

Appendix A1 - 2017 Silverton Raw Water Production Logs

Month	Raw	Treated	Backwash	WTP Use %
Jan	61.457	40.899	20.558	33.5%
Feb	55.916	37.309	18.607	33.3%
Mar	67.767	34.975	32.792	48.4%
Apr	61.486	35.007	26.479	43.1%
May	62.9129	37.954	24.9589	39.7%
Jun	63.5	46.812	16.688	26.3%
Jul	78.285	70.309	7.976	10.2%
Aug	98.134	75.383	22.751	23.2%
Sep	96.908	50.863	46.045	47.5%
Oct	63.076	43.048	20.028	31.8%
Nov	60.437	38.956	21.481	35.5%
Dec	60.238	40.027	20.211	33.6%
Sum:	830.1169	551.542	278.5749	
Average:				33.8%

JANUARY 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.936	1.307	A	7.25	8.5		0.961
2	1.953	1.188	A	7.51	7.5		1.015
3	1.950	1.154	A	7.38	7.0		0.969
4	1.982	1.503	A	7.46	6.5		0.916
5	1.976	1.202	A	7.32	5.5		0.961
6	1.987	1.531	A	7.51	5.2		1.56
7	1.995	1.679	A	7.11	5.0		1.82
8	1.948	1.144	A	7.14	5.0		1.59
9	1.912	1.394	A	7.44	6.0	10.7	3.32
10	1.972	1.356	A	7.22	7.0		2.121
11	1.963	1.464	A	7.36	7.5		2.762
12	1.982	1.189	A	7.52	7.0		2.007
13	1.900	1.274	A	7.44	6.8		2.82
14	1.980	1.213	A	7.05	7.0		2.56
15	1.950	1.438	A	7.05	6.2		2.34
16	1.923	1.226	A	7.16	5.9		2.32
17	1.940	1.447	A	7.50	6.5		1.93
18	1.974	1.488	A/SC	7.30	7.0		2.255
19	2.012	1.383	SC	7.44	7.5	8.1	7.38
20	2.032	1.473	SC	7.32	8.0		5.09
21	2.003	1.110	SC	7.05	7.2		4.41
22	1.967	1.475	SC	6.93	7.2		5.21
23	2.012	1.207	A/SC	7.48	8.0		2.946
24	2.025	1.240	A	7.17	8.5		1.656
25	1.988	1.275	A	7.50	7.0	11.8	1.32
26	1.984	1.265	A	7.52	7.5		1.259
27	1.992	1.320	A	7.36	7.0		1.198
28	2.079	1.197	A	7.31	7.0		1.129
29	2.030	1.133	A	7.36	7.0		1.144
30	2.114	1.418	A	7.32	7.5		1.132
31	1.996	1.206	A	7.44	7.5		1.152
Average:	1.982	1.319		7.320	6.903		2.234
Maximum:	2.114	1.679		7.520	8.500		7.380
Sum:	61.457	40.899					

FEBRUARY 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.078	1.351	A	7.52	7.5		1.045
2	1.986	1.241	A	7.36	7.0		0.969
3	2.029	1.488	A/SC	7.51	7.0		0.969
4	2.065	1.247	SC	7.33	7.0		2.953
5	2.046	1.304	SC	7.05	8.0		45.8
6	1.955	4.515	SC	7.15	8.0		18.1
7	1.978	1.302	SC	7.22	7.0		10.9
8	2.020	1.254	SC	7.31	7.0	8.2	12.300
9	2.033	1.330	SC	7.23	8.5		15.8
10	1.966	1.180	SC	7.18	8.5		12.5
11	2.000	1.183	SC	6.93	8.0		9.33
12	1.944	1.077	SC	7.05	8.0		6.47
13	1.936	1.194	SC	7.42	7.5		4.92
14	1.981	1.263	A/SC	7.32	7.5		4.21
15	1.910	1.115	A	7.27	8.2		2.37
16	1.936	1.242	A	7.34	9.0		2.09
17	1.979	1.212	A	7.29	9.0		5.249
18	1.962	1.177	A	7.24	9.0		4.52
19	1.972	1.093	A	7.11	8.5		4.47
20	1.998	1.257	A	7.06	8.5		2.21
21	1.993	1.071	A	7.32	9.0		4.472
22	2.056	1.420	A	7.32	8.5		3.464
23	2.027	1.123	A	7.28	8.0		2.85
24	1.984	1.091	A	7.34	8.0		2.144
25	2.011	1.114	A	7.20	8.0		1.55
26	2.042	1.123	A	7.34	8.0		1.793
27	2.006	1.162	A	7.26	8.5	11.8	2.045
28	2.023	1.180	A	7.38	8.0		1.884
29							
30							
31							
Average:	1.997	1.332		7.26	8.0		6.69
Maximum:	2.078	4.515		7.52	9.0		45.80
Sum:	55.916	37.309					

MARCH 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.984	1.157	A	7.37	7.5		1.892
2	1.994	1.213	A	7.39	8.2		1.801
3	2.023	1.096	A	7.44	7.8		1.262
4	2.001	1.167	A	7.34	8.5		0.908
5	1.930	1.093	A	7.23	8.0		16.5
6	2.091	1.150	A	7.33	7.5		1.678
7	2.012	1.173	A	7.29	8.5		1.808
8	1.966	1.163	A	7.44	8.0		2.981
9	2.033	1.220	A/SC	7.31	8.0		4.082
10	2.062	1.237	SC	6.96	8.5		15.9
11	2.000	0.983	SC	6.71	8.5		6.28
12	2.046	1.074	SC	6.73	8.5		3.54
13	1.906	1.112	A/SC	7.31	9.0		2.82
14	2.101	1.287	A	7.38	9.5		5.913
15	2.095	1.274	SC	7.02	10.0		3.43
16	1.971	1.207	SC	6.99	9.5		5.77
17	2.039	1.028	A/SC	7.21	8.5		3.21
18	2.027	1.039	A	7.21	10.0		3.662
19	2.035	0.966	A	7.31	9.0		7.012
20	2.072	1.165	A	7.31	9.0	9.5	2.313
21	7.058	1.183	A	7.27	9.5		2.495
22	2.020	1.195	A	7.41	9.5		2.313
23	2.021	1.137	A	7.41	9.0		1.968
24	2.030	1.159	A	7.40	9.0		1.884
25	2.042	1.038	A	7.29	9.0		3.288
26	2.032	1.003	A	7.19	9.0		2.243
27	2.055	1.079	A	7.27	9.0		2.51
28	2.017	1.050	A	7.24	9.0		2.304
29	2.126	1.222	A	7.26	9.0		1.846
30	2.015	1.058	A	6.94	9.0		3.426
31	1.963	1.047	A	7.30	9.5		2.274
Average:	2.186	1.128		7.23	8.8		3.85
Maximum:	7.058	1.287		7.44	10.0		16.50
Sum:	67.767	34.975					

APRIL 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.009	1.155	A	7.23	9.5		1.846
2	2.037	1.018	A	7.26	9.5		1.686
3	2.005	1.111	A	7.36	9.5	11.5	1.74
4	1.980	1.130	A	7.29	9.5		1.991
5	1.997	1.148	A	7.41	9.5		1.707
6	2.060	1.151	A	7.47	10.0		1.617
7	2.126	1.320	A/SC	7.46	10.0		1.709
8	2.042	1.174	SC	7.02	10.0		1.170
9	2.105	1.175	SC	6.95	9.0		1.15
10	2.085	1.242	SC	7.23	9.0		0.98
11	2.084	1.215	SC	7.20	9.0		0.97
12	1.946	1.127	SC	7.25	9.5		0.89
13	2.108	1.256	SC	7.27	9.5		2.13
14	1.968	1.230	SC	7.25	9.0		1.59
15	2.052	1.180	SC	7.17	9.0	9.6	1.17
16	2.088	1.113	SC	7.15	9.5		0.98
17	2.066	1.127	SC	7.17	9.5		1.01
18	2.067	1.350	SC	7.21	10.0		1.99
19	2.162	1.342	SC	7.11	11.0		1.78
20	2.071	1.156	SC	7.12	10.5		1.75
21	2.079	1.109	SC	7.22	10.0		1.73
22	2.065	1.041	SC	7.05	11.0		1.55
23	1.965	1.081	SC	7.11	11.0		1.37
24	2.001	1.109	A/SC	7.13	10.5	9.1	1.82
25	2.035	1.128	A	7.16	10.5		12.5
26	2.053	1.163	A	7.09	10.0		1.900
27	1.960	1.233	A	7.29	10.0		4.4
28	2.110	1.239	A	7.30	10.0		4.884
29	2.098	1.136	A	7.40	10.0		1.266
30	2.062	1.048	A	7.21	10.5		1.67
31							
Average:	2.050	1.167		7.22	9.9		2.10
Maximum:	2.162	1.350		7.47	11.0		12.50
Sum:	61.486	35.007					

MAY 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.060	1.073	A	7.48	10.5		1.732
2	1.987	1.085	A	7.25	10.0		1.472
3	2.028	1.158	A	7.46	11.0	11.5	1.343
4	1.974	1.135	A	7.53	12.0		1.488
5	2.142	1.187	A	7.54	12.0		1.442
6	2.063	1.126	A	7.30	11.5		1.678
7	2.041	1.097	A	7.28	11.0		1.259
8	2.042	1.072	A	7.47	11.5		1.144
9	1.991	1.178	A	7.42	11.5		1.205
10	2.034	1.215	A	7.51	11.5		1.083
11	1.988	1.093	A	7.60	12.5		1.32
12	1.968	1.090	A	7.59	11.5		1.572
13	1.992	1.012	A	7.47	11.0		1.106
14	2.023	1.037	A	7.37	10.5		1.067
15	2.001	1.167	A	7.44	10.5		1.15
16	2.038	1.189	A	7.49	10.5		1.007
17	1.932	1.119	A	7.18	10.5		4.578
18	2.018	1.143	A	7.31	10.5		1.587
19	2.037	1.171	A	7.43	10.5	9.9	1.35
20	2.039	1.283	A	7.32	11.5		1.358
21	1.958	1.101	A	7.39	12.0		1.282
22	2.052	1.488	A	7.51	12.5		1.221
23	2.007	1.438	A	7.31	13.5		1.465
24	2.079	1.412	A	7.43	1.5		1.244
25	2.098	1.381	A	7.49	13.0		1.028
26	2.070	1.531	A	7.58	13.0		1.053
27	2.016	1.554	A	7.30	14.0		1.015
28	2.073	1.382	A	7.28	14.0		0.969
29	2.031	1.371	A	7.58	14.5		1.030
30	2.094	1.300	A	7.62	13.8		0.992
31	2.037	1.366	A	7.45	13.2		1.038
Average:	2.029	1.224		7.43	11.5		1.36
Maximum:	2.142	1.554		7.62	14.5		4.58
Sum:	62.913	37.954					

JUNE 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.984	1.347	A	7.67	14.5		0.908
2	2.074	1.495	A	7.46	14.0		0.984
3	2.013	1.283	A	7.32	15.0		0.824
4	2.080	1.326	A	7.42	13.0	14.1	1.03
5	2.059	1.613	A	7.60	13.1		0.824
6	2.113	1.611	A	7.34	14.0		1.19
7	2.085	1.555	A	7.43	15.0		0.786
8	2.035	1.310	A	7.48	15.0		0.778
9	2.017	1.369	A	7.49	14.0		1.228
10	2.017	1.352	A	7.23	14.0		0.89
11	2.098	1.259	A	7.26	14.0		0.862
12	2.105	1.342	A	7.24	13.0		0.771
13	2.088	1.278	A	7.19	13.0		0.694
14	2.092	1.325	A	7.34	12.5		0.717
15	2.084	1.198	A	7.41	13.0		0.67
16	2.137	1.398	A	7.49	13.0		18.77
17	2.091	1.246	A	7.25	13.0		1.129
18	2.110	1.301	A	7.27	14.0		0.732
19	2.123	1.725	A	7.35	15.0		1.522
20	2.055	1.515	A	7.21	16.0		0.763
21	3.064	1.840	A	7.35	15.5		1.183
22	2.081	1.639	A	7.30	15.5		0.732
23	2.082	2.082	A	7.31	16.0		0.748
24	2.059	2.059	A	7.24	16.5		0.717
25	2.074	1.817	A	7.20	17.0		0.748
26	1.973	1.973	A	7.32	17.5		0.786
27	2.197	1.767	A	7.37	17.0		0.786
28	2.177	1.968	A	7.36	16.5		0.824
29	2.154	1.858	A	7.43	15.5		0.771
30	2.179	1.961	A	7.39	16.5		0.732
31							
Average:	2.117	1.560		7.36	14.7		1.47
Maximum:	3.064	2.082		7.67	17.5		18.77
Sum:	63.500	46.812					

JULY 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.188	1.842	A	7.21	17.0		1.099
2	2.167	1.761	A	7.23	16.0		1.038
3	2.150	1.899	A	7.36	17.5		1.106
4	2.143	1.625	A	7.40	17.0		1.053
5	2.155	2.155	A	7.43	17.5		1.026
6	2.173	1.956	A	7.35	17.5		0.945
7	2.163	2.163	A	7.30	18.0		0.961
8	2.162	1.775	A	7.35	17.0		0.862
9	2.136	2.136	A	7.36	18.0		0.946
10	2.189	2.189	A	7.42	17.8		0.855
11	2.341	2.068	A	7.36	17.5		0.847
12	2.536	2.536	A	7.40	17.0		0.778
13	2.555	2.268	A	7.39	17.0		0.786
14	2.621	2.457	A	7.38	17.0		0.786
15	2.502	2.210	A	7.33	17.5		0.72
16	2.548	2.091	A	7.37	17.5		0.679
17	2.513	2.251	A	7.37	17.0		0.621
18	2.523	2.481	A	7.39	17.0		0.603
19	2.452	2.156	A	7.39	17.0		0.58
20	2.436	2.182	A	7.44	17.5		0.595
21	2.474	2.237	A	7.41	16.5		0.61
22	2.500	2.094	A	7.21	17.5		0.603
23	2.448	2.142	A	7.34	17.5		0.633
24	2.442	2.442	A	7.39	18.2		0.805
25	2.455	2.455	A	7.38	18.5		0.694
26	3.224	2.532	A	7.28	19.0		0.649
27	3.160	4.405	A	7.38	18.5		0.656
28	3.188	2.378	A	7.39	17.5		0.717
29	3.187	2.284	A	7.21	18.0		0.656
30	3.272	2.364	A	7.19	17.5		0.641
31	3.282	2.775	A	7.38	18.0		0.641
Average:	2.525	2.268		7.35	17.5		0.78
Maximum:	3.282	4.405		7.44	19.0		1.11
Sum:	78.285	70.309					

AUGUST 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.137	2.575	A	7.36	18.5		0.679
2	3.171	3.171	A	7.33	19.0		0.664
3	3.164	2.808	A	7.39	19.5		0.603
4	3.264	2.720	A	7.37	19.0		0.641
5	3.176	2.329	A	7.41	19.0		0.656
6	3.235	2.265	A	7.29	18.5		0.618
7	3.219	2.830	A	7.40	19.0		0.687
8	3.215	5.517	A	7.38	19.0		0.587
9	3.207	2.445	A	7.38	19.5		0.664
10	3.093	2.554	A	7.32	19.5		0.656
11	2.989	2.292	A	7.36	20.0		0.595
12	3.224	2.203	A	7.23	20.0		0.603
13	3.232	1.804	A	7.39	19.0		0.534
14	3.231	1.992	A	7.40	17.5		0.565
15	3.143	2.252	A	7.44	17.2		0.51
16	3.203	2.269	A	7.41	16.5		0.481
17	3.188	2.218	A	7.21	17.5		0.496
18	3.264	2.407	A	7.39	17.5		0.488
19	3.169	2.079	A	7.36	17.5		0.488
20	3.154	2.155	A	7.41	17.5		0.465
21	3.237	2.238	A	7.38	17.5		0.412
22	3.136	2.182	A	7.40	17.5		0.793
23	3.210	2.407	A	7.30	18.0		0.526
24	3.204	2.176	A	7.39	17.5		0.519
25	2.931	2.125	A	7.41	16.5		0.534
26	3.171	2.233	A	7.31	16.0		0.526
27	3.144	2.162	A	7.29	17.0		0.534
28	3.189	2.325	A	7.37	17.0		0.534
29	3.192	2.261	A	7.39	18.0		0.557
30	3.213	2.397	A	7.40	17.5		0.572
31	2.829	1.992	A	7.39	17.2		0.579
Average:	3.166	2.432		7.36	18.1		0.57
Maximum:	3.264	5.517		7.44	20.0		0.79
Sum:	98.134	75.383					

SEPTEMBER 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.008	2.180	A	7.40	17.2		0.465
2	3.220	2.066	A	7.41	17.5		0.597
3	2.987	1.929	A	7.42	17.5		0.61
4	3.177	2.117	A	7.42	18.0		0.572
5	3.241	2.187	A	7.41	18.0		0.58
6	3.183	2.028	A	7.44	18.5		0.541
7	2.976	1.810	A	7.40	18.5	20.1	0.51
8	2.913	1.748	A	7.39	18.5		0.578
9	3.177	1.840	A	7.37	18.5		0.626
10	3.121	1.625	A	7.40	18.0		0.618
11	3.234	2.196	A	7.42	17.5		0.855
12	3.154	1.971	A	7.48	17.0		0.587
13	3.108	2.072	A	7.48	16.8		0.557
14	3.063	1.800	A	7.44	15.5		0.534
15	3.181	1.961	A	7.39	15.0		0.52
16	3.251	1.625	A	7.44	14.8		0.549
17	3.183	1.340	A	7.44	15.5		0.526
18	1.985	1.530	A	7.68	15.5		0.74
19	2.078	1.463	A	7.60	15.0		0.992
20	1.985	1.398	A	7.45	14.5	13.3	1.381
21	2.052	1.385	A	7.19	14.0		2.876
22	2.017	1.420	A	7.28	13.2	10.8	1.022
23	1.920	1.368	A	7.20	13.5		0.74
24	1.855	1.322	A	7.25	13.5		0.626
25	1.930	1.439	A	7.41	13.5		0.791
26	1.859	1.410	A	7.66	13.5		0.603
27	1.066	1.368	A	7.36	14.5		0.61
28	2.078	1.541	A	7.49	15.0		0.61
29	20.870	1.426	A	7.52	15.0		0.610
30	2.036	1.298	A	7.53	15.0		0.649
31							
Average:	3.230	1.695		7.43	15.9		0.74
Maximum:	20.870	2.196		7.68	18.5		2.88
Sum:	96.908	50.863					

