



	Unit	MCL	Prospector				Upper Deer Valley				Lower Deer Valley				Old Town			
			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	3rd Qtr
			2023	2024	2024	2024	2023	2024	2024	2024	2023	2024	2024	2024	2023	2024	2024	2024
Antimony	mg/l	0.006	< 0.0005	< 0.0005	0.0031	0.0009	0.0051	0.0048	0.0059	0.0052	0.0022	0.0049	0.0017	0.0018	0.0019	0.0047	0.0018	0.0037
Arsenic	mg/l	0.01	0.0006	< 0.0005	0.0007	0.0007	0.0029	0.0033	0.0037	0.0028	0.0017	0.0026	0.0007	0.0007	0.0017	0.0023	0.0008	0.0006
Barium	mg/l	2	0.057	0.082	0.022	0.069	0.013	0.012	0.012	0.012	0.034	0.012	0.035	0.04	0.036	0.02	0.034	0.018
Calcium	mg/l	N/A	75	61	83	64	78.1	80.6	89.6	87.9	93.6	77.6	56.1	75.9	85.3	76.4	68.6	106
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	87.2	45.7	15.6	17	49.4	50.2	66.7	52.4	99.7	48.2	20.7	13.5	90	45	18	10
Copper (2)	mg/l	1.3	< 0.0010	0.002	0.0014	0.002	< 0.0010	< 0.0010	< 0.0012	< 0.0012	< 0.0010	< 0.0010	< 0.0012	< 0.0012	0.0026	0.0011	0.0039	0.0087
Fluoride	mg/l	4.0	0.1	< 0.1	< 0.1	< 0.100	0.3	0.2	0.2	0.2	0.2	0.4	< 0.1	< 0.100	0.2	0.3	< 0.1	0.1
Hardness	mg/l	N/A	266	214	267	217	292	306	325	330	335	295	182	254	302	290	223	363
Hardness	gpg	N/A	16	13	16	13	17	18	19	19	20	17	11	15	18	17	13	21
Iron (1)	mg/l	0.3	< 0.02	0.06	< 0.03	< 0.03	0.02	< 0.02	< 0.03	< 0.03	0.05	< 0.02	< 0.03	< 0.03	< 0.02	0.02	< 0.03	< 0.03
Lead (2)	mg/l	0.015	< 0.0005	< 0.0005	< 0.0005	0.0007	< 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	< 0.00016	< 0.00016	< 0.00015	< 0.00015	< 0.0002	< 0.00020	< 0.00015	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00015	< 0.0002	< 0.00016
Magnesium	mg/l	N/A	19.2	15.2	14.8	14.2	23.6	25.4	24.6	26.8	24.7	24.5	10.2	15.6	21.5	24.0	12.6	24
Manganese (1)	mg/l	0.05	0.0019	0.0020	< 0.0007	< 0.0007	< 0.0005	< 0.0005	< 0.0007	< 0.0007	0.0011	0.0006	< 0.0007	< 0.0007	< 0.0005	0.0008	< 0.0007	< 0.0007
Nitrate	mg/l	10	0.32	0.12	0.22	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.28	< 0.10	0.16	0.11	0.28	< 0.10	0.18	0.1
pH	SU	N/A	7.8	7.8	7.9	7.9	7.4	8.1	7.7	8.3	7.8	8.0	8.0	7.9	7.8	8.0	8.1	7.9
Selenium	mg/l	0.05	0.0006	< 0.0005	0.0024	< 0.0007	0.0034	0.0028	0.0032	0.0034	0.0021	0.0030	0.0013	0.0011	0.0020	0.0020	0.0017	0.0018
Sodium	mg/l	N/A	33.4	25.4	23.8	16.7	15.6	15.4	20.7	16.9	37.1	15.3	16.7	19.9	32.5	15.9	20.4	24.8
Sulfate (3)	mg/l	1000	61.1	16.9	156	47.8	261	254	267	249	162	258	69.4	107	143	237	95.4	230
Total Dissolved Solids (4)	mg/L	2000	420	324	456	332	468	476	560	520	556	500	296	404	436	472	336	544
