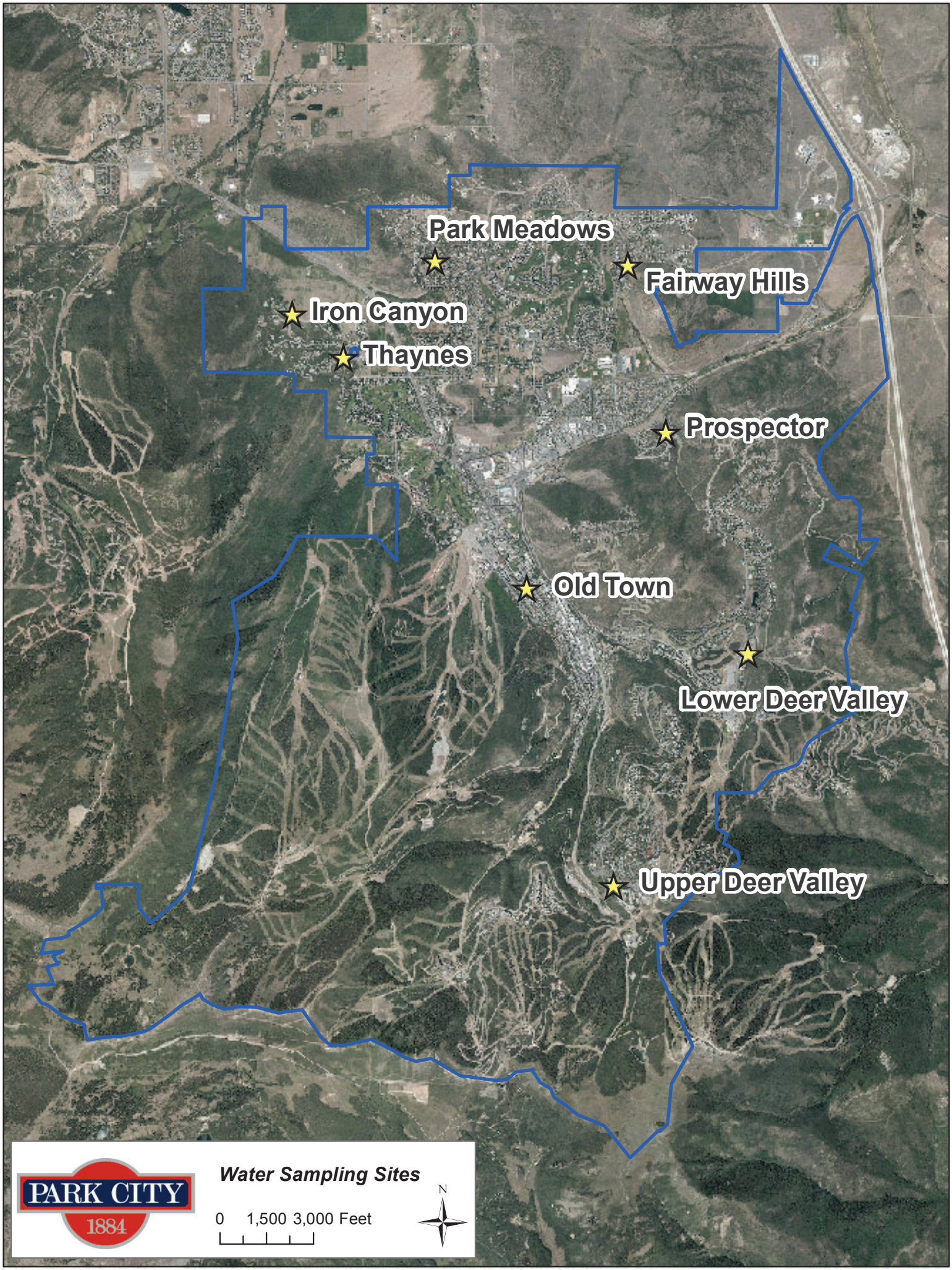
Park Meadows
Fairway Hills
Iron Canyon
Thaynes
Prospector
Old Town
Lower Deer Valley
Upper Deer Valley
PARK CITY
1884
Water Sampling Sites
0 1,500 3,000 Feet
N

	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
			2023	2023	2023	2024	2023	2023	2023	2024	2023	2023	2023	2024	2023	2023	2023	2024
Antimony	mg/l	0.006	< 0.0005	< 0.0005	< 0.0005	< 0.0005	0.0041	0.0055	0.0051	0.0048	< 0.0005	< 0.0005	0.0022	0.0049	< 0.0005	< 0.0005	0.0019	0.0047
Arsenic	mg/l	0.01	0.0006	0.0012	0.0006	< 0.0005	0.0024	0.0031	0.0029	0.0033	0.0005	0.0009	0.0017	0.0026	0.0005	0.0010	0.0017	0.0023
Barium	mg/l	2	0.062	0.073	0.057	0.082	0.013	0.012	0.013	0.012	0.054	0.081	0.034	0.012	0.058	0.079	0.036	0.02
Calcium	mg/l	N/A	39.3	105	75	61	74.3	85	78.1	80.6	31.4	109	93.6	77.6	34.9	113	85.3	76.4
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	34.5	146	87.2	45.7	57.3	61	49.4	50.2	18.9	169	99.7	48.2	27	203	90	45
Copper (2)	mg/l	1.3	0.0016	0.0017	< 0.0010	0.002	< 0.001	< 0.001	< 0.0010	< 0.0010	0.001	0.0015	< 0.0010	< 0.0010	0.0027	0.0052	0.0026	0.0011
Fluoride	mg/l	4.0	< 0.1	< 0.1	0.1	< 0.1	0.1	0.2	0.3	0.2	< 0.1	< 0.1	0.2	0.4	0.2	< 0.1	0.2	0.3
Hardness	mg/l	N/A	135	366	266	214	282	311	292	306	107	382	335	295	120	393	302	290
Hardness	gpg	N/A	7.89	21.38	15.54	12.50	16.5	18.2	17.1	17.9	6.25	22.32	19.57	17.23	7.01	22.96	17.64	16.94
Iron (1)	mg/l	0.3	< 0.02	< 0.02	< 0.02	0.06	0.08	0.05	0.02	< 0.02	< 0.02	< 0.02	0.05	< 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	< 0.0002	< 0.00020	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.0002	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015
Magnesium	mg/l	N/A	8.9	25.3	19.2	15.2	23.4	24.1	23.6	25.4	6.9	26.5	24.7	24.5	8	26.8	21.5	24