OCTOBER 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow	Treated Flow	Source	pH	Temp C	turbidity	
	(MGD)	(MGD)				Alk	NTU
1	2.059	1.364	A	7.63	14.0		0.618
2	2.071	1.458	A	7.58	13.5		0.557
3	2.042	1.412	A	7.45	13.0		0.664
4	2.040	1.505	A	7.47	12.2		0.465
5	2.051	1.410	A	7.45	11.5		0.458
6	2.000	1.316	A	7.47	12.0		0.473
7	2.027	1.461	A	7.50	12.0		0.458
8	2.091	1.437	A	7.51	12.0		0.488
9	1.966	1.384	A	7.65	12.2		0.458
10	1.968	1.394	A	7.78	12.0		0.412
11	2.060	1.390	A	7.47	11.5		0.511
12	2.017	1.227	A	7.49	11.2		0.946
13	2.130	1.677	A	7.33	11.5		3.845
14	2.081	1.387	A	7.23	11.0		0.717
15	2.062	1.486	A	7.33	10.5		0.53
16	2.048	1.339	A	7.31	10.0		0.465
17	2.089	1.506	A	7.27	10.5		0.45
18	2.051	1.419	A/SC	7.33	11.0		0.465
19	2.000	1.479	SC	7.39	12.0		0.481
20	1.914	1.372	SC	7.07	11.5		3.92
21	1.900	1.306	SC	6.93	10.5		5.92
22	2.054	1.472	SC	6.89	10.5		18.5
23	2.023	1.551	SC	6.96	11.5		12.3
24	2.005	1.178	A/SC	6.98	11.0		6.1
25	2.004	1.169	A	7.28	14.0		1.73
26	2.078	1.359	A	7.21	12.5	9.1	1.602
27	2.044	1.175	A	7.20	12.5		1.29
28	2.072	1.424	A	7.23	12.0	8.5	1.48
29	1.971	1.150	A	7.27	12.0		0.649
30	2.070	1.475	A	7.23	12.5		0.748
31	2.088	1.366	A	7.25	11.0	9.5	0.832
Average:	2.035	1.389		7.33	11.8		2.21
Maximum:	2.130	1.677		7.78	14.0		18.50
Sum:	63.076	43.048					

NOVEMBER 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.092	1.386	A	7.17	10.0		0.632
2	1.953	1.310	A	7.27	10.2		0.534
3	2.095	1.458	A	7.16	10.5		0.839
4	2.097	1.337	A	7.28	9.5		1.01
5	2.027	1.224	A	7.23	10.0		0.542
6	2.007	1.212	A	7.19	10.0	9.3	1.63
7	1.961	1.340	A	7.20	9.5		0.748
8	2.099	1.408	A	7.29	9.5		0.855
9	2.096	1.345	A	7.28	9.1		0.717
10	2.140	1.338	A	7.29	10.0		0.511
11	1.946	1.241	A	7.31	10.0		0.715
12	2.052	1.205	A	7.21	11.0		0.954
13	2.098	1.355	A/SC	7.23	11.5		1.06
14	1.997	1.356	SC	7.03	9.0	6.5	1.82
15	1.953	1.357	SC	7.08	9.0		1.42
16	1.955	1.303	SC	7.14	9.0		3.1
17	2.023	1.340	SC	7.05	9.0	5.5	2.97
18	2.000	1.367	SC	6.96	8.5		2.27
19	2.004	1.378	SC	6.99	8.0		1.68
20	2.010	1.348	SC	7.12	9.0	6	1.55
21	2.002	1.251	SC	6.94	9.5		2.02
22	1.982	1.305	SC	7.23	11.1		1.41
23	2.031	1.278	SC	7.07	11.5		6.98
24	1.958	1.107	SC	7.08	11.0		5.62
25	2.020	1.153	SC	7.07	9.0		2.55
26	2.023	1.180	SC	7.16	9.5		1.820
27	2.049	1.415	SC	7.11	9.5		3.09
28	1.940	1.213	SC/A	7.11	9.5	10.4	1.73
29	1.942	1.197	A	7.28	11.5	7.2	1.450
30	1.885	1.249	A	7.26	10.5		1.163
31							
Average:	2.015	1.299		7.16	9.8		1.78
Maximum:	2.140	1.458		7.31	11.5		6.98
Sum:	60.437	38.956					

DECEMBER 2017 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.880	1.332	A	7.29	10.0		0.916
2	1.850	1.095	A	7.30	10.2		0.855
3	1.995	1.172	A	7.24	10.5		0.938
4	1.883	1.177	A	7.28	10.2		1.129
5	1.898	1.265	A	7.35	10.0	9.3	0.824
6	1.985	1.323	A	7.33	9.2		0.946
7	1.925	1.259	A	7.30	9.0		0.763
8	1.950	1.243	A	7.28	8.5		0.717
9	1.975	1.284	A	7.27	8.0		0.687
10	1.875	1.180	A	7.29	8.0		0.71
11	1.880	1.300	A	7.38	7.5		0.771
12	1.825	1.232	A	7.33	7.2		0.71
13	1.884	1.209	A	7.39	7.0	9.8	0.837
14	1.975	1.391	A	7.32	7.0		0.778
15	1.925	1.307	A	7.33	7.2		0.63
16	1.875	1.399	A	7.16	7.0		0.603
17	1.904	1.246	A	7.20	7.5		0.595
18	2.005	1.445	A	7.43	8.0		0.61
19	2.012	1.643	A	7.40	8.5	8.8	0.755
20	1.955	1.352	A	7.36	8.5		2.747
21	1.926	1.380	A	7.31	7.5		1.198
22	1.964	1.358	A	7.35	7.0		0.793
23	1.981	1.263	A	7.37	7.5		0.748
24	1.955	1.108	A	7.29	7.5		0.992
25	2.002	1.184	A	7.38	7.5		0.755
26	1.958	1.191	A	7.35	7.5		0.977
27	1.925	1.339	A	7.27	7.0		0.748
28	1.986	1.274	A	7.28	8.0		0.786
29	2.088	1.487	A	7.74	9.0		0.870
30	2.009	1.297	SC	7.03	8.5		5.11
31	1.988	1.292	SC	7.04	8.0		2.53
Average:	1.943	1.291		7.311	8.194		1.066
Maximum:	2.088	1.643		7.736	10.500		5.110
Sum:	60.238	40.027					

Appendix A2 - 2018 Silverton Raw Water Production Logs

2018 COMPILED RAW WATER DATA

Month	Raw	Treated	Backwash	WTP Use %
Jan	60.678	36.726	23.952	39.47%
Feb	54.519	32.501	22.018	40.39%
Mar	60.228	35.964	24.264	40.29%
Apr	58.941	33.601	25.34	42.99%
May	60.735	41.243	19.492	32.09%
Jun	79.5234	53.434	26.0894	32.81%
Jul	95.358	68.744	26.614	27.91%
Aug	96.273	66.345	29.928	31.09%
Sep	84.567	49.16	35.407	41.87%
Oct	61.297	41.922	19.375	31.61%
Nov	59.581	38.742	20.839	34.98%
Dec	59.619	35.3393	24.2797	40.72%
Sum:	831.3194	533.7213	297.5981	
Average:				36.35%

JANUARY 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.938	1.146	A	7.03	7.0		1.770
2	1.923	1.362	A/SC	6.99	7.5		1.380
3	1.945	1.345	A	7.38	8.5	8.5	0.984
4	1.963	1.112	A	7.19	7.5		0.893
5	1.867	1.229	A	7.27	8.0		0.862
6	1.937	1.057	A	7.31	8.0		0.999
7	1.910	1.178	A	7.26	8.0		0.900
8	1.926	1.115	A	7.33	8.5		0.824
9	1.926	1.260	A	7.31	8.1		0.969
10	1.915	1.069	A	7.37	8.5		1.411
11	1.994	1.304	A	7.36	8.5		1.030
12	1.945	1.183	A	7.13	9.0		3.769
13	1.938	1.122	A	7.26	9.0	7.2	2.060
14	1.924	1.050	A	7.20	9.0		1.266
15	1.957	1.231	A	7.21	8.5		1.106
16	1.965	1.228	A	7.17	9.0		1.007
17	1.921	1.208	A	7.35	9.0		0.977
18	1.987	1.159	A	7.34	9.0		9.380
19	2.023	1.138	A	7.16	9.0		2.350
20	1.976	1.194	A	7.30	9.0		1.534
21	1.997	1.123	A	7.34	9.0		1.289
22	1.957	1.166	A	7.24	8.5		1.320
23	1.953	1.090	A	7.29	8.5		1.465
24	2.054	1.361	A	7.25	8.5		1.205
25	1.994	1.171	A/SC	7.13	8.5		3.212
26	2.003	1.227	SC	7.05	7.5		2.733
27	2.036	1.213	SC	7.07	7.5		2.947
28	2.016	1.100	SC	7.14	8.0		2.365
29	1.916	1.269	A/SC	6.91	9.0		1.890
30	1.917	1.045	A	7.13	9.0		3.055
31	1.955	1.271	A	7.19	9.0		1.663
Average:	1.957	1.185		7.21	8.4		1.891
Maximum:	2.054	1.362		7.38	9.0		9.380
Sum:	60.678	36.726					

FEBRUARY 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.970	1.264	A	7.18	8.5		1.419
2	1.958	1.060	A	7.26	9.0		1.427
3	1.963	1.079	A	7.27	9.5		1.32
4	1.963	0.981	A	7.22	9.5		1.221
5	1.939	1.236	A	7.22	9.5		1.122
6	1.896	1.580	A	7.30	9.5		1.205
7	1.963	1.259	A	7.29	8.5	8.4	0.992
8	1.975	1.078	A	7.28	8.5		1.015
9	1.964	1.309	A	7.27	9.0		0.984
10	1.969	1.009	A	7.23	9.0		0.992
11	1.921	1.008	A	7.35	8.5		0.946
12	1.955	1.067	A	7.41	8.0		0.893
13	1.935	1.217	A	7.32	7.5		0.839
14	1.941	1.172	A	7.36	7.0		0.793
15	1.982	1.115	A	7.36	7.5	8.8	0.98
16	1.943	1.206	A	7.48	8.0		0.969
17	1.967	1.123	A	7.46	8.0		0.839
18	1.955	1.018	A	7.16	8.0		1.35
19	1.969	1.214	A	7.24	8.0		0.936
20	1.967	1.180	A	7.32	7.0		1.007
21	1.910	1.209	A	7.10	7.0		0.801
22	1.914	1.013	A	7.35	6.2		0.786
23	1.919	1.239	A	7.38	6.2		0.763
24	1.952	1.098	A	7.32	6.2		0.893
25	1.944	1.158	A	7.49	7.2		0.87
26	1.966	1.204	A	7.29	7.0		0.221
27	1.861	1.116	A	7.26	7.0		1.457
28	1.958	1.289	A	7.33	7.2		1.183
29							
30							
31							
Average:	1.947	1.161		7.30	7.9		1.01
Maximum:	1.982	1.580		7.49	9.5		1.46
Sum:	54.519	32.501					

MARCH 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.965	1.277	A	7.38	8.0		1.404
2	1.940	1.172	A	7.34	7.5		1.575
3	1.943	1.044	A	7.35	8.0		1.374
4	1.932	1.078	A	7.33	7.5		1.282
5	1.911	1.091	A	7.30	7.5		1.228
6	1.909	1.177	A	7.29	7.5		1.155
7	1.919	1.263	A	7.35	7.5	8.6	1.045
8	1.910	1.114	A	7.29	8.0		1.106
9	1.955	1.181	A	7.29	8.5		1.373
10	1.900	0.998	A	7.31	8.5		1.053
11	1.915	1.133	A	7.20	8.5		0.763
12	1.901	1.156	A	7.34	8.5		1.129
13	1.927	1.196	A	7.35	8.5		1.114
14	1.850	1.117	A	7.34	9.0		1.259
15	1.927	1.574	A	7.29	9.0		0.97
16	1.968	1.090	A	7.24	7.5		1.038
17	1.949	1.112	A	7.31	8.0		1.015
18	1.935	1.048	A	7.36	8.0		0.977
19	1.905	1.127	A	7.33	8.0		0.916
20	1.905	1.127	A	7.33	7.5		0.893
21	1.967	1.196	A	7.36	8.0		0.938
22	1.969	1.157	A	7.37	8.0		0.893
23	1.970	1.149	A	7.04	8.0		1.396
24	2.001	1.150	A	7.13	8.0		1.709
25	1.999	1.083	A	7.31	8.0		1.549
26	1.989	1.160	A	7.33	8.2		1.343
27	1.989	1.210	A	7.29	8.0		1.411
28	1.967	1.196	A	7.45	8.5		1.198
29	1.984	1.273	A	7.33	8.5		1.125
30	1.949	1.161	A	7.32	8.5	7.5	1.12
31	1.978	1.154	A	7.34	9.0		1.114
Average:	1.943	1.160		7.31	8.1		1.18
Maximum:	2.001	1.574		7.45	9.0		1.71
Sum:	60.228	35.964					

APRIL 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.991	1.520	A	7.32	9.0		1.045
2	1.955	1.221	A	7.44	8.5		1.03
3	1.973	1.150	A	7.41	8.5		0.977
4	1.975	1.185	A	7.40	8.5		0.893
5	1.987	1.192	A	7.44	8.5		0.961
6	1.973	1.142	A	7.42	9.5		1.122
7	1.937	1.105	A/SC	7.28	10.0		1.472
8	1.917	1.086	SC	7.21	9.0		9.210
9	1.920	1.200	SC	7.02	8.5		7.55
10	1.950	1.162	A/SC	7.17	10.0		3.99
11	1.953	1.090	A	7.35	9.0	6.5	2.35
12	1.948	1.152	A	7.28	9.0		2.426
13	1.967	1.074	A	7.37	8.5		2.365
14	1.981	1.081	A	6.98	9.5		2.014
15	1.997	1.040	A	7.00	9.5		1.83
16	2.103	1.244	A	7.30	9.5		1.816
17	1.989	1.151	A	7.35	9.0		1.091
18	1.974	1.217	A	7.28	9.5		0.755
19	2.006	1.086	A	7.31	9.2	6.6	1.305
20	1.962	1.022	A	7.31	9.5		1.434
21	1.993	1.021	A	7.36	9.5		1.35
22	1.964	1.014	A	7.32	10.0		1.503
23	1.865	1.033	A	7.34	9.5		1.355
24	1.955	1.148	A	7.38	10.0		1.343
25	1.929	1.117	A	7.36	11.0		1.205
26	1.951	1.081	A	7.41	11.5		1.167
27	1.945	1.021	A	7.41	11.5		1.144
28	1.940	0.994	A	7.34	11.0		0.534
29	1.969	0.943	A	7.17	11.0		1.470
30	1.972	1.109	A	7.40	10.5		1.076
31							
Average:	1.965	1.120		7.30	9.6		1.93
Maximum:	2.103	1.520		7.44	11.5		9.21
Sum:	58.941	33.601					

MAY 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.925	1.018	A	7.38	10.2		1.082
2	1.955	1.157	A	7.42	10.0		0.955
3	1.940	1.099	A	7.40	11.0		1.099
4	1.954	1.091	A	7.42	11.5		1.129
5	1.956	1.084	A	7.38	11.5		1.213
6	1.958	1.003	A	7.22	12.0		1.251
7	1.985	1.182	A	7.49	12.2		1.182
8	1.974	1.217	A	7.44	12.3	8.2	1.236
9	1.888	1.085	A	7.46	12.0		1.274
10	1.962	1.071	A	7.34	11.5		1.167
11	1.959	1.167	A	7.52	12.2		1.183
12	1.964	1.162	A	7.34	12.0		1.111
13	1.983	1.338	A	7.35	12.5		1.020
14	1.968	1.394	A	7.42	14.0		1.106
15	1.983	1.487	A	7.45	14.0		1.221
16	1.963	1.594	A	7.44	13.5		1.167
17	1.994	1.404	A	7.46	13.5		1.107
18	1.930	1.334	A	7.50	13.0	8.7	0.870
19	1.948	1.193	A	7.45	13.5		0.888
20	1.958	1.330	A	7.41	13.5		0.900
21	1.973	1.513	A	7.54	13.0		0.862
22	1.962	1.520	A	7.38	14.0		0.870
23	1.966	1.548	A	7.43	15.0		0.793
24	1.915	1.532	A	7.49	15.5		0.778
25	1.976	1.548	A	7.39	15.0		1.137
26	1.966	1.466	A	7.49	14.2		0.809
27	1.975	1.555	A	7.71	14.0		0.816
28	1.956	1.605	A	7.43	15.0		0.809
29	1.976	1.564	A	7.48	15.0		0.763
30	1.962	1.569	A	7.40	14.0		0.763
31	1.961	1.413	A	7.44	13.5		0.725
Average:	1.959	1.330		7.43	13.0		1.009
Maximum:	1.994	1.605		7.71	15.5		1.274
Sum:	60.735	41.243					

