

	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
			2020	2020	2020	2021	2020	2020	2020	2021	2020	2020	2020	2021	2020	2020	2020	2021
Antimony	mg/l	0.006	0.0005	< 0.0005	NS	< 0.0005	0.0049	0.0047	0.0048	0.0047	0.0005	< 0.0005	NS	< 0.0005	0.0006	< 0.0005	0.0018	< 0.0005
Arsenic	mg/l	0.01	0.0016	0.0007	NS	0.0005	0.0021	0.0023	0.0017	0.0017	0.0013	0.0008	NS	0.0006	0.0014	0.0008	0.0014	0.0005
Barium	mg/l	2	0.057	0.084	NS	0.077	0.012	0.012	0.013	0.011	0.053	0.082	NS	0.076	0.049	0.087	0.044	0.086
Calcium	mg/l	N/A	147	67.0	NS	55.5	78.7	79.5	77.5	79.2	155	65.2	NS	61.6	136	63.3	70.3	65.7
Cadmium	mg/l	0.005	< 0.0002	< 0.0002	NS	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NS	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chloride (1)	mg/L	250	243	57.6	NS	32.6	43.0	45.4	44.2	40.9	226	50.4	NS	45.2	209	42.8	46.9	59.1
Copper (2)	mg/l	1.3	0.0022	0.0024	NS	0.0013	< 0.001	0.001	< 0.001	< 0.0010	0.0019	< 0.001	NS	0.0377	0.0227	0.0021	0.0013	0.0015
Fluoride	mg/l	4.0	< 0.1	0.11	NS	0.11	0.30	0.29	0.31	0.30	< 0.1	0.11	NS	0.10	< 0.1	0.11	0.19	0.10
Hardness	mg/l	N/A	521	235	NS	194	298	299	294	302	546	228	NS	218	480	221	256	233
Hardness	gpg	N/A	30.4	13.7	NS	11.3	17.4	17.5	17.2	17.6	31.9	13.3	NS	12.7	28.0	12.9	15.0	13.6
Iron (1)	mg/l	0.3	0.11	0.03	NS	< 0.02	0.03	0.04	0.04	< 0.02	0.04	< 0.02	NS	< 0.02	0.02	0.03	< 0.02	< 0.02
Lead (2)	mg/l	0.015	< 0.0005	< 0.0005	NS	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	NS	0.0008	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	mg/l	0.002	< 0.0002	< 0.0002	NS	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NS	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Magnesium	mg/l	N/A	37.0	16.4	NS	13.4	24.7	24.5	24.4	25.4	38.6	15.9	NS	15.6	34.1	15.3	19.6	16.8
Manganese (1)	mg/l	0.05	0.0022	0.0005	NS	< 0.0005	0.0007	0.0005	0.0005	< 0.0005	0.0016	0.0011	NS	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrate	mg/l	10	1.3	0.2	NS	0.3	< 0.2	< 0.2	0.1	0.1	1.3	0.2	NS	0.2	1.2	0.2	0.2	0.3
pH	SU	N/A	7.3	7.9	NS	8.1	7.8	7.9	7.7	8.1	7.3	7.9	NS	8.0	7.4	8.0	8.2	7.9
Selenium	mg/l	0.05	0.0014	< 0.0005	NS	< 0.0005	0.0021	0.0029	0.0029	0.0027	0.0018	0.0005	NS	< 0.0005	0.0017	< 0.0005	0.0015	0.0005
Sodium	mg/l	N/A	73.7	22.6	NS	17.7	13.3	14.5	13.9	13.3	68.7	21.5	NS	21.7	69.8	20.1	19.5	26.8
Sulfate (3)	mg/l	1000	179	30.2	NS	14.5	256	259	257	262	189	32.2	NS	17.8	190	30.7	120	33.9
Total Dissolved Solids (4)	mg/L	2000	868	336	NS	280	492	476	428	448	848	344	NS	276	816	296	364	316
Thallium	mg/l	0.002	< 0.0002	< 0.0002	NS	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	NS	< 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
			2020	2020	2020	2021	2020	2020	2020	2021	2020	2020	2020	2021	2020	2020	2020	2021
Antimony	mg/l	0.006	0.0006	< 0.0005	< 0.0005	0.0005	0.0006	< 0.0005	< 0.0005	< 0.0005	0.0005	< 0.0005	0.0009	< 0.0005	< 0.0005	< 0.0005	0.0008	< 0.0005
Arsenic	mg/l	0.01	0.0014	0.0018	0.0019	0.0011	0.0018	0.0016	0.0019	0.0015	0.0013	0.0012	0.0013	0.0005	0.0012	0.0008	0.0019	0.0005
Barium	mg/l	2	0.051	0.009	0.009	0.060	0.050	0.012	0.006	0.037	0.054	0.074	0.082	0.077	0.058	0.085	0.035	0.080
Calcium	mg/l	N/A	133	54.4	54.0	108	141	57.6	51.9	74.7	123	117	60.5	62.4	156	54.6	105	58.7
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	0.0008	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002
Chloride (1)	mg/L	250	199	5.6	5.4	158	203	6.0	5.9	73.6	176	188	23.4	44.5	271	21.7	104	35.2
Copper (2)	mg/l	1.3	0.0083	0.0059	0.0063	0.0051	0.0011	0.0017	< 0.001	0.0021	0.0041	0.0044	0.0072	0.0029	< 0.001	0.0087	0.0019	< 0.001
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	0.11	0.1	< 0.1	0.11	< 0.1	0.1
Hardness	mg/l	N/A	470	187	189	384	495	194	180	262	433	414	210	220	550	194	369	207
Hardness	gpg	N/A	27.5	10.9	11.0	22.4	28.9	11.3	10.5	15.3	25.3	24.2	12.3	12.9	32.1	11.3	21.6	12.1
Iron (1)	mg/l	0.3	0.06	< 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
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	0.0008	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Mercury	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
Magnesium	mg/l	N/A	33.3	12.3	13.1	27.7	34.7	12.1	12.2	18.2	30.7	29.3	14.4	15.7	38.9	14.0	25.8	14.5
Manganese (1)	mg/l	0.05	0.0019	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0005	< 0.0005	0.0008	< 0.0005	< 0.0005	0.0011	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrate	mg/l	10	1.1	0.3	0.3	0.6	1.1	0.3	0.3	0.4	1.0	0.9	0.4	0.3	1.4	< 0.1	0.8	0.3
pH	SU	N/A	7.4	7.5	7.6	7.5	7.5	7.6	7.6	7.7	7.5	7.5	8.2	7.9	7.3	8.1	7.3	8.1
Selenium	mg/l	0.05	0.0015	0.001	0.0011	0.0017	0.0016	0.0012	0.0009	0.0009	0.0013	0.0018	0.0012	< 0.0005	0.0012	< 0.0005	0.0023	< 0.0005
Sodium	mg/l	N/A	67.1	3.8	3.9	59.9	68.0	3.9	3.5	31.0	59.8	67.7	14.3	20.9	75.3	14.2	36.3	18.9
Sulfate (3)	mg/l	1000	187	47.3	48.8	135	186	35.7	48.8	69.8	165	140	15.9	22.9	178	10.8	165	15.1
Total Dissolved Solids (4)	mg/L	2000	808	220	200	572	788	228	224	368	704	704	268	272	948	216	596	304
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	0.0006	< 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).