	7.6	7.4	7.6	7.9	7.5	7.4	7.7	7.9	7.5	7.4	7.7	7.88	7.8	7.7	7.8	7.78
Selenium	mg/l	0.05	0.0010	0.0019	0.0005	< 0.0005	0.0010	0.0021	0.0009	< 0.0005	0.0019	0.0019	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Sodium	mg/l	N/A	4.1	82.9	46.0	11.0	4.1	76.3	45.5	18	90.8	83.5	26.5	12	12.0	15.3	29.9	12.2
Sulfate (3)	mg/l	1000	39.2	216.0	56.0	6.3	35.8	216.0	95.9	9.7	213	256	22.3	7.04	13.7	21.2	19.4	6.47
Total Dissolved Solids (4)	mg/L	2000	220	792	504	148	236	768	536	292	808	804	372	152	260	300	260	200
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).