JUNE 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.952	1.741	A	7.69	12.8		0.656
2	1.935	1.652	A	7.36	14.5		0.610
3	1.925	1.572	A	7.28	15.0		0.603
4	1.952	1.773	A	7.51	14.5		0.839
5	1.986	1.671	A	7.40	14.8		0.732
6	2.039	1.860	A	7.44	14.5		0.702
7	1.981	1.651	A	7.38	15.0		0.702
8	1.985	1.480	A	7.44	14.0		0.671
9	1.979	1.286	A	7.41	14.0		0.710
10	1.957	1.231	A	7.28	13.5		0.847
11	1.974	1.414	A	7.40	13.0	8.7	0.740
12	1.927	1.288	A	7.32	14.0		0.955
13	3.103	1.844	A	7.32	14.0		0.671
14	3.068	1.419	A	7.38	13.5		0.755
15	3.089	1.981	A	7.62	14.0		0.839
16	3.058	1.553	A	7.29	14.0		0.732
17	3.093	1.881	A	7.31	14.0		0.809
18	3.152	2.193	A	7.32	16.0		0.824
19	3.034	2.048	A	7.24	16.5		0.748
20	3.126	2.175	A	7.26	17.0		0.717
21	3.226	1.935	A	7.21	16.5		0.702
22	3.150	2.021	A	7.34	16.2		0.618
23	3.160	1.830	A	7.19	16.5		1.055
24	3.166	1.807	A	7.38	16.8		0.679
25	3.097	2.258	A	7.19	17.5		0.649
26	3.025	1.991	A	7.34	17.0		0.626
27	3.117	1.857	A	7.35	16.5		0.618
28	3.046	1.827	A	7.48	17.0	22.8	0.626
29	3.107	1.889	A	7.43	17.0		0.595
30	3.114	2.306	A	7.45	17.0		0.618
31							
Average:	2.651	1.781		7.37	15.2		0.722
Maximum:	3.226	2.306		7.69	17.5		1.055
Sum:	79.523	53.434					

JULY 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.128	1.942	A	7.29	18.0		0.626
2	3.147	2.044	A	7.33	18.0		0.595
3	3.152	2.074	A	7.50	16.5		0.725
4	3.125	1.979	A	7.52	17.0		0.565
5	3.054	1.933	A	7.49	17.0		0.549
6	2.993	2.008	A	7.33	17.0		0.549
7	3.109	1.956	A	7.21	18.0		0.557
8	3.147	1.993	A	7.31	18.0		0.557
9	3.008	2.180	A	7.38	18.0		0.587
10	3.035	2.086	A	7.43	16.5		0.526
11	3.076	2.281	A	7.34	17.5		0.596
12	2.867	2.078	A	7.33	18.5		0.679
13	3.108	2.253	A	7.30	19.5		0.656
14	3.016	2.035	A	7.31	19.0		0.763
15	3.086	2.172	A	7.35	19.5		0.664
16	2.923	2.472	A	7.35	19.5		0.725
17	2.995	2.209	A	7.30	20.0		0.649
18	3.101	2.403	A	7.30	19.5		0.587
19	3.109	2.150	A	7.30	19.5		0.893
20	3.092	2.332	A	7.40	17.5		0.633
21	3.134	2.103	A	7.26	18.0		0.626
22	3.166	2.164	A	7.39	18.0		0.549
23	2.996	2.546	A	7.39	18.5		0.587
24	3.153	2.653	A	7.35	19.5		0.603
25	3.115	2.453	A	7.37	19.0		0.618
26	3.107	2.331	A	7.33	19.5		0.587
27	2.960	2.430	A	7.35	20.0		0.618
28	3.076	2.152	A	7.29	19.5		0.565
29	3.134	2.115	A	7.13	19.5		0.595
30	3.074	2.626	A	7.41	20.5		0.778
31	3.172	2.591	A	7.38	20.5		0.633
Average:	3.076	2.218		7.35	18.6		0.627
Maximum:	3.172	2.653		7.52	20.5		0.893
Sum:	95.358	68.744					

AUGUST 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.072	2.291	A	7.34	20.0		0.603
2	3.135	2.090	A	7.36	20.0		0.488
3	3.180	2.371	A	7.41	19.5		0.494
4	3.172	2.048	A	7.33	20.0		0.511
5	3.142	2.147	A	7.35	20.0		0.498
6	3.096	2.632	A	7.48	19.5		0.519
7	3.020	2.378	A	7.26	19.5		0.526
8	3.142	2.435	A	7.41	20.0		0.542
9	3.044	2.182	A	7.37	20.5	21.4	0.504
10	3.192	2.261	A	7.37	20.2		0.519
11	3.097	1.987	A	7.41	20.5		0.534
12	3.044	2.080	A	7.39	20.5		0.488
13	3.102	2.624	A	7.51	19.2		0.496
14	3.042	2.129	A	7.39	19.0		0.443
15	3.090	2.266	A	7.46	19.5		0.427
16	3.116	2.012	A	7.42	19.5		0.465
17	3.118	2.247	A	7.45	18.8		0.458
18	3.083	2.017	A	7.43	17.5		0.465
19	3.110	1.892	A	7.22	18.0		0.450
20	3.137	2.418	A	7.66	18.5		0.458
21	3.127	2.319	A	7.51	18.0		0.450
22	3.055	2.138	A	7.39	18.5		0.435
23	3.085	1.915	A	7.37	18.5		0.465
24	3.157	2.132	A	7.55	17.2		0.443
25	3.158	1.765	A	7.50	16.5		0.443
26	3.122	1.756	A	7.73	16.2		0.427
27	3.081	1.964	A	7.44	16.5		0.435
28	3.145	1.926	A	7.37	17.0		0.555
29	3.179	2.093	A	7.39	17.5		0.481
30	2.967	1.903	A	7.44	17.5		0.496
31	3.063	1.927	A	7.53	17.0		0.473
Average:	3.106	2.140		7.43	18.7		0.484
Maximum:	3.192	2.632		7.73	20.5		0.603
Sum:	96.273	66.345					

SEPTEMBER 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.109	1.566	A	7.25	17.5		0.488
2	3.089	1.943	A	7.71	16.8		0.488
3	3.108	2.059	A	7.43	16.5		0.465
4	3.002	1.851	A	7.48	16.5		0.481
5	3.154	2.024	A	7.40	16.0		0.504
6	3.108	1.839	A	7.43	16.5		0.504
7	2.927	1.878	A	7.48	16.5		0.481
8	2.937	1.689	A	7.44	16.5		0.404
9	3.173	1.864	A	7.38	16.5		0.259
10	3.151	1.772	A	7.47	16.5		0.473
11	3.203	1.521	A	7.34	16.0		0.542
12	3.153	1.734	A	7.77	16.0		0.565
13	2.936	1.456	A	7.55	15.5		0.549
14	3.180	1.709	A	7.83	15.0		0.534
15	3.099	1.562	A	7.49	15.0		0.50
16	3.104	1.462	A	7.73	15.0		0.526
17	3.217	1.608	A	7.51	15.0		0.58
18	2.962	1.517	A	7.94	14.5		0.595
19	1.949	1.581	A	7.45	14.0		0.579
20	1.980	1.542	A	7.61	14.0		0.42
21	1.959	1.567	A	7.68	14.0		0.412
22	1.970	1.403	A	7.59	14.0		0.351
23	7.957	1.508	A	7.66	13.5		0.534
24	1.942	1.489	A	7.51	13.5		0.443
25	1.898	1.566	A	7.52	13.5		0.542
26	1.813	1.526	A	7.57	13.5		0.435
27	1.903	1.602	A	7.57	13.5		0.427
28	1.940	1.552	A	7.51	14.0		0.458
29	1.815	1.467	A	7.45	14.5		0.458
30	1.829	1.303	A	7.45	14.0		0.465
31							
Average:	2.819	1.639		7.54	15.1		0.48
Maximum:	7.957	2.059		7.94	17.5		0.60
Sum:	84.567	49.160					

OCTOBER 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.882	1.568	A	7.58	14.5		0.481
2	1.883	1.365	A	7.55	15.0		0.488
3	1.914	1.547	A	7.60	14.5		0.519
4	1.989	1.450	A	7.48	13.0		0.511
5	1.970	1.363	A	7.61	12.8		0.666
6	1.967	1.262	A	7.59	13.0		0.611
7	1.958	1.248	A	7.55	13.5		0.579
8	1.966	1.294	A	7.53	12.5		0.655
9	1.968	1.304	A	7.51	13.0	25.4	0.635
10	1.980	1.320	A	7.34	13.0		0.74
11	1.996	1.314	A	7.55	12.5		0.58
12	1.998	1.374	A	7.41	12.0		0.504
13	1.960	1.372	A	7.31	11.5		0.351
14	1.706	1.152	A	7.36	11.5		0.441
15	1.733	1.321	A	7.45	11.0		0.46
16	1.717	1.238	A	7.42	10.5		0.458
17	1.921	1.489	A	7.42	11.0		0.443
18	2.002	1.451	A	7.37	11.0		0.465
19	2.032	1.499	A	7.46	11.0		0.465
20	2.052	1.470	A	7.48	10.5		0.435
21	2.073	1.382	A	7.49	11.0		0.458
22	2.055	1.438	A	7.55	10.5		0.488
23	2.051	1.376	A	7.57	11.0		0.465
24	2.052	1.368	A	7.65	11.0		0.437
25	2.067	1.361	A	7.58	11.5		0.43
26	2.064	1.212	A	7.55	12.0		0.458
27	1.991	1.393	A	7.49	12.0		0.447
28	2.133	1.182	A	7.26	12.5		0.84
29	2.062	1.143	A	7.04	12.0	14.5	2.150
30	2.096	1.397	A	7.19	12.0		3.27
31	2.059	1.269	A	7.17	12.0		3.06
Average:	1.977	1.352		7.46	12.1		0.74
Maximum:	2.133	1.568		7.65	15.0		3.27
Sum:	61.297	41.922					

NOVEMBER 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.093	1.360	A	7.35	12.0		0.633
2	2.067	1.266	A	6.92	12.5		0.671
3	2.047	1.373	A	7.16	12.0		0.64
4	2.055	1.176	A	7.22	12.5		0.427
5	2.123	1.300	A	7.10	12.0		1.03
6	2.105	1.272	A	7.23	12.0	10.9	0.633
7	2.055	1.336	A	7.17	11.2		0.626
8	2.063	1.263	A	7.27	10.0		0.572
9	2.103	0.419	A	7.29	9.5		0.549
10	2.104	1.341	A	7.32	8.5		0.526
11	2.077	1.272	A	7.36	8.5		0.435
12	2.080	1.317	A	7.30	8.0		0.389
13	2.048	1.288	A	7.39	8.2		0.381
14	2.157	1.500	A	7.32	8.5		0.389
15	2.129	1.384	A	7.15	8.0		0.40
16	2.097	1.398	A	7.31	8.5		0.526
17	0.120	1.369	A	7.28	8.2		0.412
18	2.107	1.334	A	7.26	8.0		0.443
19	2.120	1.316	A	7.33	7.5		0.587
20	1.953	1.269	A	7.42	7.0		0.412
21	2.091	1.559	A	7.55	6.5	20.4	0.404
22	2.198	1.337	A	7.53	6.5		0.427
23	2.010	1.072	A	7.49	6.5		0.418
24	2.058	1.243	A	7.51	6.0		0.259
25	2.091	1.342	A	7.51	6.0		0.413
26	2.055	1.310	A	7.44	8.0		0.496
27	1.850	1.382	A/SC	7.35	9.5		0.481
28	1.743	1.402	SC	7.20	9.0		5.63
29	1.915	1.356	SC	7.15	8.8		4.690
30	1.867	1.186	SC	7.14	9.0	8.8	2.73
31							
Average:	1.986	1.291		7.30	8.9		0.89
Maximum:	2.198	1.559		7.55	12.5		5.63
Sum:	59.581	38.742					

DECEMBER 2018 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.911	1.178	SC	7.15	8.5		2.33
2	1.950	1.214	SC	7.16	9.0		2.55
3	1.905	1.278	SC	7.07	7.2		2.41
4	1.855	0.121	SC	7.17	6.5		1.31
5	2.015	0.133	SC/A	7.25	5.2		1.08
6	2.058	1.260	A	7.29	7.0	17.7	0.839
7	2.088	1.452	A	7.30	6.2		0.565
8	2.094	1.256	A	7.25	6.0		0.473
9	2.017	1.252	A	7.37	7.0		0.473
10	2.047	1.433	A	7.33	7.5		0.61
11	1.843	1.198	SC/A	7.31	8.0		0.621
12	1.921	1.240	SC	7.13	7.0		5.05
13	1.915	1.189	SC	7.15	7.5		2.86
14	2.076	1.322	SC	7.11	7.0		1.97
15	2.015	1.267	A	7.21	9.0		1.10
16	2.081	1.205	A	7.19	8.5		0.58
17	1.971	1.306	A	7.28	9.0		0.732
18	1.973	1.126	A	7.31	10.0		0.88
19	1.943	1.125	A	7.11	10.5		2.602
20	1.925	1.237	SC/A	7.10	10.0		1.839
21	1.950	1.138	SC	7.08	9.0		3.29
22	1.925	1.203	SC	6.98	8.5		2.31
23	1.870	0.982	SC	7.02	8.5		2.47
24	1.900	1.077	SC	7.02	8.5		3.55
25	1.855	0.950	SC	7.07	8.5		3.17
26	2.068	1.175	SC/A	7.13	8.2		1.910
27	2.045	1.252	A	7.31	9.5		1.03
28	2.030	1.277	A	7.28	9.0		0.793
29	2.117	1.287	A	7.16	9.0		0.710
30	2.093	1.099	A	7.22	9.0		0.572
31	2.178	1.107	A	7.06	9.0		0.961
Average:	1.987	1.140		7.18	8.2		1.67
Maximum:	2.178	1.452		7.37	10.5		5.05
Sum:	59.619	35.339					

Appendix A3 - 2019 Silverton Raw Water Production Logs

2019 COMPILED RAW WATER DATA

Month	Raw	Treated	Backwash	WTP Use %
Jan	60.931	34.753	26.178	42.96%
Feb	54.359	33.593	20.766	38.20%
Mar	60.081	38.495	21.586	35.93%
Apr	58.745	35.105	23.64	40.24%
May	60.79	46.057	14.733	24.24%
Jun	75.759	59.747	16.012	21.14%
Jul	97.085	65.966	31.119	32.05%
Aug	96.902	64.588	32.314	33.35%
Sep	72.127	46.172	25.955	35.99%
Oct	60.376	40.441	19.935	33.02%
Nov	58.948	38.243	20.705	35.12%
Dec	62.138	42.42	19.718	31.73%
Sum:	818.241	545.58	272.661	
Average:				33.66%

JANUARY 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.088	1.061	A	7.10	9.0		0.595
2	2.025	1.257	A	7.23	7.5	9.5	0.671
3	2.005	1.161	A	7.36	8.2		0.671
4	2.010	1.172	A	7.30	8.5		0.732
5	1.995	1.047	A	7.27	9.5		0.839
6	1.975	1.102	A	7.36	8.5		0.671
7	1.985	1.232	A	7.30	8.5		0.730
8	1.973	1.077	A	7.30	8.5		0.649
9	1.965	1.171	A	7.25	8.0		0.771
10	1.955	1.099	A	7.38	9.0		0.778
11	1.962	1.128	A	7.30	9.0		0.255
12	1.970	1.099	A	7.20	8.0		0.610
13	1.932	1.046	A	7.44	8.0		0.641
14	1.910	1.074	A	7.34	7.5		0.542
15	1.995	1.288	A	7.34	7.5		0.572
16	1.960	1.053	A	7.30	7.0		0.671
17	1.925	1.163	A	7.37	7.5		0.572
18	1.950	1.024	A	7.36	8.5	12.6	0.641
19	1.955	1.157	A	7.31	8.0		0.542
20	1.975	1.012	A	7.12	8.0		0.412
21	1.946	1.070	A	7.04	8.5		0.961
22	1.955	1.051	A	7.38	8.5		0.992
23	1.935	1.290	A	7.30	9.5		1.190
24	1.963	1.071	A	7.12	9.5		1.970
25	1.969	1.173	A	7.24	9.0		1.440
26	1.957	1.149	A	7.21	9.0		1.212
27	1.939	0.961	A	7.18	9.0	13.4	1.320
28	1.956	1.206	A	7.23	8.5		1.030
29	1.915	1.125	A	7.24	8.0		1.010
30	1.945	1.175	A	7.28	7.5		0.820
31	1.941	1.059	A	7.35	7.5		0.830
Average:	1.966	1.121		7.27	8.3		0.817
Maximum:	2.088	1.290		7.44	9.5		1.970
Sum:	60.931	34.753					

FEBRUARY 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.959	1.232	A	7.38	7.5		0.73
2	1.947	1.079	A	7.34	8.5		1.15
3	1.937	1.235	A	7.37	8.5		0.96
4	1.961	1.479	A	7.36	9.0		1.31
5	1.945	1.353	A	7.30	8.5		1.13
6	1.936	1.113	A	7.22	7.0		1.03
7	1.951	1.292	A	7.39	7.0		0.655
8	1.953	1.277	A	7.39	7.0		0.430
9	1.950	1.251	A	7.27	7.0		0.636
10	1.936	1.097	A	7.34	6.5		0.717
11	1.942	1.311	A	7.38	6.8		0.540
12	1.932	1.288	A	7.26	7.5		2.730
13	1.924	1.315	A	7.38	7.5		5.410
14	1.918	1.215	A	7.35	8.0		3.110
15	1.925	1.083	A	7.26	8.0		4.550
16	1.935	1.121	A	7.25	8.0		2.48
17	1.975	1.037	A	7.28	8.0		2.61
18	1.927	1.132	A	7.31	7.5		2.44
19	1.948	1.217	A	7.27	8.0		1.73
20	1.955	1.181	A	7.30	8.0	17.5	1.41
21	1.946	1.184	A	7.42	7.5		1.55
22	1.940	1.172	A	7.36	7.5		1.34
23	1.932	1.078	A	7.40	8.0		1.40
24	1.942	1.068	A	7.42	8.0		1.62
25	1.938	1.211	A	7.40	8.0		2.05
26	1.928	1.221	A	7.43	8.0		1.58
27	1.934	1.080	A	7.31	7.2		1.73
28	1.943	1.271	A	7.37	7.5	14	1.25
29							
30							
31							
Average:	1.941	1.200		7.34	7.7		1.72
Maximum:	1.975	1.479		7.43	9.0		5.41
Sum:	54.359	33.593					

