



	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
			2023	2023	2024	2024	2023	2023	2024	2024	2023	2023	2024	2024	2023	2023	2024	2024
Antimony	mg/l	0.006	< 0.0005	< 0.0005	< 0.0005	0.0031	0.0055	0.0051	0.0048	0.0059	< 0.0005	0.0022	0.0049	0.0017	< 0.0005	0.0019	0.0047	0.0018
Arsenic	mg/l	0.01	0.0012	0.0006	< 0.0005	0.0007	0.0031	0.0029	0.0033	0.0037	0.0009	0.0017	0.0026	0.0007	0.001	0.0017	0.0023	0.0008
Barium	mg/l	2	0.073	0.057	0.082	0.022	0.012	0.013	0.012	0.012	0.081	0.034	0.012	0.035	0.079	0.036	0.02	0.034
Calcium	mg/l	N/A	105.0	75	61	83	85	78.1	80.6	89.6	109	93.6	77.6	56.1	113	85.3	76.4	68.6
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	146	87.2	45.7	15.6	61	49.4	50.2	66.7	169	99.7	48.2	20.7	203	90	45	18
Copper (2)	mg/l	1.3	0.0017	< 0.0010	0.002	0.0014	< 0.001	< 0.0010	< 0.0010	< 0.0012	0.0015	< 0.0010	< 0.0010	< 0.0012	0.0052	0.0026	0.0011	0.0039
Fluoride	mg/l	4.0	< 0.1	0.1	< 0.1	< 0.1	0.2	0.3	0.2	0.2	< 0.1	0.2	0.4	< 0.1	< 0.1	0.2	0.3	< 0.1
Hardness	mg/l	N/A	366	266	214	267	311	292	306	325	382	335	295	182	393	302	290	223
Hardness	gpg	N/A	21.38	15.54	12.50	15.60	18.2	17.1	17.9	19.0	22.32	19.57	17.23	10.63	22.96	17.64	16.94	13.03
Iron (1)	mg/l	0.3	< 0.02	< 0.02	0.06	< 0.03	0.05	0.02	< 0.02	< 0.03	< 0.02	0.05	< 0.02	< 0.03	< 0.02	< 0.02	0.02	< 0.03
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	< 0.0002	< 0.00015	< 0.00016	< 0.0002	< 0.00015	< 0.00015	< 0.0002	< 0.0002	< 0.00015	< 0.00015	< 0.00016	< 0.0002	< 0.00015	< 0.00015	< 0.0002
Magnesium	mg/l	N/A	25.3	19.2	15.2	14.8	14.8	23.6	25.4	24.6	26.5	24.7	24.5	10.2	26.8	21.5	24.0	12.6
Manganese (1)	mg/l	0.05	< 0.0005	0.0019	0.0020	< 0.0007	0.0014	< 0.0005	< 0.0005	< 0.0007	0.0005	0.0011	0.0006	< 0.0007	< 0.0005	< 0.0005	0.0008	< 0.0007
Nitrate	mg/l	10	0.48	0.32	0.12	0.22	< 0.10	< 0.10	< 0.10	< 0.10	0.53	0.28	< 0.10	0.16	0.63	0.28	< 0.10	0.18
pH	SU	N/A	7.5	7.8	7.8	7.7	7.5	7.4	8.1	7.7	7.5	7.8	8.0	8.0	7.6	7.8	8.0	8.1
Selenium	mg/l	0.05	0.0011	0.0006	< 0.0005	0.0024	0.0040	0.0034	0.0028	0.0032	0.0010	0.0021	0.0030	0.0013	0.0014	0.0020	0.0020	0.0017
Sodium	mg/l	N/A	61.7	33.4	25.4	23.8	17.3	15.6	15.4	20.7	61.6	37.1	15.3	16.7	65.8	32.5	15.9	20.4
Sulfate (3)	mg/l	1000	106	61.1	16.9	156	251	261	254	267	98.8	162	258	69.4	106	143	237	95.4
Total Dissolved Solids (4)	mg/L	2000	1370	420	324	456	552	468	476	560	772	556	500	296	872	436	472	336
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
