



			Prospector				Upper Deer Valley				Lower Deer Valley				Old Town			
	Unit	MCL	Jul-17	Oct-17	Jan-18	Apr-18	Jul-17	Oct-17	Jan-18	Apr-18	Jul-17	Oct-17	Jan-18	Apr-18	Jul-17	Oct-17	Jan-18	Apr-18
Antimony	mg/l	0.006	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0007	0.0039	0.0036	0.0030	0.0007	0.0036	0.0020	0.0042	0.0012	0.0009	< 0.0005	0.0020
Arsenic	mg/l	0.01	0.0007	0.0007	0.0005	0.0006	0.0013	0.0020	0.0017	0.0015	0.0014	0.0019	0.0014	0.0021	0.0018	0.0019	0.0010	0.0013
Barium	mg/l	2	0.087	0.087	0.074	0.067	0.064	0.025	0.020	0.025	0.051	0.023	0.047	0.013	0.048	0.042	0.048	0.046
Calcium	mg/l	N/A	61.4	61.8	60.2	49.5	146	77.0	72.6	73.7	129	81.4	69.5	79.2	124	111	92.2	86.6
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	26	19	24	21	175	38	42	40	177	45	52	43	114	113	95	22
Copper (2)	mg/l	1.3	0.0418	0.0038	< 0.001	0.0024	0.0106	0.0023	0.0014	0.0027	< 0.001	0.0011	< 0.001	0.0012	0.0039	0.0089	0.0076	0.0042
Fluoride	mg/l	4.0	0.2	0.2	0.2	< 0.1	0.2	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.2	< 0.1	0.2	0.1
Hardness	mg/l	N/A	214	218	208	171	514	290	271	269	454	297	254	295	436	397	326	292
Hardness	gpg	N/A	12.5	12.7	12.2	10.0	30.0	16.9	15.8	15.7	26.5	17.4	14.8	17.2	25.5	23.2	19.0	17.1
Iron (1)	mg/l	0.3	< 0.02	0.06	< 0.02	0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.02	< 0.02	0.03	0.05	0.06	0.07	< 0.02	0.03
Lead (2)	mg/l	0.015	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0008	< 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	< 0.0002	< 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	14.8	15.6	13.9	11.5	36.1	23.7	21.9	20.7	32.1	22.8	19.5	23.6	30.9	29.1	23.3	18.5
Manganese (1)	mg/l	0.05	< 0.0005	0.0013	< 0.0005	0.0006	< 0.0005	0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0009	0.0015	0.0022	0.0019	0.0007	0.0014
Nitrate	mg/l	10	0.2	0.3	0.4	0.1	1.1	0.2	0.5	0.1	1.2	0.6	0.7	< 0.2	0.8	0.8	0.7	0.6
pH	SU	N/A	7.94	7.91	7.82	7.62	7.19	7.66	7.89	7.77	7.17	7.56	7.49	7.43	7.76	7.71	7.56	7.97
Selenium	mg/l	0.05	< 0.0005	< 0.0005	< 0.0005	0.0005	0.0022	0.0030	0.0024	0.0017	0.0023	0.0031	0.0017	0.0027	0.0021	0.0025	0.0012	0.0013
Sodium	mg/l	N/A	15.9	12.9	13.6	10.9	56.7	13.9	15.6	16.2	50.8	17.1	20.5	13.7	47.9	43.9	34.0	10.7
Sulfate (3)	mg/l	250	13	13	13	27	175	222	202	181	178	211	141	258	150	168	100	137
Total Dissolved Solids (4)	mg/L	1000	272	236	240	220	732	412	372	492	772	456	436	476	596	572	516	444
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

			Thaynes				Iron Canyon				Park Meadows				Fairway Hills			
	Unit	MCL	Jul-17	Oct-17	Jan-18	Apr-18	Jul-17	Oct-17	Jan-18	Apr-18	Jul-17	Oct-17	Jan-18	Apr-18	Jul-17	Oct-17	Jan-18	Apr-18
Antimony	mg/l	0.006	0.0037	0.0012	< 0.0005	0.0028	0.0027	0.0032	0.0005	0.0035	0.0008	0.0012	< 0.0005	0.0012	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Arsenic	mg/l	0.01	0.0024	0.0022	0.0010	0.0018	0.0018	0.0025	0.0016	0.0020	0.0016	0.0017	0.0010	0.0010	0.0011	0.0006	0.0008	0.0005
Barium	mg/l	2	0.016	0.050	0.064	0.015	0.023	0.019	0.046	0.018	0.052	0.056	0.062	0.048	0.063	0.081	0.071	0.074
Calcium	mg/l	N/A	74.8	118	101	99.2	77.8	77.7	127	105	132	92.6	95.9	86.3	134	59.1	100	70
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	9	123	107	10	11	11	139	12	150	66	122	55	211	20	113	59
Copper (2)	mg/l	1.3	0.0018	0.0018	0.0011	0.0013	0.0011	0.0017	0.0032	0.0023	0.0026	0.0028	0.0018	0.0038	0.0031	0.0016	0.0015	0.0012
Fluoride	mg/l	4.0	0.2	0.2	0.2	0.1	0.2	< 0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.2	0.2	< 0.1	0.1
Hardness	mg/l	N/A	282	418	357	331	288	294	446	359	466	328	341	294	473	206	354	245
Hardness	gpg	N/A	16.5	24.4	20.9	19.3	16.8	17.2	26.1	21.0	27.2	19.2	19.9	17.2	27.6	12.0	20.7	14.3
Iron (1)	mg/l	0.3	< 0.02	< 0.02	< 0.02	0.02	0.04	0.02	0.04	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	< 0.0002	< 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	23.2	29.8	25.4	20.2	22.7	24.2	31.5	23.5	32.9	23.6	24.5	19.0	33.3	14.2	25.2	17.1
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0011	0.0014	< 0.0005	0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrate	mg/l	10	0.2	1.2	0.7	0.5	0.2	0.2	1.4	0.5	1.1	0.6	0.8	0.5	1.2	0.3	1.2	0.3
pH	SU	N/A	7.53	7.22	7.51	7.66	7.61	7.51	7.30	7.56	7.34	7.65	7.44	7.63	7.35	7.59	7.44	7.55
Selenium	mg/l	0.05	0.0018	0.0025	0.0013	0.0016	0.0016	0.0017	0.0020	0.0020	0.0024	0.0018	0.0014	0.0011	0.0019	< 0.0005	0.0011	0.0006
Sodium	mg/l	N/A	6.3	46.1	37.9	7.6	7.0	7.2	52.5	8.2	52.1	27.0	36.6	21.2	62.8	12.2	38.8	22.7
Sulfate (3)	mg/l	250	145	167	92	153	128	150	152	185	178	112	105	108	155	16	91	37
Total Dissolved Solids (4)	mg/L	1000	392	612	516	500	376	380	608	476	680	432	528	532	772	248	476	348
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 inadvertently

(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) 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.

(4) 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.