MARCH 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.931	1.086	A	7.38	7.5		1.21
2	1.937	1.219	A	7.38	7.5		1.15
3	1.948	1.039	A	7.42	7.5		1.07
4	1.942	1.181	A	7.39	7.5		0.96
5	1.945	1.256	A	7.43	6.5		0.86
6	1.922	1.169	A	7.39	7.5		0.71
7	1.928	1.285	A	7.50	7.5		0.97
8	1.936	1.153	A	7.40	7.0		0.83
9	1.940	1.940	A	7.28	7.0		1.00
10	1.936	1.194	A	7.30	6.0		0.82
11	1.950	1.218	A	7.39	7.0		0.69
12	1.934	1.225	A	7.35	7.0		0.76
13	1.941	1.286	A	7.46	7.8		1.55
14	1.913	1.108	A	7.38	7.8		0.91
15	1.944	1.304	A	7.36	7.2		0.89
16	1.955	1.515	A	7.41	7.3		0.94
17	1.943	1.773	A	7.38	7.5		1.01
18	1.951	1.097	A	7.33	8.0		1.18
19	1.923	1.274	A	7.26	8.5		0.95
20	1.939	1.333	A	7.37	8.5		1.73
21	1.944	1.296	A	7.30	8.5		2.73
22	1.940	1.107	A	7.17	8.5		1.46
23	1.948	1.111	A	7.20	8.5		1.66
24	1.936	1.097	A	7.22	8.0		1.59
25	1.935	1.257	A	7.27	8.2		0.93
26	1.938	1.146	A	7.25	8.0		1.12
27	1.929	1.277	A	7.28	8.5		1.20
28	1.918	0.991	A	7.32	8.0	10.4	1.46
29	1.955	1.230	A	7.35	8.0		0.94
30	1.938	1.179	A	7.35	8.0		0.93
31	1.942	1.149	A	7.35	8.5		0.91
Average:	1.938	1.242		7.34	7.7		1.13
Maximum:	1.955	1.940		7.50	8.5		2.73
Sum:	60.081	38.495					

APRIL 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.923	1.210	A	7.27	8.8		0.92
2	1.949	1.121	A	7.35	9.0		0.98
3	1.952	1.171	A	7.04	9.0		1.89
4	1.947	1.144	A	7.30	9.5		2.66
5	1.946	1.192	A	7.29	9.5		1.33
6	1.948	1.080	A	6.93	9.0		5.25
7	1.974	1.168	SC	7.05	9.0		14.00
8	1.958	1.240	SC	6.89	9.5		13.30
9	1.966	1.286	SC	6.90	9.5	6	15.10
10	1.951	1.081	SC	6.95	9.0		8.80
11	1.955	1.181	SC	7.02	9.2		5.29
12	1.983	1.198	SC	6.96	9.0		5.41
13	1.954	1.123	SC	6.94	9.0		5.31
14	1.962	1.063	SC	6.84	9.0		5.43
15	1.933	1.216	SC/A	7.05	8.5		2.48
16	1.963	1.088	A	7.16	10.0		3.12
17	1.961	1.135	A	7.23	10.0	11.3	1.98
18	1.951	1.276	A	7.25	10.0		2.78
19	1.955	1.075	A	7.26	11.0		3.03
20	1.962	1.070	A	7.24	10.5		3.25
21	1.963	1.055	A	7.21	10.0		3.06
22	1.975	1.176	A	7.30	10.0		2.16
23	1.947	1.144	A	7.30	10.2		2.11
24	1.976	1.202	A	7.30	10.5		1.16
25	1.988	1.226	A	7.30	10.5		1.189
26	1.991	1.302	A	7.37	11.0		1.099
27	1.958	1.126	A	7.35	11.5		1.068
28	1.937	1.154	A	7.36	11.0		0.992
29	1.971	1.240	A	7.37	10.5		0.977
30	1.946	1.362	A	7.38	10.5	14.1	0.984
31							
Average:	1.958	1.170		7.17	9.8		3.90
Maximum:	1.991	1.362		7.38	11.5		15.10
Sum:	58.745	35.105					

MAY 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.949	1.607	A	7.42	11.0		0.885
2	1.962	1.357	A	7.29	11.0		0.877
3	1.964	1.375	A	7.44	11.2		0.873
4	1.950	1.430	A	7.38	11.5		0.900
5	1.972	1.430	A	7.37	12.0		0.824
6	1.935	1.750	A	7.47	12.5		0.824
7	1.940	1.584	A	7.34	13.5		0.923
8	1.915	1.779	A	7.45	13.2		0.855
9	1.911	1.728	A	7.38	13.5		0.732
10	1.953	1.953	A	7.34	14.0		0.725
11	1.995	1.679	A	7.36	14.0		0.725
12	1.937	1.655	A	7.29	14.5		0.748
13	1.985	1.753	A	7.41	14.0		0.999
14	1.951	1.309	A	7.38	14.0		0.725
15	1.962	1.529	A	7.66	13.0		0.847
16	1.948	1.347	A	7.52	12.5		0.793
17	1.988	1.342	A	7.61	12.2		0.832
18	1.984	1.356	A	7.69	12.5		0.771
19	1.926	1.268	A	7.44	13.5		0.748
20	1.983	1.363	A	7.63	12.2		0.969
21	1.952	1.350	A	7.54	12.0		0.732
22	1.967	1.410	A	7.69	12.5		0.771
23	1.973	1.389	A	7.71	13.5		0.771
24	1.975	1.357	A	7.59	13.5		0.748
25	1.989	1.309	A	7.55	13.0		0.755
26	1.980	1.171	A	7.57	13.0		0.769
27	1.952	1.187	A	7.52	13.0		0.777
28	1.961	1.397	A	7.68	13.0		0.847
29	1.971	1.519	A	7.79	13.0		0.755
30	1.979	1.616	A	7.50	14.5		0.748
31	1.981	1.758	A	7.28	15.0		0.702
Average:	1.961	1.486		7.49	13.0		0.805
Maximum:	1.995	1.953		7.79	15.0		0.999
Sum:	60.790	46.057					

JUNE 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.977	1.713	A	7.24	15.5		0.671
2	1.977	1.771	A	7.20	16.0		0.649
3	1.985	1.753	A	7.32	16.2		0.641
4	1.992	1.776	A	7.31	16.0		0.695
5	1.996	1.796	A	7.23	15.5		0.595
6	1.958	1.599	A	7.41	14.5		0.580
7	1.955	1.434	A	7.40	13.8		0.595
8	1.998	1.548	A	7.50	13.5		0.641
9	1.963	1.840	A	7.40	13.5		0.618
10	1.998	1.998	A	7.25	15.0		0.603
11	2.000	2.000	A	7.21	15.5		0.702
12	2.355	2.355	A	7.21	17.0		0.763
13	2.342	2.342	A	7.27	18.0		0.824
14	2.373	2.373	A	7.28	18.0		0.763
15	2.362	2.362	A	7.29	16.5		0.771
16	2.407	2.046	A	7.26	17.0		0.740
17	2.285	2.285	A	7.31	17.5		0.905
18	2.396	2.146	A	7.26	17.5		0.755
19	2.995	2.709	A	7.33	16.5		0.740
20	3.083	1.811	A	7.23	15.5		0.687
21	3.160	2.186	A	7.45	15.2		0.641
22	3.099	1.963	A	7.41	15.5		0.725
23	3.183	1.963	A	7.47	16.0		0.655
24	3.124	2.382	A	7.84	16.0		0.763
25	3.174	2.222	A	7.49	16.5		0.607
26	3.051	1.945	A	7.39	16.2		0.549
27	3.108	1.839	A	7.34	16.0		0.603
28	3.124	1.789	A	7.61	14.5		0.771
29	3.191	1.807	A	7.45	15.0		0.603
30	3.148	1.994	A	7.42	15.0		0.595
31							
Average:	2.525	1.992		7.36	15.8		0.682
Maximum:	3.191	2.709		7.84	18.0		0.905
Sum:	75.759	59.747					

JULY 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.173	2.274	A	7.41	17.5		0.572
2	3.069	2.033	A	7.61	17.5		0.557
3	3.194	2.289	A	7.61	16.0		0.595
4	3.147	1.888	A	7.59	16.0		0.511
5	3.151	2.061	A	7.34	17.5		0.549
6	3.117	1.805	A	7.34	16.8		0.519
7	3.160	1.909	A	7.27	16.2		0.496
8	3.155	2.327	A	7.45	17.0		0.580
9	3.071	1.868	A	7.18	17.0		0.504
10	3.179	1.775	A	7.40	16.5		0.473
11	3.123	1.874	A	7.44	17.0		0.458
12	3.011	1.960	A	7.40	18.0		0.511
13	3.097	1.956	A	7.38	18.0		0.580
14	3.055	1.820	A	7.36	18.0		0.549
15	3.108	2.124	A	7.42	18.5		0.534
16	3.122	2.029	A	7.41	18.5		0.496
17	3.110	2.112	A	7.41	18.5		0.534
18	3.137	2.065	A	7.39	18.0		0.511
19	3.191	2.260	A	7.36	18.0		0.610
20	3.147	2.130	A	7.37	17.5		0.565
21	3.161	2.107	A	7.41	18.0		0.565
22	3.166	2.493	A	7.36	18.0		0.526
23	3.171	2.259	A	7.35	18.5		0.649
24	3.157	2.315	A	7.50	18.0		0.565
25	3.144	2.450	A	7.35	18.0		0.557
26	3.136	2.195	A	7.39	18.5		0.580
27	3.155	2.208	A	7.30	19.0		0.534
28	3.064	2.068	A	7.25	18.0		0.465
29	3.206	2.605	A	7.40	18.5		0.567
30	3.099	2.285	A	7.35	18.5		0.549
31	3.109	2.422	A	7.41	18.0		0.496
Average:	3.132	2.128		7.39	17.7		0.541
Maximum:	3.206	2.605		7.61	19.0		0.649
Sum:	97.085	65.966					

AUGUST 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.137	2.157	A	7.45	18.5		0.549
2	3.170	2.285	A	7.43	19.0		0.534
3	3.135	2.155	A	7.44	19.0		0.504
4	3.117	2.208	A	7.40	19.0		0.557
5	3.127	2.528	A	7.36	19.5		0.526
6	3.238	2.577	A	7.34	20.0		0.580
7	3.163	2.438	A	7.38	19.5		0.534
8	3.151	2.140	A	7.36	18.0		0.481
9	3.153	1.918	A	7.36	18.0		0.435
10	3.099	1.769	A	7.34	18.0		0.481
11	3.154	1.682	A	7.27	18.0		0.534
12	3.167	2.019	A	7.44	17.8		0.580
13	3.091	2.073	A	7.40	18.0		0.458
14	3.106	2.213	A	7.20	18.5		0.488
15	3.175	2.289	A	7.36	19.0		0.465
16	3.111	2.100	A	7.36	19.0		0.450
17	3.111	2.074	A	7.31	19.0		0.374
18	3.111	2.191	A	7.35	19.0		0.443
19	3.139	2.132	A	7.40	18.0		0.404
20	3.163	2.082	A	7.30	18.2		0.511
21	3.156	1.841	A	7.51	18.5		0.526
22	3.037	1.797	A	7.55	17.5		0.504
23	3.109	1.762	A	7.40	17.2		0.572
24	3.198	1.919	A	7.30	17.2		0.519
25	3.158	1.934	A	7.10	17.2		0.496
26	3.063	2.195	A	7.42	17.5		0.481
27	3.066	2.172	A	7.36	17.5		0.504
28	3.029	2.158	A	7.44	18.2		0.504
29	3.123	2.017	A	7.39	19.0		0.473
30	3.122	1.886	A	7.45	18.5		0.809
31	3.023	1.877	A	7.36	18.5		0.526
Average:	3.126	2.083		7.37	18.4		0.510
Maximum:	3.238	2.577		7.55	20.0		0.809
Sum:	96.902	64.588					

SEPTEMBER 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	3.017	1.785	A	7.40	18.0		0.496
2	3.039	1.925	A	7.42	18.0		0.504
3	3.036	2.049	A	7.37	18.5		0.496
4	3.160	1.975	A	7.49	18.5		0.504
5	3.120	1.950	A	7.44	18.0		0.450
6	3.106	2.045	A	7.42	18.5		0.481
7	3.176	1.641	A	7.30	18.5		0.465
8	3.165	1.556	A	7.45	18.0		0.488
9	3.232	1.670	A	7.58	17.5		0.542
10	3.028	1.451	A	7.40	17.0		0.977
11	3.170	1.512	A	7.21	16.5	20.5	0.984
12	3.050	1.594	A	7.28	16.2		0.664
13	1.975	1.514	A	7.41	17.0		0.511
14	1.975	1.407	A	8.05	17.0		0.572
15	1.968	1.451	A	8.21	16.8		0.504
16	1.924	1.394	A	7.52	16.2		1.289
17	1.966	1.384	A	7.48	15.5		0.946
18	1.962	1.397	A	7.61	15.5		0.725
19	1.949	1.397	A	7.30	15.2		2.953
20	1.866	1.267	A	7.48	15.2	14.2	0.908
21	1.840	1.410	A	7.44	15.0		0.404
22	1.960	1.257	A	7.50	15.0		0.320
23	2.007	1.580	A	7.51	15.0		0.877
24	1.971	1.437	A	7.41	15.5		0.801
25	1.917	1.334	A	7.37	15.8		0.633
26	1.948	1.420	A	7.42	15.0		0.542
27	1.864	1.375	A	7.71	14.5		0.526
28	1.907	1.430	A	7.68	14.0		0.511
29	1.973	1.274	A	7.70	14.0		0.473
30	1.856	1.291	A	7.71	12.0		0.565
31							
Average:	2.404	1.539		7.51	16.2		0.704
Maximum:	3.232	2.049		8.21	18.5		2.953
Sum:	72.127	46.172					

OCTOBER 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.935	1.370	A	7.53	11.8		0.427
2	1.957	1.419	A	7.56	11.2		0.473
3	1.943	1.311	A	7.87	11.5		0.443
4	1.846	1.361	A	7.70	12.2		0.473
5	1.901	1.330	A	7.72	12.0		0.455
6	1.924	1.282	A	7.65	12.0		0.438
7	1.946	1.345	A	7.37	12.0		0.694
8	1.971	1.330	A	7.92	12.2		0.526
9	2.010	1.399	A	7.57	12.5		0.557
10	1.940	1.318	A	7.49	11.0		0.443
11	1.971	1.257	A	7.36	10.0		0.381
12	2.000	1.400	A	7.40	10.0		0.320
13	1.973	1.241	A	7.57	10.0		0.259
14	1.945	1.459	A	7.77	11.0		0.656
15	1.996	1.381	A	7.35	11.0		0.313
16	1.998	1.307	A	7.44	11.0		0.267
17	1.993	1.403	A	7.39	11.0		0.534
18	2.002	1.293	A	7.38	11.0		0.618
19	1.991	1.194	A	7.27	11.0		0.870
20	1.911	1.266	A	7.31	11.0		0.871
21	2.023	1.332	A	7.02	10.5		1.320
22	1.974	1.341	A	7.30	12.0		0.778
23	2.008	1.339	A	7.07	11.8	10.3	0.992
24	1.890	1.284	A	7.19	11.0		0.542
25	1.970	1.255	A	7.26	11.0		0.534
26	2.011	1.181	A	7.20	11.0		0.336
27	1.936	1.145	A	7.22	11.0		0.290
28	1.966	0.664	A	7.35	9.0	10.9	0.473
29	1.579	1.513	A	6.96	9.0		0.321
30	1.885	1.334	A	7.29	6.5		0.328
31	1.981	1.387	A	7.17	7.0		0.328
Average:	1.948	1.305		7.41	10.8		0.525
Maximum:	2.023	1.513		7.92	12.5		1.320
Sum:	60.376	40.441					

NOVEMBER 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	1.962	1.512	A	6.99	7.0		0.452
2	2.027	1.402	A	7.01	7.0		0.313
3	1.990	1.368	A	7.19	7.0		0.370
4	1.857	1.277	A	7.34	7.5		0.534
5	1.881	1.278	A	7.29	7.5		0.336
6	2.008	1.389	A	7.29	8.0		0.343
7	1.889	1.307	A	7.30	7.8		0.328
8	1.932	1.232	A	7.36	7.2		0.420
9	1.959	1.241	A	7.29	7.5		0.321
10	1.976	1.153	A	7.44	8.2		0.282
11	1.926	1.260	A	7.41	9.0		0.435
12	1.867	1.214	A	7.17	9.2		0.404
13	1.915	1.301	A	7.44	9.0		0.351
14	2.016	1.344	A	7.46	10.0		0.343
15	2.008	1.263	A	7.36	9.5		0.343
16	2.010	1.281	A	7.07	10.0		0.427
17	1.914	1.148	A	7.33	9.5		0.412
18	1.921	1.225	A	7.42	10.0	13.8	0.366
19	1.947	1.290	A	7.41	10.0		0.427
20	1.994	1.329	A	7.29	10.0	16.4	0.687
21	1.962	1.226	A	7.28	9.5		0.465
22	1.934	1.241	A	7.27	7.5		0.397
23	1.992	1.204	A	7.28	7.5		0.321
24	2.010	1.164	A	7.16	7.0		0.305
25	2.045	1.372	A	7.39	7.5		0.328
26	2.061	1.340	A	7.32	8.0		0.404
27	2.007	1.304	A	7.42	8.0	11.3	0.412
28	1.974	1.184	A	7.36	8.0		0.351
29	1.972	1.166	A	7.34	7.5		0.328
30	1.992	1.228	A	7.33	7.0		0.305
31							
Average:	1.965	1.275		7.30	8.3		0.384
Maximum:	2.061	1.512		7.46	10.0		0.687
Sum:	58.948	38.243					