Manganese (1)	mg/l	0.05	< 0.0005	< 0.0005	0.0019	0.002	0.0016	0.0014	< 0.0005	< 0.0005	0.0005	0.0005	0.0011	0.0006	< 0.0005	< 0.0005	< 0.0005	0.0008
Nitrate	mg/l	10	0.35	0.48	0.32	0.12	< 0.1	< 0.1	< 0.1	< 0.10	0.12	0.53	0.28	< 0.10	0.21	0.63	0.28	< 0.10
pH	SU	N/A	7.8	7.5	7.8	7.8	7.8	7.5	7.4	8.1	7.9	7.5	7.8	8.0	8.0	7.6	7.8	8.0
Selenium	mg/l	0.05	< 0.0005	0.0011	0.0006	< 0.0005	0.0026	0.004	0.0034	0.0028	< 0.0005	0.001	0.0021	0.003	< 0.0005	0.0014	0.002	0.002
Sodium	mg/l	N/A	17.8	61.7	33.4	25.4	15.6	17.3	15.6	15.4	10.8	61.6	37.1	15.3	13.9	65.8	32.5	15.9
Sulfate (3)	mg/l	1000	9.3	106	61.1	16.9	241	251	261	254	6	98.8	162	258	7.7	106	143	237
Total Dissolved Solids (4)	mg/L	2000	272	1370	420	324	484	552	468	476	208	772	556	500	192	872	436	472
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			
			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
			2023	2023	2023	2024	2023	2023	2023	2024	2023	2023	2023	2024	2023	2023	2023	2024
Antimony	mg/l	0.006	< 0.0005	< 0.0005	0.0007	< 0.0005	< 0.0005	< 0.0005	0.0007	0.0005	< 0.0005	0.0009	0.0008	0.0006	< 0.0005	0.0005	0.0005	< 0.0005
Arsenic	mg/l	0.01	< 0.0005	0.0019	0.0019	0.0010	0.0007	0.0019	0.0017	0.002	0.0005	0.0017	0.0018	0.0012	0.0005	0.0013	0.0013	0.0009
Barium	mg/l	2	0.052	0.008	0.051	0.066	0.064	0.011	0.047	0.06	0.054	0.054	0.049	0.056	0.058	0.07	0.049	0.07
Calcium	mg/l	N/A	31.2	58.9	127.0	115.0	43.9	58.4	120.0	96.5	32.8	143	128	137	33.2	148	105	98.5
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	19.8	4.9	191.0	188.0	36.3	5.1	181.0	119.0	22	278	200	253	22.1	289	129	129
Copper (2)	mg/l	1.3	0.0021	0.0035	0.0050	0.0030	0.0042	0.0071	0.0095	0.0049	0.0025	0.0053	0.0039	0.0029	0.0016	0.0019	0.0016	0.0014