			2023	2023	2024	2024	2023	2023	2024	2024	2023	2023	2024	2024	2023	2023	2024	2024
Antimony	mg/l	0.006	< 0.0005	0.0007	< 0.0005	0.0031	< 0.0005	0.0007	0.0005	0.0028	0.0009	0.0008	0.0006	0.0030	0.0006	0.0005	< 0.0005	0.0027
Arsenic	mg/l	0.01	0.0019	0.0019	0.0010	0.0008	0.0019	0.0017	0.0020	0.0008	0.0017	0.0018	0.0012	0.0007	0.0013	0.0013	0.0009	0.0008
Barium	mg/l	2	0.008	0.051	0.066	0.010	0.011	0.047	0.060	0.014	0.054	0.049	0.056	0.009	0.070	0.049	0.070	0.029
Calcium	mg/l	N/A	58.9	127	115	84.5	58.4	120	96.5	77.5	143	128	137	84.1	148	105	98.5	77.9
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	4.89	191	188	14.9	5.08	181	119	20.2	278	200	253	13.7	289	129	129	32.0
Copper (2)	mg/l	1.3	0.0035	0.0050	0.0030	0.0082	0.0071	0.0095	0.0049	0.0039	0.0053	0.0039	0.0029	0.0100	0.0019	0.0016	0.0014	< 0.0012
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	0.2	< 0.1
Hardness	mg/l	N/A	194	446	404	275	195	426	338	247	500	450	482	273	517	368	346	255
Hardness	gpg	N/A	11.3	26.1	23.6	16.1	11.4	24.9	19.7	14.4	29.2	26.3	28.2	15.9	30.2	21.5	20.2	14.9
Iron (1)	mg/l	0.3	< 0.02	< 0.02	< 0.02	< 0.03	< 0.02	< 0.02	0.03	0.03	< 0.02	0.05	0.02	< 0.03	< 0.02	< 0.02	< 0.02	< 0.02
Lead (2)	mg/l	0.015	< 0.0005	0.0012	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0013	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	mg/l	0.002	< 0.0002	< 0.00015	< 0.00015	< 0.0002	< 0.0002	< 0.00020	< 0.00015	< 0.00016	< 0.0002	< 0.00015	< 0.00015	< 0.0002	< 0.0002	< 0.00015	< 0.00015	< 0.00016
Magnesium	mg/l	N/A	11.4	31.0	28.3	15.6	11.9	30.6	23.5	13.1	34.5	31.4	33.9	15.4	35.7	25.9	24.2	14.7
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0007	< 0.0005	< 0.0005	0.0006	< 0.0007	< 0.0005	0.0007	< 0.0005	< 0.0007	< 0.0005	< 0.0005	< 0.0005	< 0.0007
Nitrate	mg/l	10	0.21	0.77	0.57	0.25	0.27	0.67	0.20	0.28	0.92	0.76	0.73	0.22	1.07	0.47	0.54	0.23
pH	SU	N/A	7.6	7.6	7.6	7.9	7.6	7.4	7.6	7.9	7.3	7.5	7.6	7.9	7.3	7.6	7.6	7.8
Selenium	mg/l	0.05	0.0011	0.0024	0.0012	0.0026	0.0009	0.0018	< 0.0005	0.0026	0.0024	0.0018	0.0025	0.0018	0.0013	0.0014	0.0014	0.0020
Sodium	mg/l	N/A	3.80	88.4	79.6	26.0	4.20	80.5	53.7	23.4	109	90.9	102	24.5	103	64.2	56.8	23.6
Sulfate (3)	mg/l	1000	38.8	214	151	168	37.8	187	131	134	201	230	210	166	179	131	121	116
Total Dissolved Solids (4)	mg/L	2000	256	884	708	472	220	788	560	432	1090	800	892	480	1080	620	600	428
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).