DECEMBER 2019 SILVERTON TREATMENT PLANT RAW WATER DATA

Date	Raw Flow (MGD)	Treated Flow (MGD)	Source	pH	Temp C	Alk	turbidity NTU
1	2.030	1.311	A	7.30	7.0		0.298
2	2.071	1.441	A	7.35	6.2		0.374
3	2.021	1.415	A	7.41	6.0		0.313
4	2.000	1.383	A	7.38	5.5		0.305
5	2.031	1.396	A	7.36	6.5		0.313
6	1.998	1.407	A	7.23	6.8	13.2	0.313
7	2.090	1.332	A	7.38	6.5		0.313
8	2.095	1.309	A	7.31	7.5		0.420
9	2.026	1.308	A	7.25	8.0		0.549
10	1.995	1.322	A	7.23	8.0	14.9	0.366
11	1.979	1.328	A	7.39	7.5		0.374
12	1.946	1.435	A/SC	7.33	8.0		0.482
13	1.988	1.516	SC	6.82	7.5		4.85
14	1.996	1.356	SC	7.15	8.0		3.35
15	1.992	1.303	SC	7.10	8.0		2.30
16	1.989	1.442	SC	7.23	7.0		1.55
17	1.994	1.446	SC	7.22	6.2		1.31
18	1.926	1.400	SC	7.29	5.5		1.14
19	1.955	1.572	SC	7.15	6.5		1.05
20	1.850	1.734	SC	7.29	7.5		3.23
21	1.855	1.422	SC	7.21	7.5		2.74
22	1.945	1.353	SC	7.16	7.5		3.66
23	2.010	1.524	SC/A	7.05	8.0		3.21
24	2.079	1.403	A	7.21	8.5		0.878
25	2.048	1.084	A	7.18	8.0		0.755
26	2.059	1.304	A	7.25	8.0		0.870
27	2.019	1.295	A	7.21	7.5		0.588
28	2.024	1.197	A	7.19	7.5		0.649
29	2.030	1.133	A	7.11	7.5		0.580
30	1.985	1.299	A	7.25	8.0		0.618
31	2.112	1.250	A	7.21	9.0		0.588
Average:	2.004	1.368		7.23	7.3		1.24
Maximum:	2.112	1.734		7.41	9.0		4.85
Sum:	62.138	42.420					

APPENDIX A4 - 2017 FINISHED WATER

JANUARY 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.3	0.88	A	7.41	8.0	0.74	0.021
2	5.3	0.88	A	7.84	8.0	0.79	0.022
3	5.3	0.88	A	7.25	7.5	0.82	0.021
4	5.2	0.86	A	7.55	7.0	0.79	0.021
5	5.2	0.87	A	8.10	6.5	0.9	0.021
6	5.2	0.86	A	7.81	6.0	0.83	0.022
7	5.1	0.86	A	7.82	5.0	0.9	0.021
8	5.3	0.88	A	7.98	5.1	0.95	0.022
9	5.1	0.89	A	8.12	6.0	0.89	0.024
10	4.9	0.87	A	7.82	6.5	0.83	0.022
11	4.9	0.87	A	7.80	6.5	0.8	0.022
12	4.9	0.86	A	7.83	6.5	0.83	0.022
13	5.1	0.90	A	7.71	6.5	0.81	0.021
14	5.3	0.94	A	7.48	7.0	0.8	0.022
15	5.5	0.97	A	7.38	5.5	0.81	0.021
16	5.5	0.91	A	7.98	5.8	0.9	0.022
17	5.1	0.90	A	8.02	6.5	0.84	0.022
18	5.0	0.89	A/SC	7.79	7.5	0.86	0.021
19	4.9	0.87	SC	7.70	7.2	0.88	0.021
20	4.9	0.86	SC	7.84	7.1	0.88	0.022
21	5.0	0.88	SC	7.87	7.8	0.89	0.022
22	5.1	0.89	SC	7.71	7.5	0.86	0.022
23	4.9	0.87	A/SC	8.10	7.5	0.9	0.022
24	4.9	0.87	A	7.58	7.5	0.86	0.022
25	4.9	0.86	A	7.74	7.5	0.82	0.021
26	5.1	0.79	A	7.33	7.5	0.79	0.023
27	5.1	0.78	A	7.36	7.5	0.77	0.022
28	4.9	0.74	A	7.75	7.5	0.74	0.022
29	5.0	0.77	A	7.76	7.0	0.73	0.021
30	4.6	0.74	A	8.26	8.0	0.72	0.022
31	4.9	0.78	A	8.24	7.5	0.73	0.022
Average:	4.9	0.86		7.77	6.9	0.83	0.022
Maximum:	5.1	0.97		8.26	8.0	0.95	0.024

FEBRUARY 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	4.7	0.75	A	7.74	7.8	0.71	0.021
2	4.9	0.79	A	7.57	7.5	0.72	0.021
3	5.0	0.77	A/SC	7.53	7.2	0.73	0.021
4	4.9	0.76	SC	7.65	7.5	0.8	0.020
5	5.0	0.76	SC	7.57	7.5	0.76	0.022
6	5.2	0.80	SC	7.37	8.0	0.76	0.028
7	7.8	0.79	SC	7.15	7.8	0.78	0.027
8	5.1	0.77	SC	7.09	7.5	0.67	0.026
9	5.0	0.77	SC	7.58	8.0	0.73	0.026
10	7.5	0.79	SC	7.26	8.0	0.71	0.028
11	7.4	0.78	SC	7.14	8.0	0.69	0.027
12	7.6	0.80	SC	7.85	8.0	0.69	0.024
13	7.4	0.81	SC	8.48	8.0	0.71	0.024
14	4.9	0.79	A/SC	8.12	7.5	0.72	0.024
15	5.6	0.82	A	7.67	8.5	0.7	0.024
16	5.5	0.81	A	7.48	9.0	0.69	0.023
17	6.1	0.79	A	7.27	8.5	0.7	0.023
18	6.1	0.80	A	7.29	8.5	0.7	0.022
19	6.1	0.79	A	7.20	8.5	0.69	0.021
20	6.0	0.78	A	7.22	8.5	0.69	0.021
21	7.0	0.78	A	7.35	9.0	0.68	0.021
22	6.8	0.76	A	7.54	9.0	0.69	0.020
23	6.9	0.77	A	7.34	8.5	0.78	0.021
24	6.1	0.79	A	7.93	8.5	0.73	0.021
25	6.0	0.78	A	7.50	8.0	0.72	0.021
26	5.9	0.76	A	7.51	8.5	0.72	0.020
27	6.0	0.78	A	7.81	8.5	0.7	0.019
28	5.9	0.77	A	7.64	8.0	0.69	0.020
29							
30							
31							
Average:	6.0	0.78		7.53	8.1	0.72	0.023
Maximum:	7.8	0.82		8.48	9.0	0.80	0.028

MARCH 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.1	0.79	A	7.67	8.0	0.73	0.019
2	6.0	0.78	A	7.70	8.0	0.75	0.018
3	5.9	0.77	A	7.53	8.5	0.66	0.018
4	6.0	0.78	A	7.57	8.5	0.72	0.019
5	6.2	0.81	A	7.34	8.0	0.72	0.019
6	5.7	0.75	A	7.44	8.0	0.71	0.018
7	7.2	0.93	A	7.42	8.0	0.69	0.017
8	7.3	0.96	A	7.60	8.5	0.73	0.017
9	7.1	0.92	A/SC	7.93	9.0	0.7	0.017
10	5.8	0.91	SC	8.13	8.5	0.76	0.017
11	6.0	0.94	SC	7.90	8.0	0.9	0.019
12	5.9	0.92	SC	7.45	8.5	0.92	0.020
13	7.6	0.99	A/SC	7.38	9.2	0.92	0.020
14	6.9	0.81	A	7.60	10.0	0.94	0.019
15	6.9	0.81	SC	7.54	10.0	0.92	0.019
16	7.3	0.86	SC	7.86	9.0	0.87	0.018
17	5.9	0.83	A/SC	8.28	9.5	0.83	0.017
18	5.9	0.84	A	7.79	10.0	0.83	0.018
19	5.9	0.84	A	7.58	9.0	0.79	0.018
20	5.8	0.82	A	7.55	9.5	0.78	0.018
21	5.8	0.83	A	7.60	9.5	0.77	0.017
22	5.9	0.84	A	7.88	10.0	0.78	0.017
23	5.9	0.84	A	7.84	9.5	0.77	0.024
24	5.9	0.84	A	7.74	9.5	0.77	0.022
25	5.9	0.83	A	7.42	10.0	0.77	0.022
26	5.8	0.83	A	7.42	9.0	0.76	0.023
27	5.8	0.83	A	7.58	9.5	0.76	0.023
28	6.0	0.84	A	7.21	10.0	0.77	0.022
29	5.6	0.80	A	7.31	10.0	0.76	0.024
30	6.0	0.84	A	7.31	9.0	0.76	0.023
31	7.1	0.87	A	7.36	9.5	0.75	0.023
Average:	6.2	0.85		7.61	9.1	0.78	0.020
Maximum:	7.6	0.99		8.28	10.0	0.94	0.024

APRIL 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	7.0	0.85	A	7.57	10.0	0.74	0.023
2	6.9	0.83	A	7.55	10.0	0.75	0.023
3	7.0	0.85	A	7.56	9.5	0.73	0.022
4	7.1	0.86	A	7.69	9.5	0.76	0.023
5	7.0	0.85	A	7.76	10.0	0.75	0.033
6	6.8	0.83	A	7.88	10.0	0.75	0.030
7	6.6	0.80	A/SC	7.87	10.0	0.65	0.026
8	6.9	0.83	SC	7.58	10.0	0.76	0.033
9	6.7	0.81	SC	7.76	10.0	0.77	0.042
10	5.1	0.82	SC	8.26	10.0	0.8	0.036
11	5.1	0.82	SC	8.09	10.0	0.78	0.032
12	5.5	0.87	SC	8.01	10.0	0.75	0.030
13	4.7	0.81	SC	8.31	10.0	0.73	0.029
14	5.0	0.86	SC	8.05	10.0	0.71	0.031
15	4.8	0.83	SC	7.90	10.0	0.76	0.029
16	4.7	0.81	SC	7.69	10.0	0.77	0.027
17	4.7	0.82	SC	7.65	10.5	0.74	0.027
18	4.7	0.82	SC	7.60	11.0	0.72	0.026
19	4.5	0.79	SC	7.50	11.2	0.72	0.025
20	4.7	0.82	SC	7.34	11.0	0.78	0.025
21	5.1	0.82	SC	7.37	11.0	0.74	0.023
22	5.1	0.82	SC	7.23	11.0	0.72	0.022
23	5.7	0.87	SC	7.26	11.0	0.69	0.021
24	5.6	0.85	A/SC	7.51	11.5	0.67	0.021
25	5.5	0.84	A	7.74	11.5	0.68	0.021
26	5.5	0.83	A	7.48	11.0	0.71	0.020
27	5.7	0.87	A	7.63	10.8	0.71	0.021
28	5.3	0.81	A	7.70	10.5	0.69	0.021
29	5.3	0.81	A	7.72	10.5	0.71	0.021
30	5.4	0.82	A	7.37	10.0	0.7	0.021
31							
Average:	5.7	0.83		7.69	10.4	0.73	0.026
Maximum:	7.1	0.87		8.31	11.5	0.80	0.042

MAY 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.4	0.83	A	7.47	10.5	0.72	0.020
2	7.1	0.86	A	7.38	11.0	0.72	0.021
3	6.9	0.84	A	7.49	11.5	0.73	0.020
4	7.1	0.86	A	7.66	13.0	0.72	0.021
5	5.0	0.79	A	8.05	12.0	0.69	0.020
6	5.1	0.82	A	7.67	11.5	0.72	0.019
7	5.2	0.83	A	7.38	11.5	0.69	0.019
8	5.2	0.83	A	7.38	12.0	0.69	0.021
9	5.3	0.94	A	7.40	12.0	0.63	0.021
10	5.2	0.92	A	7.45	12.0	0.66	0.021
11	5.3	1.10	A	7.53	12.0	0.65	0.020
12	6.6	1.11	A	7.50	12.0	0.82	0.020
13	6.5	1.09	A	7.48	11.8	0.85	0.020
14	6.9	1.08	A	7.21	11.0	0.78	0.019
15	7.0	1.09	A	7.52	11.5	0.8	0.018
16	5.2	1.07	A	7.77	11.5	0.83	0.018
17	6.7	1.13	A	7.42	11.0	0.83	0.017
18	6.4	0.11	A	7.45	11.5	0.82	0.017
19	6.4	1.07	A	7.49	10.8	0.82	0.017
20	6.4	1.07	A	7.21	11.8	0.86	0.018
21	6.6	1.11	A	7.21	12.0	0.86	0.018
22	6.3	0.92	A	7.47	12.5	0.8	0.017
23	6.5	0.94	A	7.66	13.5	0.8	0.017
24	6.3	0.90	A	7.72	13.5	0.7	0.017
25	6.2	0.90	A	7.70	13.2	0.64	0.017
26	5.1	1.03	A	7.77	13.5	0.63	0.017
27	5.3	1.06	A	7.58	13.5	0.69	0.017
28	5.1	1.03	A	7.48	13.5	0.7	0.018
29	6.9	1.05	A	7.46	14.0	0.71	0.017
30	6.7	1.02	A	7.59	13.5	0.7	0.017
31	6.9	1.05	A	7.59	14.5	0.71	0.018
Average:	6.1	0.95		7.52	12.2	0.74	0.019
Maximum:	7.1	1.13		8.05	14.5	0.86	0.021

JUNE 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	7.1	1.08	A	7.68	14.5	0.64	0.019
2	6.8	1.03	A	7.70	14.5	0.7	0.020
3	7.0	1.06	A	7.53	14.0	0.7	0.020
4	6.7	1.03	A	7.40	14.0	0.68	0.021
5	6.3	1.04	A	7.55	14.0	0.7	0.021
6	6.2	1.01	A	7.50	14.0	0.73	0.021
7	6.2	1.03	A	7.56	14.0	0.64	0.021
8	6.3	1.04	A	7.52	14.5	0.68	0.021
9	6.5	1.06	A	7.60	15.0	0.67	0.022
10	6.5	1.06	A	7.21	14.0	0.68	0.022
11	6.2	1.02	A	7.34	14.0	0.66	0.023
12	6.2	1.02	A	7.07	13.0	0.66	0.022
13	6.2	1.02	A	7.18	13.0	0.61	0.021
14	6.2	1.02	A	7.15	13.0	0.67	0.020
15	6.2	1.03	A	7.11	13.0	0.63	0.020
16	6.6	1.00	A	7.29	13.5	0.63	0.019
17	6.7	1.02	A	7.26	13.5	0.65	0.018
18	6.6	1.06	A	7.15	14.0	0.63	0.019
19	6.6	1.06	A	7.24	14.5	0.64	0.019
20	6.8	1.09	A	7.45	15.0	0.72	0.019
21	6.8	1.25	A	7.67	15.5	0.96	0.019
22	6.3	1.24	A	7.94	15.5	0.9	0.020
23	6.2	1.24	A	7.61	15.5	0.95	0.030
24	6.3	1.25	A	7.47	15.0	0.94	0.024
25	6.4	1.26	A	7.44	16.5	0.94	0.021
26	6.6	1.31	A	7.47	17.0	0.92	0.025
27	6.3	1.17	A	7.45	17.5	0.91	0.019
28	6.4	1.10	A	7.58	17.0	0.97	0.022
29	6.4	1.07	A	7.51	16.5	0.91	0.021
30	6.4	1.00	A	7.55	16.5	0.84	0.034
31							
Average:	6.5	1.09		7.44	14.7	0.75	0.021
Maximum:	7.1	1.31		7.94	17.5	0.97	0.034

JULY 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.3	1.00	A	7.43	17.0	0.69	0.023
2	6.4	1.01	A	7.46	17.0	0.72	0.026
3	6.5	1.11	A	7.52	16.5	0.73	0.027
4	6.5	1.12	A	7.53	17.0	0.83	0.020
5	6.4	1.11	A	7.50	16.8	0.85	0.025
6	6.4	1.10	A	7.49	17.0	0.88	0.020
7	6.4	1.11	A	7.51	17.5	0.85	0.021
8	6.4	1.11	A	7.60	17.5	0.87	0.020
9	6.5	1.12	A	7.54	17.5	0.94	0.020
10	6.3	1.09	A	7.65	17.5	0.94	0.021
11	6.0	1.42	A	7.54	18.0	0.85	0.019
12	5.6	1.31	A	7.38	18.0	1	0.024
13	5.6	0.95	A	7.37	17.5	0.98	0.021
14	5.4	0.93	A	7.42	17.5	1	0.019
15	5.7	0.97	A	7.24	17.0	0.93	0.020
16	5.6	0.95	A	7.23	17.5	0.9	0.020
17	6.0	0.96	A	7.22	17.5	0.84	0.046
18	6.0	0.96	A	7.42	17.5	0.91	0.032
19	6.8	0.99	A	7.30	17.5	0.87	0.042
20	6.9	1.00	A	7.33	17.0	0.86	0.033
21	6.8	0.85	A	7.49	17.5	0.93	0.022
22	6.7	0.84	A	7.29	17.0	0.82	0.019
23	6.8	0.86	A	7.34	17.0	0.75	0.017
24	6.9	0.86	A	7.34	18.5	0.7	0.019
25	6.8	0.86	A	7.47	19.0	0.74	0.018
26	5.2	0.65	A	7.43	19.0	0.73	0.026
27	5.5	0.95	A	7.45	19.0	0.63	0.023
28	5.4	0.94	A	0.75	18.5	0.84	0.018
29	5.4	0.94	A	7.33	18.0	0.74	0.019
30	5.3	0.92	A	7.25	18.0	0.71	0.017
31	5.3	0.92	A	7.41	18.0	0.72	0.017
Average:	6.1	1.00		7.20	17.6	0.83	0.023
Maximum:	6.9	1.42		7.65	19.0	1.00	0.046