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			
			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	3rd Qtr
			2023	2024	2024	2024	2023	2024	2024	2024	2023	2024	2024	2024	2023	2024	2024	2024
Antimony	mg/l	0.006	0.0007	< 0.0005	0.0031	0.0041	0.0007	0.0005	0.0028	0.0032	0.0008	0.0006	0.0030	0.0039	0.0005	< 0.0005	0.0027	0.0037
Arsenic	mg/l	0.01	0.0019	0.0010	0.0008	0.0006	0.0017	0.0020	0.0008	0.0008	0.0018	0.0012	0.0007	0.0005	0.0013	0.0009	0.0008	0.0005
Barium	mg/l	2	0.051	0.066	0.010	0.011	0.047	0.060	0.014	0.012	0.049	0.056	0.009	0.011	0.049	0.070	0.029	0.011
Calcium	mg/l	N/A	127	115	84.5	106.0	120	96.5	77.5	93.6	128	137	84.1	105	105	98.5	77.9	101
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	191	188	14.9	9.9	181	119	20.2	9.6	200	253	13.7	10	129	129	32.0	9.9
Copper (2)	mg/l	1.3	0.0050	0.0030	0.0082	0.0123	0.0095	0.0049	0.0039	0.0059	0.0039	0.0029	0.0100	0.0063	0.0016	0.0014	< 0.0012	< 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	0.2	< 0.1	< 0.1
Hardness	mg/l	N/A	446	404	275	361	426	338	247	309	450	482	273	360	368	346	255	345
Hardness	gpg	N/A	26	24	16	21	25	20	14	18	26	28	16	21	21	20	15	20
Iron (1)	mg/l	0.3	< 0.02	< 0.02	< 0.03	< 0.03	< 0.02	0.03	0.03	0.05	0.05	0.02	< 0.03	< 0.03	< 0.02	< 0.02	< 0.02	< 0.03
Lead (2)	mg/l	0.015	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	< 0.0005
Mercury	mg/l	0.002	< 0.00015	< 0.00015	< 0.0002	0.00026	< 0.0002	< 0.00015	< 0.00016	< 0.00016	< 0.00015	< 0.00015	< 0.0002	0.0003	< 0.00015	< 0.00015	< 0.00016	< 0.00016
Magnesium	mg/l	N/A	31.0	28.3	15.6	23.5	30.6	23.5	13.1	18.4	31.4	33.9	15.4	23.5	25.9	24.2	14.7	22.6
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	< 0.0007	< 0.0007	< 0.0005	0.0006	< 0.0007	< 0.0007	0.0007	< 0.0005	< 0.0007	< 0.0007	< 0.0005	< 0.0005	< 0.0007	< 0.0007
Nitrate	mg/l	10	0.77	0.57	0.25	0.10	0.67	0.20	0.28	0.14	0.76	0.73	0.22	0.1	0.47	0.54	0.23	0.1
pH	SU	N/A	7.6	7.6	7.9	7.9	7.4	7.6	7.9	7.9	7.5	7.6	7.9	7.7	7.6	7.6	7.8	7.7
Selenium	mg/l	0.05	0.0024	0.0012	0.0026	0.0021	0.0018	< 0.0005	0.0026	0.0018	0.0024	0.0018	0.0025	0.0019	0.0013	0.0014	0.0020	0.0019
Sodium	mg/l	N/A	88.4	79.6	26.0	26.7	80.5	53.7	23.4	24.5	90.9	102	24.5	26.3	64.2	56.8	23.6	24
Sulfate (3)	mg/l	1000	214	151	168	240	187	131	134	192	230	210	166	238	131	121	116	232
Total Dissolved Solids (4)	mg/L	2000	884	708	472	556	788	560	432	524	800	892	480	536	620	600	428	540
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).