Fluoride	mg/l	4.0	< 0.1	< 0.1	< 0.100	< 0.100	< 0.1	0.1	0.102	< 0.100	< 0.1	< 0.1	0.102	< 0.100	< 0.1	< 0.1	0.106	0.192
Hardness	mg/l	N/A	106	194	446	404	150	195	426	338	112	500	450	482	113	517	368	346
Hardness	gpg	N/A	6.19	11.33	26.05	23.60	8.8	11.4	24.9	19.7	6.5	29.2	26.3	28.2	6.6	30.2	21.5	20.2
Iron (1)	mg/l	0.3	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	< 0.02	0.03	0.02	< 0.02	0.05	0.02	< 0.02	< 0.02	< 0.02	< 0.02
Lead (2)	mg/l	0.015	< 0.0005	< 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
Mercury	mg/l	0.002	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.00015	< 0.0002	< 0.00020	< 0.00015	< 0.00015	< 0.0002	< 0.00015	< 0.00015	< 0.0002	< 0.0002	< 0.00015	< 0.00015
Magnesium	mg/l	N/A	6.9	11.4	31.0	28.3	9.7	11.9	30.6	23.5	7.3	34.5	31.4	33.9	7.3	35.7	25.9	24.2
Manganese (1)	mg/l	0.05	0.0009	< 0.0005	< 0.0005	< 0.0005	0.0005	< 0.0005	< 0.0005	0.0006	< 0.0005	< 0.0005	0.0007	< 0.0005	< 0.0005	< 0.0005	< 0.0005	< 0.0005
Nitrate	mg/l	10	0.2	0.2	0.8	0.6	0.4	0.3	0.7	0.2	0.16	0.92	0.76	0.73	0.16	1.07	0.47	0.54
pH	SU	N/A	7.9	7.6	7.6	7.6	7.9	7.6	7.4	7.6	7.9	7.3	7.5	7.6	7.8	7.3	7.6	7.55
Selenium	mg/l	0.05	< 0.0005	0.0011	0.0024	0.0012	< 0.0005	0.0009	0.0018	< 0.0005	< 0.0005	0.0024	0.0024	0.0018	< 0.0005	0.0018	0.0013	0.0014
Sodium	mg/l	N/A	11.0	3.8	88.4	79.6	18	4.2	80.5	53.7	12	109	90.9	102	12.2	103	64.2	56.8
Sulfate (3)	mg/l	1000	6.3	38.8	214	151	9.7	37.8	187	131	7	201	230	210	6.5	179	131	121
Total Dissolved Solids (4)	mg/L	2000	148	256	884	708	292	220	788	560	152	1090	800	892	200	1080	620	600
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 miligrams) 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).