AUGUST 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.5	0.96	A	7.42	18.5	0.73	0.018
2	5.5	0.95	A	7.41	19.0	0.73	0.019
3	5.5	0.95	A	7.37	20.0	0.73	0.019
4	5.3	0.92	A	7.46	20.0	0.77	0.017
5	5.4	0.95	A	7.41	19.5	0.72	0.018
6	5.3	0.93	A	7.42	19.0	0.76	0.020
7	5.4	0.93	A	7.41	18.5	0.74	0.020
8	5.4	0.94	A	7.38	19.5	0.72	0.021
9	5.4	0.94	A	7.48	20.0	0.75	0.020
10	5.4	0.94	A	7.38	19.5	0.69	0.020
11	5.8	1.01	A	7.49	20.0	0.76	0.021
12	5.4	0.93	A	7.44	20.0	0.72	0.021
13	5.4	0.93	A	7.50	19.5	0.74	0.040
14	5.4	0.93	A	7.55	18.5	0.71	0.026
15	5.5	0.96	A	7.65	17.5	0.69	0.022
16	5.4	0.94	A	7.64	17.5	0.73	0.019
17	5.4	0.94	A	7.58	17.0	0.74	0.019
18	5.3	0.92	A	7.66	18.0	0.73	0.018
19	5.5	0.95	A	7.70	18.0	0.76	0.019
20	5.5	0.95	A	7.67	18.0	0.71	0.019
21	5.3	0.93	A	7.68	18.0	0.75	0.018
22	5.5	0.96	A	7.67	18.0	0.76	0.019
23	5.9	1.13	A	7.69	15.5	0.72	0.019
24	5.9	1.13	A	8.04	18.0	0.88	0.019
25	5.9	0.94	A	7.91	18.5	0.92	0.019
26	5.5	0.95	A	7.60	17.5	0.81	0.018
27	5.5	0.96	A	7.58	17.5	0.87	0.018
28	5.4	0.94	A	7.81	18.0	0.79	0.018
29	5.4	0.94	A	7.80	18.0	0.75	0.018
30	5.4	0.94	A	7.65	18.0	0.71	0.018
31	6.1	1.06	A	7.56	18.0	0.71	0.019
Average:	5.5	0.96		7.58	18.5	0.75	0.020
Maximum:	6.1	1.13		8.04	20.0	0.92	0.040

SEPTEMBER 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.7	1.00	A	7.55	18.0	0.69	0.019
2	5.6	0.93	A	7.58	18.0	0.72	0.019
3	6.0	1.01	A	7.60	18.0	0.75	0.018
4	5.6	0.95	A	7.68	1.5	0.71	0.019
5	5.5	0.30	A	7.85	18.5	0.72	0.019
6	5.6	0.95	A	7.77	19.0	0.69	0.020
7	6.0	1.01	A	7.74	18.7	0.69	0.020
8	6.5	1.07	A	7.70	19.0	0.66	0.022
9	5.9	0.98	A	7.73	19.0	0.76	0.029
10	6.1	0.99	A	7.69	19.0	0.77	0.022
11	6.1	0.96	A	7.88	18.5	0.76	0.025
12	6.3	0.98	A	8.10	18.0	0.81	0.025
13	6.4	1.00	A	8.09	17.5	0.8	0.022
14	5.9	1.01	A	8.18	17.0	0.86	0.020
15	5.6	0.98	A	7.90	16.5	0.86	0.020
16	5.5	0.95	A	7.74	16.0	0.88	0.021
17	5.6	0.98	A	7.73	16.0	0.88	0.020
18	5.2	0.95	A	7.76	15.8	0.86	0.019
19	5.4	1.09	A	7.33	15.5	0.78	0.025
20	6.1	1.14	A	7.27	15.0	0.86	0.024
21	6.3	1.10	A	7.28	15.0	0.87	0.023
22	5.6	1.12	A	8.14	14.0	0.88	0.024
23	5.6	1.18	A	7.14	14.0	0.95	0.023
24	7.8	1.22	A	7.20	13.5	1	0.021
25	7.8	1.17	A	7.44	14.0	1	0.020
26	8.1	1.01	A	7.50	14.0	1	0.021
27	7.6	0.96	A	7.63	14.5	0.92	0.019
28	7.2	0.90	A	7.55	15.0	0.87	0.019
29	7.2	0.90	A	7.52	15.5	0.84	0.018
30	7.4	0.92	A	7.44	15.0	0.85	0.018
31							
Average:	6.2	0.99		7.66	16.0	0.82	0.021
Maximum:	8.1	1.22		8.18	19.0	1.00	0.029

OCTOBER 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	7.3	0.91	A	7.56	14.5	0.85	0.018
2	7.2	0.91	A	7.41	14.0	0.85	0.018
3	7.4	0.92	A	7.61	13.8	0.89	0.018
4	7.4	0.92	A	7.74	13.0	0.91	0.021
5	7.3	0.92	A	7.66	12.5	0.92	0.019
6	7.5	0.86	A	7.64	12.0	0.81	0.019
7	7.4	0.85	A	0.75	12.5	0.79	0.018
8	7.2	0.82	A	7.54	12.5	0.75	0.019
9	7.6	0.87	A	7.76	12.5	0.76	0.019
10	7.6	0.87	A	7.60	12.0	0.79	0.019
11	7.3	0.83	A	7.78	12.0	0.76	0.018
12	7.4	0.85	A	7.70	11.0	0.74	0.019
13	7.0	0.81	A	7.69	11.8	0.68	0.020
14	7.2	0.83	A	7.76	11.5	0.74	0.021
15	7.3	0.83	A	7.41	11.0	0.69	0.020
16	7.3	0.84	A	7.49	10.5	0.8	0.020
17	7.2	0.82	A	7.36	11.0	0.74	0.019
18	7.3	0.84	A/SC	7.40	11.0	0.75	0.020
19	7.5	0.86	SC	7.43	11.5	0.75	0.020
20	7.8	1.01	SC	7.60	12.0	0.56	0.021
21	6.8	1.19	SC	7.99	11.5	0.53	0.038
22	4.1	1.10	SC	8.08	11.5	0.47	0.036
23	3.8	1.12	SC	7.49	12.1	0.83	0.044
24	5.6	0.87	A/SC	7.41	11.5	0.94	0.043
25	4.1	0.87	A	7.90	12.0	0.84	0.044
26	5.4	0.84	A	7.21	12.5	0.76	0.032
27	5.5	1.11	A	7.32	12.5	0.73	0.029
28	5.4	0.84	A	7.53	12.1	0.85	0.043
29	4.2	0.88	A	7.99	12.1	0.83	0.044
30	5.8	0.84	A	7.27	12.0	0.8	0.035
31	5.8	0.83	A	7.68	11.2	0.81	0.029
Average:	6.6	0.90		7.38	12.1	0.77	0.026
Maximum:	7.8	1.19		8.08	14.5	0.94	0.044

NOVEMBER 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.7	0.83	A	7.62	11.0	0.82	0.024
2	6.1	0.89	A	7.51	11.0	0.84	0.021
3	5.7	0.83	A	7.61	11.0	0.83	0.020
4	7.7	0.83	A	0.75	10.5	0.77	0.021
5	5.9	0.86	A	7.54	10.5	0.76	0.022
6	6.0	0.87	A	7.84	10.1	0.76	0.021
7	6.1	0.89	A	7.79	10.0	0.78	0.024
8	5.7	0.83	A	7.94	10.0	0.82	0.023
9	5.7	0.83	A	7.80	10.0	0.82	0.021
10	5.6	0.81	A	7.72	10.0	0.81	0.022
11	6.2	0.89	A	7.74	10.0	0.79	0.023
12	5.9	0.85	A	7.59	11.0	0.78	0.023
13	5.7	0.88	A/SC	7.53	11.0	0.78	0.022
14	6.0	0.87	SC	7.96	11.0	0.82	0.023
15	5.1	0.88	SC	8.22	10.5	0.81	0.022
16	5.2	0.89	SC	7.92	10.0	0.82	0.022
17	5.0	0.86	SC	7.69	9.5	0.79	0.022
18	5.1	0.87	SC	7.36	8.5	0.8	0.022
19	5.1	0.87	SC	6.97	8.0	0.8	0.022
20	6.0	0.87	SC	7.16	9.5	0.83	0.025
21	6.0	0.87	SC	7.53	9.5	0.83	0.026
22	5.2	0.88	SC	8.34	10.5	0.8	0.024
23	5.0	0.86	SC	7.60	11.0	0.81	0.023
24	5.2	0.89	SC	7.63	11.0	0.83	0.022
25	5.1	0.86	SC	7.68	10.5	0.84	0.022
26	5.0	0.86	SC	7.64	10.5	0.86	0.022
27	5.0	0.85	SC	7.77	10.0	0.87	0.022
28	6.2	0.90	SC/A	7.32	10.0	0.84	0.027
29	6.2	0.90	A	7.37	10.5	0.82	0.031
30	6.4	0.92	A	7.49	11.0	0.82	0.027
31							
Average:	5.7	0.87		7.42	10.3	0.81	0.023
Maximum:	7.7	0.92		8.34	11.0	0.87	0.031

DECEMBER 2017 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.4	0.93	A	7.45	10.5	0.87	0.023
2	6.5	0.94	A	7.45	10.5	0.88	0.022
3	6.0	0.87	A	7.41	10.5	0.88	0.021
4	6.4	0.92	A	7.61	10.5	0.85	0.020
5	6.3	0.92	A	7.67	10.0	0.89	0.021
6	6.1	0.88	A	7.87	9.5	0.89	0.021
7	6.2	0.90	A	7.86	9.0	0.89	0.019
8	6.2	0.89	A	7.71	8.5	0.89	0.019
9	6.1	0.88	A	7.73	8.0	0.9	0.021
10	6.4	0.93	A	7.68	8.0	0.89	0.021
11	6.4	0.93	A	7.60	7.8	0.87	0.021
12	6.6	0.95	A	7.64	7.2	0.88	0.021
13	6.4	0.92	A	7.70	7.2	0.89	0.021
14	6.1	0.88	A	7.63	7.5	0.88	0.021
15	6.2	0.90	A	7.60	7.0	0.85	0.021
16	6.1	0.88	A	7.56	7.0	0.87	0.021
17	6.1	0.88	A	7.59	7.0	0.89	0.021
18	6.0	0.87	A	7.75	8.2	0.88	0.021
19	6.0	0.86	A	7.63	8.5	0.87	0.020
20	6.1	0.89	A	7.62	8.0	0.86	0.021
21	6.6	0.90	A	7.48	7.5	0.86	0.020
22	6.5	0.89	A	7.54	8.0	0.86	0.021
23	6.1	0.88	A	7.87	7.5	0.86	0.022
24	6.1	0.89	A	7.70	7.5	0.85	0.021
25	6.0	0.87	A	7.68	7.5	0.87	0.021
26	6.1	0.89	A	7.86	7.5	0.87	0.021
27	6.2	0.90	A	7.52	7.5	0.85	0.021
28	6.0	0.88	A	7.85	7.5	0.85	0.021
29	5.8	0.93	A	7.88	9.0	0.86	0.021
30	6.0	0.87	SC	7.85	8.5	0.86	0.040
31	6.0	0.88	SC	7.62	8.0	0.86	0.040
Average:	6.2	0.90		7.66	8.3	0.87	0.022
Maximum:	6.6	0.95		7.88	10.5	0.90	0.040

APPENDIX A5 - 2018 FINISHED WATER

JANUARY 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.2	0.90	A	7.69	8.0	0.9	0.021
2	6.2	0.90	A/SC	7.86	7.0	0.9	0.022
3	6.5	0.94	A	7.94	8.0	0.89	0.024
4	5.8	0.93	A	8.17	7.5	0.87	0.024
5	6.1	0.97	A	7.98	8.0	0.86	0.026
6	5.9	0.94	A	7.94	8.0	0.85	0.024
7	5.7	0.91	A	7.74	8.0	0.84	0.023
8	5.6	0.90	A	7.69	8.5	0.85	0.022
9	5.6	0.90	A	7.71	8.5	0.87	0.022
10	5.7	0.90	A	7.67	8.5	0.84	0.021
11	5.4	0.87	A	7.47	9.0	0.83	0.020
12	6.2	0.89	A	7.40	10.2	0.83	0.020
13	6.2	0.89	A	7.39	9.5	0.82	0.020
14	5.6	0.90	A	7.73	9.0	0.83	0.021
15	5.5	0.88	A	7.71	9.0	0.84	0.021
16	5.5	0.88	A	7.45	9.5	0.85	0.021
17	5.6	0.90	A	7.69	9.0	0.88	0.020
18	5.5	0.87	A	7.67	9.5	0.84	0.021
19	5.4	0.85	A	7.37	9.0	0.83	0.020
20	5.5	0.88	A	7.30	9.5	0.85	0.021
21	6.0	0.87	A	7.13	9.5	0.82	0.020
22	6.1	0.88	A	7.36	9.0	0.84	0.021
23	6.1	0.89	A	7.65	9.0	0.83	0.020
24	5.8	0.84	A	7.66	9.5	0.87	0.021
25	6.0	0.87	A/SC	7.63	9.0	0.84	0.021
26	6.0	0.86	SC	7.58	8.5	0.85	0.021
27	5.3	0.85	SC	7.47	8.5	0.84	0.021
28	5.4	0.86	SC	7.64	8.5	0.85	0.022
29	5.7	0.90	A/SC	8.09	9.0	0.84	0.024
30	4.5	0.90	A	8.05	9.5	0.84	0.023
31	5.5	0.88	A	7.34	9.5	0.85	0.022
Average:	5.7	0.89		7.65	8.8	0.85	0.022
Maximum:	6.5	0.97		8.17	10.2	0.90	0.026

FEBRUARY 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.5	0.88	A	7.55	9.0	0.85	0.022
2	5.5	0.88	A	7.58	9.5	0.85	0.021
3	5.5	0.88	A	7.57	9.5	0.84	0.021
4	5.5	0.88	A	7.53	10.0	0.84	0.02
5	5.6	0.89	A	7.52	10.0	0.83	0.021
6	5.7	0.91	A	7.46	9.5	0.85	0.02
7	5.5	0.88	A	7.44	9.5	0.87	0.019
8	5.5	0.88	A	7.76	9.5	0.86	0.02
9	5.5	0.88	A	7.46	9.5	0.85	0.019
10	5.5	0.88	A	7.55	9.0	0.83	0.019
11	5.6	0.90	A	7.50	9.0	0.85	0.019
12	5.5	0.88	A	7.62	8.5	0.84	0.019
13	5.6	0.89	A	7.55	8.0	0.85	0.021
14	5.0	0.89	A	7.94	7.5	0.86	0.021
15	4.9	0.87	A	7.62	7.8	0.86	0.021
16	5.0	0.89	A	7.56	8.5	0.85	0.02
17	4.9	0.88	A	7.61	8.5	0.86	0.021
18	5.0	0.88	A	7.20	7.5	0.84	0.02
19	4.9	0.88	A	7.24	7.5	0.83	0.021
20	6.1	0.88	A	7.17	7.2	0.85	0.021
21	6.3	0.91	A	7.34	7.5	0.84	0.021
22	5.7	0.90	A	7.73	7.2	0.86	0.021
23	5.6	0.90	A	7.62	6.5	0.86	0.021
24	5.6	0.89	A	7.56	7.0	0.86	0.02
25	5.6	0.89	A	7.55	6.8	0.86	0.02
26	5.5	0.88	A	7.51	6.8	0.86	0.02
27	5.8	0.93	A	7.40	7.0	0.85	0.021
28	5.3	0.88	A	7.51	7.5	0.84	0.02
29							
30							
31							
Average:	5.5	0.89		7.52	8.3	0.85	0.020
Maximum:	6.3	0.93		7.94	10.0	0.87	0.022

MARCH 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.5	0.88	A	7.64	7.5	0.84	0.021
2	5.6	0.89	A	7.72	7.5	0.85	0.021
3	5.6	0.89	A	7.45	8.0	0.81	0.021
4	5.6	0.89	A	7.40	7.5	0.83	0.021
5	5.7	0.90	A	7.63	8.0	0.84	0.021
6	5.7	0.91	A	7.81	7.5	0.84	0.021
7	5.6	0.90	A	7.89	7.5	0.84	0.021
8	5.7	0.91	A	7.94	8.0	0.84	0.021
9	5.0	0.88	A	7.95	8.0	0.83	0.021
10	5.1	0.91	A	7.88	8.0	0.82	0.019
11	5.1	0.90	A	7.17	8.0	0.82	0.020
12	5.7	0.91	A	7.12	8.5	0.85	0.019
13	5.6	0.90	A	7.28	9.0	0.81	0.020
14	5.9	0.93	A	7.35	9.0	0.82	0.019
15	5.6	0.90	A	7.60	8.5	0.8	0.020
16	5.5	0.88	A	7.73	8.0	0.86	0.019
17	5.6	0.89	A	7.83	8.5	0.83	0.020
18	5.6	0.89	A	7.70	8.0	0.83	0.020
19	5.7	0.91	A	7.67	8.0	0.84	0.019
20	5.7	0.91	A	7.87	8.0	0.84	0.019
21	5.5	0.88	A	7.71	8.5	0.85	0.019
22	5.5	0.88	A	7.15	8.0	0.84	0.019
23	5.5	0.88	A	7.18	8.2	0.84	0.018
24	5.4	0.86	A	7.49	8.0	0.82	0.019
25	5.4	0.86	A	7.59	8.5	0.82	0.019
26	5.4	0.87	A	7.76	8.5	0.86	0.019
27	5.4	0.87	A	7.85	8.5	0.83	0.019
28	5.5	0.88	A	7.93	8.5	0.83	0.020
29	5.5	0.87	A	8.01	8.8	0.83	0.021
30	5.6	0.89	A	7.89	9.0	0.83	0.020
31	5.5	0.87	A	7.68	9.0	0.84	0.019
Average:	5.5	0.89		7.64	8.2	0.83	0.020
Maximum:	5.9	0.93		8.01	9.0	0.86	0.021

APRIL 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.4	0.87	A	7.59	9.0	0.87	0.019
2	5.5	0.88	A	7.93	9.0	0.84	0.020
3	5.5	0.88	A	7.92	9.0	0.84	0.019
4	5.5	0.88	A	7.95	8.5	0.83	0.020
5	5.5	0.87	A	8.08	8.5	0.83	0.019
6	5.5	0.88	A	8.01	10.0	0.82	0.019
7	5.0	0.89	A/SC	8.13	9.5	0.82	0.019
8	5.1	0.90	SC	7.99	10.0	0.82	0.019
9	5.1	0.90	SC	7.71	9.5	0.83	0.019
10	5.0	0.89	A/SC	7.56	10.0	0.82	0.020
11	5.6	0.89	A	7.44	9.0	0.81	0.021
12	5.6	0.89	A	7.47	9.5	0.8	0.020
13	5.5	0.88	A	7.48	9.0	0.8	0.021
14	5.5	0.87	A	7.39	10.0	0.79	0.021
15	5.4	0.87	A	7.43	9.0	0.79	0.021
16	5.2	0.82	A	7.50	9.0	0.8	0.021
17	5.4	0.87	A	7.60	9.5	0.8	0.021
18	5.5	0.88	A	7.66	9.5	0.81	0.021
19	5.4	0.86	A	7.89	10.0	0.82	0.021
20	5.5	0.88	A	7.75	10.0	0.78	0.021
21	5.4	0.87	A	7.66	10.0	0.77	0.021
22	6.1	0.88	A	7.50	10.0	0.76	0.020
23	6.4	0.93	A	7.60	10.5	0.76	0.020
24	6.1	0.88	A	7.60	10.5	0.75	0.021
25	6.2	0.90	A	7.63	11.5	0.73	0.020
26	6.1	0.89	A	7.82	11.8	0.71	0.019
27	6.2	0.89	A	7.82	11.5	0.7	0.020
28	6.2	0.89	A	7.79	11.5	0.68	0.019
29	6.1	0.88	A	7.64	11.0	0.69	0.019
30	6.1	0.88	A	7.63	11.5	0.7	0.019
31							
Average:	5.6	0.88		7.71	9.9	0.79	0.020
Maximum:	6.4	0.93		8.13	11.8	0.87	0.021

MAY 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.2	0.90	A	7.64	11.0	0.68	0.019
2	6.1	0.88	A	7.71	10.8	0.73	0.019
3	6.2	0.89	A	7.66	11.5	0.71	0.019
4	6.1	0.88	A	7.69	11.5	0.69	0.019
5	6.1	0.88	A	7.58	11.5	0.68	0.019
6	6.1	0.88	A	7.45	12.0	0.7	0.018
7	6.0	0.87	A	7.62	12.0	0.67	0.018
8	6.1	0.88	A	7.55	12.0	0.69	0.018
9	6.3	0.92	A	7.59	12.0	0.68	0.017
10	6.1	0.88	A	7.53	12.5	0.67	0.018
11	6.1	0.88	A	7.59	12.8	0.67	0.018
12	6.1	0.88	A	7.50	12.5	0.68	0.018
13	6.0	0.87	A	7.50	13.0	0.66	0.018
14	6.1	0.88	A	7.62	13.5	0.66	0.017
15	7.9	0.97	A	7.57	14.0	0.71	0.017
16	7.9	0.98	A	7.77	14.0	0.74	0.017
17	6.0	0.96	A	8.09	14.0	0.77	0.017
18	6.2	0.99	A	7.65	13.8	0.8	0.018
19	6.1	0.99	A	7.64	13.5	0.83	0.018
20	6.1	0.98	A	7.59	13.0	0.84	0.018
21	6.1	0.97	A	7.81	13.2	0.84	0.018
22	6.1	0.98	A	7.78	13.5	0.8	0.018
23	6.1	0.98	A	7.86	14.0	0.81	0.018
24	6.3	1.00	A	7.78	14.5	0.79	0.018
25	6.1	0.97	A	7.79	15.0	0.8	0.018
26	6.1	0.98	A	7.84	14.5	0.79	0.023
27	6.1	0.97	A	7.90	14.5	0.8	0.022
28	6.1	0.98	A	7.83	14.0	0.79	0.023
29	6.1	0.97	A	7.87	14.5	0.8	0.022
30	6.1	0.98	A	7.79	14.0	0.81	0.027
31	6.1	0.98	A	7.97	13.5	0.81	0.022
Average:	6.2	0.94		7.70	13.1	0.75	0.019
Maximum:	7.9	1.00		8.09	15.0	0.84	0.027

JUNE 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.1	0.98	A	7.84	13.5	0.82	0.022
2	6.2	0.99	A	7.76	13.5	0.80	0.022
3	6.2	1.00	A	7.62	14.0	0.81	0.022
4	6.1	0.98	A	7.95	14.5	0.81	0.022
5	6.0	0.97	A	7.94	14.5	0.80	0.022
6	5.9	0.94	A	7.86	13.8	0.79	0.022
7	6.0	0.97	A	7.76	14.5	0.76	0.022
8	6.0	0.97	A	7.82	14.5	0.81	0.022
9	6.1	0.97	A	7.77	14.5	0.77	0.021
10	6.1	0.98	A	7.68	14.0	0.75	0.034
11	6.1	0.97	A	7.62	13.5	0.80	0.033
12	6.2	1.00	A	7.47	13.5	0.77	0.028
13	6.2	0.99	A	7.74	14.5	0.81	0.023
14	6.0	0.89	A	7.60	14.0	0.63	0.024
15	6.2	0.88	A	7.58	14.0	0.71	0.022
16	6.3	0.89	A	7.51	14.0	0.72	0.024
17	6.2	0.88	A	7.57	14.0	0.71	0.023
18	6.1	0.95	A	7.75	15.0	0.68	0.029
19	6.3	0.99	A	7.73	16.0	0.73	0.022
20	6.2	0.96	A	7.67	16.5	0.73	0.023
21	6.0	0.93	A	7.69	16.0	0.72	0.022
22	6.1	0.95	A	7.71	17.0	0.73	0.024
23	6.1	0.95	A	7.71	16.5	0.77	0.025
24	6.1	0.95	A	7.64	16.5	0.76	0.022
25	6.2	0.97	A	7.61	16.5	0.76	0.024
26	6.4	0.99	A	7.72	17.0	0.73	0.024
27	6.3	0.96	A	7.66	16.8	0.75	0.024
28	6.4	0.98	A	7.63	16.5	0.71	0.023
29	6.3	0.97	A	7.77	16.2	0.73	0.024
30	6.2	0.95	A	7.56	16.5	0.74	0.023
31							
Average:	6.2	0.96		7.70	15.1	0.75	0.024
Maximum:	6.4	1.00		7.95	17.0	0.82	0.034

JULY 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.2	0.96	A	7.59	16.5	0.70	0.025
2	6.2	0.95	A	7.66	17.2	0.69	0.022
3	6.2	0.95	A	7.73	17.0	0.71	0.023
4	6.2	0.96	A	7.74	17.0	0.72	0.022
5	6.4	0.98	A	7.76	16.8	0.72	0.022
6	6.5	1.00	A	7.71	17.0	0.71	0.022
7	6.3	0.96	A	7.70	17.5	0.71	0.024
8	6.2	0.95	A	7.68	17.5	0.69	0.024
9	6.5	1.00	A	7.63	17.5	0.71	0.023
10	6.4	0.99	A	7.74	17.0	0.73	0.023
11	6.3	0.98	A	7.73	17.0	0.72	0.024
12	6.8	1.05	A	7.81	17.5	0.70	0.023
13	6.3	1.00	A	7.68	18.5	0.69	0.025
14	6.5	0.99	A	7.71	18.0	0.68	0.024
15	6.3	0.97	A	7.69	18.5	0.71	0.027
16	7.3	1.37	A	7.80	19.5	0.68	0.027
17	7.1	1.33	A	7.87	19.5	0.76	0.026
18	6.9	1.29	A	7.84	19.5	0.80	0.027
19	5.9	1.28	A	8.15	19.0	0.81	0.026
20	5.9	1.29	A	7.91	18.5	0.84	0.026
21	5.8	1.27	A	7.88	17.5	0.86	0.024
22	5.8	1.26	A	7.86	17.5	0.86	0.023
23	6.1	1.33	A	7.82	17.8	0.85	0.025
24	5.8	1.27	A	7.91	18.5	0.81	0.024
25	5.9	1.28	A	7.95	19.0	0.81	0.025
26	5.9	1.28	A	7.93	19.5	0.80	0.026
27	6.2	1.35	A	7.76	19.0	0.79	0.026
28	6.0	1.30	A	7.74	19.0	0.80	0.026
29	5.8	1.27	A	7.64	19.0	0.85	0.026
30	6.0	1.30	A	7.94	19.5	0.79	0.027
31	5.8	1.26	A	8.02	20.0	0.74	0.027
Average:	6.2	1.14		7.79	18.2	0.76	0.025
Maximum:	7.3	1.37		8.15	20.0	0.86	0.027

AUGUST 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.0	1.30	A	8.02	20.0	0.74	0.029
2	5.8	1.27	A	7.97	19.5	0.77	0.027
3	5.8	1.25	A	7.91	19.5	0.80	0.027
4	5.8	1.26	A	7.89	19.5	0.80	0.027
5	5.8	1.27	A	7.92	19.5	0.80	0.024
6	5.9	1.29	A	7.93	18.5	0.78	0.025
7	6.1	1.32	A	8.12	19.0	0.75	0.025
8	5.8	1.27	A	8.04	19.5	0.73	0.027
9	6.0	1.31	A	8.03	20.0	0.69	0.030
10	5.7	1.25	A	7.97	20.0	0.72	0.027
11	5.9	1.29	A	7.95	20.0	0.74	0.026
12	6.0	1.31	A	7.88	20.0	0.76	0.026
13	5.9	1.29	A	7.85	18.5	0.79	0.027
14	6.0	1.31	A	7.96	19.0	0.79	0.025
15	5.9	1.29	A	7.89	19.0	0.78	0.025
16	5.9	1.28	A	7.87	19.0	0.77	0.025
17	5.9	1.28	A	7.79	18.5	0.79	0.024
18	5.9	1.29	A	7.78	18.2	0.82	0.023
19	5.9	1.28	A	7.71	18.0	0.87	0.024
20	5.8	1.27	A	7.68	18.0	0.83	0.022
21	5.9	1.28	A	7.83	18.0	0.79	0.022
22	6.0	1.31	A	7.85	18.0	0.83	0.023
23	5.9	1.29	A	7.60	18.0	0.80	0.022
24	5.8	1.26	A	7.73	17.8	0.81	0.022
25	5.8	1.26	A	7.80	17.0	0.84	0.022
26	5.9	1.28	A	7.75	17.0	0.85	0.021
27	5.9	1.30	A	7.81	17.0	0.79	0.025
28	5.8	1.27	A	7.77	17.0	0.77	0.026
29	5.8	1.26	A	7.66	17.2	0.78	0.024
30	6.2	1.34	A	7.55	17.0	0.79	0.022
31	6.1	1.30	A	7.51	17.2	0.81	0.021
Average:	5.9	1.28		7.84	18.5	0.79	0.025
Maximum:	6.2	1.34		8.12	20.0	0.87	0.030

SEPTEMBER 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.3	1.28	A	7.46	17.0	0.82	0.021
2	6.3	1.29	A	7.50	17.0	0.85	0.021
3	6.3	1.28	A	7.55	16.5	0.86	0.020
4	6.5	1.33	A	7.55	16.0	0.87	0.020
5	6.2	1.27	A	7.43	16.2	0.86	0.019
6	6.7	1.28	A	7.46	16.2	0.85	0.020
7	7.1	1.36	A	7.55	16.5	0.84	0.020
8	7.1	1.36	A	7.53	16.5	0.87	0.020
9	6.5	1.26	A	7.44	16.5	0.84	0.020
10	6.6	1.27	A	7.60	16.5	0.86	0.020
11	6.5	1.25	A	7.54	16.5	0.85	0.020
12	6.6	1.27	A	7.60	16.0	0.83	0.021
13	7.1	1.36	A	7.53	16.0	0.85	0.021
14	7.0	1.25	A	7.49	15.2	0.87	0.020
15	7.2	1.29	A	7.71	15.0	0.88	0.020
16	7.2	1.29	A	7.80	15.0	0.89	0.020
17	6.9	1.24	A	7.83	15.0	0.88	0.020
18	7.5	1.35	A	7.80	14.5	0.88	0.021
19	7.7	1.14	A	7.78	14.5	0.88	0.021
20	7.6	1.12	A	7.70	14.0	0.85	0.019
21	7.7	1.13	A	7.68	14.0	0.85	0.019
22	7.6	1.13	A	7.72	14.0	0.86	0.019
23	7.7	1.13	A	7.63	13.5	0.84	0.019
24	7.7	1.14	A	7.74	14.0	0.86	0.019
25	7.9	1.17	A	7.70	14.0	0.88	0.019
26	8.3	1.22	A	7.91	13.5	0.9	0.019
27	7.9	1.17	A	7.82	13.5	0.87	0.019
28	7.7	1.14	A	7.74	14.0	0.89	0.019
29	8.3	1.22	A	7.72	14.0	0.87	0.019
30	8.2	1.21	A	7.74	14.5	0.88	0.019
31							
Average:	7.2	1.24		7.64	15.2	0.86	0.020
Maximum:	8.3	1.36		7.91	17.0	0.90	0.021

OCTOBER 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	8.0	1.18	A	7.82	14.8	0.88	0.019
2	8.0	1.18	A	7.81	14.5	0.85	0.020
3	5.7	1.16	A	7.92	14.0	0.86	0.019
4	6.5	1.12	A	7.54	13.5	0.9	0.019
5	6.6	1.13	A	7.61	13.0	0.89	0.019
6	6.6	1.13	A	7.65	13.0	0.9	0.019
7	6.6	1.14	A	7.51	12.5	0.79	0.020
8	6.6	1.13	A	7.56	13.0	0.77	0.031
9	7.4	1.13	A	7.46	13.5	0.77	0.025
10	7.4	1.12	A	7.58	13.0	0.79	0.023
11	7.3	1.11	A	7.74	13.0	0.79	0.021
12	7.3	1.11	A	7.66	12.5	0.83	0.021
13	7.5	1.13	A	7.92	12.0	0.84	0.019
14	8.6	1.30	A	7.86	12.0	0.86	0.019
15	8.4	1.28	A	7.98	11.5	0.87	0.018
16	7.5	0.92	A	8.25	11.2	0.91	0.019
17	6.7	0.82	A	7.82	11.0	0.76	0.018
18	6.5	0.79	A	7.79	11.0	0.74	0.017
19	6.4	1.09	A	7.78	11.0	0.7	0.019
20	6.3	1.08	A	7.70	11.0	0.83	0.018
21	6.2	1.07	A	7.74	11.0	0.86	0.018
22	6.3	1.08	A	7.74	11.0	0.89	0.019
23	6.3	1.08	A	7.78	11.0	0.89	0.018
24	6.3	1.08	A	7.84	11.2	0.9	0.018
25	6.3	1.08	A	7.88	11.5	0.91	0.019
26	6.3	1.08	A	7.77	12.5	0.87	0.019
27	6.5	1.12	A	7.74	12.5	0.91	0.021
28	6.1	1.04	A	7.65	12.5	0.88	0.024
29	6.0	1.04	A	7.67	12.5	0.8	0.026
30	6.2	1.06	A	7.70	12.5	0.75	0.020
31	6.3	1.08	A	7.62	12.0	0.78	0.022
Average:	6.8	1.09		7.74	12.3	0.84	0.020
Maximum:	8.6	1.30		8.25	14.8	0.91	0.031

NOVEMBER 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.2	1.06	A	7.34	13.0	0.72	0.025
2	6.3	1.08	A	7.45	12.0	0.7	0.025
3	6.3	1.09	A	7.63	12.5	0.75	0.025
4	6.3	1.08	A	7.81	12.5	0.73	0.025
5	5.1	1.05	A	8.22	12.5	0.74	0.024
6	5.1	1.06	A	8.08	12.2	0.8	0.023
7	5.3	1.08	A	8.01	12.0	0.66	0.021
8	5.3	1.08	A	7.94	11.5	0.69	0.021
9	5.2	1.06	A	7.78	10.0	0.74	0.019
10	5.2	1.06	A	7.85	9.5	0.77	0.023
11	5.2	1.07	A	7.83	8.8	0.78	0.021
12	5.2	1.07	A	7.80	9.0	0.8	0.021
13	5.4	1.04	A	7.84	8.2	0.86	0.021
14	5.1	0.99	A	7.87	8.0	0.83	0.022
15	5.2	1.01	A	7.63	8.5	0.82	0.019
16	5.3	1.02	A	7.86	8.5	0.82	0.020
17	5.2	1.01	A	7.63	9.0	0.82	0.018
18	5.2	1.02	A	7.60	9.0	0.83	0.019
19	5.2	1.01	A	7.88	8.5	0.85	0.019
20	5.6	1.10	A	7.70	8.0	0.87	0.019
21	5.3	1.02	A	7.92	8.5	0.87	0.019
22	5.0	0.97	A	7.88	8.0	0.89	0.018
23	5.5	1.06	A	7.85	8.0	0.85	0.018
24	5.3	1.04	A	7.87	8.0	0.78	0.019
25	5.3	1.02	A	7.80	8.0	0.83	0.022
26	5.4	1.04	A	7.91	9.0	0.76	0.021
27	6.0	1.16	A/SC	7.69	9.5	0.77	0.020
28	6.3	1.23	SC	7.87	9.0	0.76	0.021
29	5.7	1.12	SC	7.90	9.0	0.81	0.024
30	5.9	1.15	SC	7.72	9.0	0.8	0.026
31							
Average:	5.5	1.06		7.81	9.6	0.79	0.021
Maximum:	6.3	1.23		8.22	13.0	0.89	0.026

DECEMBER 2018 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.8	1.12	SC	7.55	9.0	0.78	0.026
2	5.6	1.09	SC	7.62	9.0	0.79	0.025
3	6.7	1.12	SC	7.35	8.2	0.79	0.025
4	6.9	1.15	SC	7.77	8.0	0.8	0.024
5	6.4	1.06	SC/A	7.78	7.2	0.73	0.025
6	6.2	1.04	A	7.61	7.5	0.83	0.027
7	5.3	1.02	A	7.97	7.5	0.88	0.026
8	5.3	1.02	A	7.63	6.5	0.9	0.027
9	5.5	1.06	A	7.70	7.2	0.93	0.027
10	5.4	1.05	A	7.79	7.5	0.91	0.025
11	6.0	1.16	SC/A	7.81	8.0	0.94	0.023
12	5.7	0.98	SC	7.97	8.0	0.96	0.022
13	5.2	0.98	SC	8.00	8.0	0.85	0.022
14	4.8	0.91	SC	7.40	7.5	0.77	0.022
15	5.5	0.93	A	7.35	8.0	0.75	0.022
16	5.3	0.90	A	7.44	8.5	0.75	0.022
17	5.6	0.95	A	7.66	8.5	0.76	0.021
18	5.6	0.95	A	7.60	10.0	0.77	0.021
19	5.7	0.97	A	7.88	9.2	0.75	0.021
20	5.7	0.98	SC/A	7.58	10.0	0.74	0.020
21	6.7	0.96	SC	7.37	9.0	0.74	0.022
22	6.7	0.98	SC	7.46	9.0	0.73	0.022
23	6.8	1.01	SC	7.46	9.0	0.73	0.022
24	5.8	0.99	SC	8.18	9.0	0.72	0.022
25	5.9	1.01	SC	7.92	9.0	0.74	0.022
26	5.8	0.09	SC/A	7.44	8.8	0.74	0.022
27	5.9	0.92	A	7.52	8.8	0.76	0.022
28	5.9	0.93	A	7.51	9.5	0.8	0.022
29	5.7	0.89	A	7.48	9.0	0.81	0.022
30	5.7	0.90	A	7.46	9.0	0.81	0.022
31	5.8	0.86	A	7.33	9.0	0.8	0.023
Average:	5.8	0.97		7.63	8.5	0.80	0.023
Maximum:	6.9	1.16		8.18	10.0	0.96	0.027

APPENDIX A6 - 2019 FINISHED WATER

JANUARY 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.1	0.90	A	7.27	9.0	0.80	0.023
2	6.8	0.93	A	7.35	9.0	0.81	0.023
3	6.4	0.94	A	7.99	8.5	0.82	0.023
4	6.4	0.94	A	7.80	8.5	0.84	0.024
5	6.4	0.94	A	7.74	8.5	0.83	0.023
6	6.5	0.95	A	7.85	8.5	0.82	0.022
7	6.5	0.95	A	7.94	8.5	0.82	0.022
8	6.5	0.95	A	8.09	8.5	0.83	0.021
9	6.5	0.95	A	8.08	8.5	0.82	0.020
10	6.1	0.96	A	7.84	9.0	0.83	0.020
11	6.1	0.96	A	7.75	8.8	0.83	0.020
12	6.1	0.95	A	7.50	8.0	0.79	0.020
13	6.2	0.97	A	7.47	8.5	0.79	0.020
14	6.3	0.98	A	7.74	8.0	0.80	0.019
15	6.0	0.94	A	7.74	7.5	0.79	0.019
16	6.1	0.96	A	7.63	7.5	0.79	0.019
17	6.2	0.98	A	7.75	7.5	0.79	0.020
18	6.2	0.96	A	7.73	8.0	0.79	0.020
19	6.1	0.96	A	7.70	8.0	0.78	0.020
20	6.1	0.95	A	7.53	8.0	0.78	0.020
21	6.2	0.97	A	7.68	8.0	0.77	0.022
22	6.1	0.96	A	7.59	8.5	0.78	0.023
23	6.2	0.97	A	7.50	9.5	0.76	0.023
24	6.1	0.96	A	7.40	9.0	0.76	0.023
25	6.5	0.95	A	7.39	8.5	0.76	0.022
26	6.5	0.96	A	7.48	9.0	0.77	0.022
27	6.6	0.97	A	7.41	8.5	0.77	0.022
28	6.5	0.96	A	7.64	8.5	0.76	0.022
29	6.7	0.98	A	7.81	7.5	0.78	0.021
30	6.6	0.97	A	7.85	7.8	0.79	0.026
31	6.6	0.97	A	7.81	7.5	0.81	0.024
Average:	6.3	0.96		7.68	8.3	0.80	0.022
Maximum:	6.8	0.98		8.09	9.5	0.84	0.026

FEBRUARY 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.5	0.96	A	7.81	8.0	0.82	0.022
2	6.6	0.97	A	7.70	8.5	0.81	0.021
3	6.6	0.97	A	7.71	8.2	0.81	0.020
4	6.5	0.96	A	7.97	8.0	0.84	0.020
5	5.7	0.97	A	8.29	8.0	0.93	0.021
6	5.7	0.97	A	7.55	7.5	0.94	0.020
7	6.2	0.96	A	7.39	7.0	0.86	0.021
8	6.1	0.96	A	7.69	7.0	0.83	0.019
9	6.2	0.96	A	7.55	7.0	0.86	0.019
10	6.2	0.97	A	7.64	7.0	0.91	0.019
11	6.2	0.97	A	7.75	7.2	0.87	0.019
12	6.2	0.97	A	7.80	7.5	0.89	0.019
13	6.2	0.98	A	7.94	7.5	0.86	0.020
14	5.7	0.98	A	8.10	7.5	0.88	0.021
15	5.7	0.98	A	7.76	8.0	0.87	0.022
16	5.7	0.97	A	7.73	8.0	0.86	0.022
17	5.6	0.95	A	7.68	8.0	0.82	0.023
18	5.7	0.98	A	7.53	8.0	0.83	0.023
19	6.2	0.97	A	7.22	7.5	0.81	0.023
20	6.1	0.96	A	7.50	8.0	0.81	0.023
21	6.2	0.97	A	7.58	7.8	0.82	0.024
22	6.2	0.97	A	7.63	7.8	0.81	0.024
23	6.2	0.97	A	7.60	8.0	0.80	0.023
24	6.2	0.97	A	7.54	8.0	0.78	0.023
25	6.2	0.97	A	7.63	8.2	0.77	0.022
26	6.2	0.98	A	7.89	7.5	0.78	0.023
27	6.2	0.97	A	7.93	7.5	0.80	0.023
28	6.2	0.97	A	7.94	8.0	0.81	0.023
29							
30							
31							
Average:	6.1	0.97		7.72	7.7	0.84	0.022
Maximum:	6.6	0.98		8.29	8.5	0.94	0.024

MARCH 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.7	0.97	A	8.13	7.5	0.80	0.024
2	5.7	0.97	A	7.82	7.5	0.81	0.023
3	5.7	0.97	A	7.73	7.2	0.81	0.024
4	5.7	0.97	A	7.59	6.8	0.81	0.024
5	5.7	0.97	A	7.55	7.0	0.82	0.023
6	5.7	0.98	A	7.45	7.5	0.81	0.022
7	5.7	0.98	A	7.58	7.2	0.82	0.022
8	5.7	0.97	A	7.56	7.2	0.81	0.022
9	5.7	0.97	A	7.30	7.0	0.82	0.022
10	5.7	0.97	A	7.34	7.0	0.82	0.019
11	5.6	0.96	A	7.61	7.0	0.80	0.021
12	5.7	0.97	A	7.40	7.0	0.79	0.021
13	5.7	0.97	A	7.46	7.2	0.81	0.021
14	5.8	0.98	A	7.46	7.5	0.79	0.022
15	5.7	0.97	A	7.50	7.5	0.78	0.021
16	5.6	0.96	A	7.48	7.5	0.74	0.021
17	5.7	0.97	A	7.41	7.5	0.74	0.021
18	5.6	0.96	A	7.88	8.0	0.80	0.021
19	5.7	0.98	A	7.64	8.2	0.81	0.021
20	5.7	0.97	A	7.63	8.5	0.82	0.019
21	5.7	0.97	A	7.54	9.0	0.80	0.020
22	6.2	0.97	A	7.44	8.5	0.78	0.020
23	6.2	0.97	A	7.42	9.0	0.77	0.020
24	6.2	0.97	A	7.51	8.5	0.78	0.020
25	6.2	0.97	A	7.70	8.8	0.78	0.019
26	6.2	0.97	A	7.61	8.5	0.81	0.020
27	6.2	0.97	A	7.65	8.5	0.81	0.019
28	6.3	0.98	A	7.59	8.5	0.82	0.021
29	5.6	0.96	A	8.05	8.5	0.84	0.022
30	5.7	0.97	A	7.63	8.5	0.83	0.022
31	5.7	0.97	A	7.59	8.5	0.82	0.020
Average:	5.8	0.97		7.59	7.8	0.80	0.021
Maximum:	6.3	0.98		8.13	9.0	0.84	0.024

APRIL 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.7	0.98	A	7.52	9.0	0.82	0.020
2	6.2	0.96	A	7.48	9.5	0.81	0.020
3	6.2	0.96	A	7.44	9.8	0.80	0.020
4	5.7	0.97	A	7.93	9.5	0.79	0.020
5	5.7	0.97	A	7.81	10.0	0.80	0.019
6	5.7	0.97	A	7.48	9.5	0.81	0.020
7	5.6	0.95	SC	7.58	10.0	0.79	0.020
8	5.1	0.96	SC	8.06	10.0	0.81	0.019
9	5.1	0.96	SC	7.63	9.5	0.80	0.022
10	5.1	0.96	SC	7.20	9.5	0.79	0.024
11	6.1	0.96	SC	7.15	10.0	0.80	0.025
12	5.6	0.95	SC	7.65	9.5	0.81	0.024
13	5.6	0.96	SC	7.54	9.5	0.80	0.022
14	5.6	0.96	SC	7.61	9.5	0.82	0.023
15	5.2	0.97	SC/A	8.46	9.0	0.82	0.022
16	5.1	0.96	A	7.44	9.5	0.82	0.022
17	5.6	0.96	A	7.49	10.2	0.82	0.022
18	5.6	0.96	A	7.40	10.1	0.82	0.022
19	5.6	0.96	A	7.47	11.0	0.82	0.022
20	5.6	0.96	A	7.43	11.0	0.80	0.023
21	5.6	0.96	A	7.45	10.5	0.81	0.022
22	5.6	0.95	A	7.36	10.5	0.78	0.022
23	5.7	0.97	A	7.41	10.2	0.82	0.021
24	5.6	0.95	A	7.56	10.5	0.81	0.022
25	5.5	0.95	A	7.53	11.0	0.81	0.021
26	5.5	0.94	A	7.72	11.5	0.80	0.020
27	5.6	0.96	A	7.90	11.2	0.79	0.019
28	5.7	0.97	A	7.82	11.0	0.76	0.019
29	5.6	0.95	A	7.79	11.0	0.78	0.019
30	5.7	0.97	A	7.91	11.0	0.79	0.018
31							
Average:	5.6	0.96		7.61	10.1	0.80	0.021
Maximum:	6.2	0.98		8.46	11.5	0.82	0.025

MAY 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.6	0.96	A	7.84	11.0	0.79	0.017
2	5.6	0.96	A	7.55	11.0	0.8	0.017
3	5.6	0.96	A	7.61	11.0	0.8	0.018
4	5.6	0.96	A	7.68	11.0	0.77	0.018
5	5.6	0.95	A	7.57	11.5	0.78	0.018
6	5.7	0.97	A	7.64	12.2	0.76	0.018
7	5.7	0.97	A	7.81	13.2	0.76	0.017
8	5.7	0.98	A	7.81	12.5	0.75	0.017
9	5.8	0.98	A	7.80	13.0	0.77	0.018
10	5.6	0.96	A	7.63	14.0	0.77	0.017
11	5.5	0.94	A	7.57	14.0	0.81	0.017
12	5.7	0.97	A	7.49	14.0	0.8	0.017
13	6.1	1.08	A	7.64	13.5	0.8	0.018
14	5.6	1.10	A	7.98	13.5	0.88	0.018
15	5.6	1.09	A	7.67	13.5	0.91	0.019
16	5.7	1.10	A	7.53	13.2	0.92	0.018
17	6.0	1.08	A	7.40	13.0	0.91	0.019
18	6.1	1.08	A	7.47	13.0	0.91	0.019
19	6.2	1.11	A	7.63	13.0	0.92	0.022
20	6.1	1.08	A	7.65	12.5	0.91	0.021
21	6.2	1.10	A	7.50	13.0	0.91	0.021
22	6.1	1.09	A	7.46	13.0	0.91	0.021
23	6.1	1.08	A	7.57	13.0	0.92	0.021
24	6.1	1.08	A	7.75	13.0	0.89	0.020
25	6.0	1.08	A	7.61	13.0	0.91	0.021
26	6.1	1.08	A	7.64	13.0	0.92	0.021
27	6.2	1.10	A	7.58	13.0	0.92	0.020
28	6.1	1.09	A	7.47	13.5	0.89	0.020
29	6.1	1.09	A	7.62	13.5	0.88	0.021
30	6.1	1.08	A	7.68	13.5	0.87	0.020
31	6.1	1.08	A	7.60	14.0	0.83	0.021
Average:	5.9	1.04		7.63	12.9	0.85	0.019
Maximum:	6.2	1.11		7.98	14.0	0.92	0.022

JUNE 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.1	1.08	A	7.52	15.0	0.83	0.019
2	6.1	1.08	A	7.53	15.0	0.84	0.020
3	6.1	1.08	A	7.68	15.5	0.85	0.018
4	6.0	1.07	A	7.72	15.5	0.83	0.019
5	6.0	1.07	A	7.60	15.5	0.84	0.018
6	6.1	1.09	A	7.71	15.0	0.84	0.019
7	6.1	1.09	A	7.60	14.5	0.84	0.019
8	6.0	1.07	A	7.58	14.0	0.88	0.019
9	6.1	1.09	A	7.64	14.0	0.85	0.019
10	6.0	1.07	A	7.63	14.0	0.84	0.019
11	6.0	1.07	A	7.53	15.0	0.83	0.019
12	5.9	0.91	A	7.64	16.0	0.82	0.018
13	5.9	0.91	A	7.61	17.5	0.79	0.019
14	5.1	0.90	A	7.97	17.5	0.84	0.019
15	5.1	0.90	A	7.65	16.5	0.82	0.018
16	5.0	0.89	A	7.71	17.0	0.77	0.020
17	5.3	0.93	A	7.59	16.5	0.76	0.021
18	5.0	0.89	A	7.62	17.0	0.82	0.021
19	6.1	1.00	A	7.53	16.8	0.69	0.021
20	5.9	0.98	A	7.65	16.5	0.70	0.021
21	5.8	0.95	A	7.63	16.0	0.75	0.020
22	5.9	0.97	A	7.79	15.8	0.82	0.021
23	5.8	0.94	A	7.82	15.5	0.80	0.020
24	5.9	0.96	A	7.78	15.8	0.78	0.020
25	5.8	0.95	A	7.89	16.0	0.80	0.021
26	6.0	0.99	A	7.81	16.0	0.80	0.019
27	5.9	0.97	A	7.82	16.0	0.82	0.020
28	5.9	0.96	A	7.67	15.5	0.82	0.021
29	5.7	0.94	A	7.51	16.0	0.81	0.021
30	5.8	0.96	A	7.50	16.0	0.80	0.021
31							
Average:	5.8	0.99		7.66	15.8	0.81	0.020
Maximum:	6.1	1.09		7.97	17.5	0.88	0.021

JULY 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.8	0.95	A	7.55	16.0	0.80	0.022
2	6.0	0.98	A	7.63	16.2	0.78	0.021
3	5.7	0.94	A	7.59	16.5	0.80	0.020
4	5.8	0.96	A	7.57	16.5	0.80	0.020
5	5.8	0.95	A	7.55	16.5	0.82	0.020
6	5.9	0.96	A	7.58	16.5	0.83	0.019
7	5.8	0.95	A	7.55	16.5	0.84	0.019
8	5.8	0.95	A	7.61	16.5	0.84	0.020
9	6.0	0.98	A	7.52	16.5	0.82	0.019
10	5.8	0.95	A	7.60	17.0	0.83	0.019
11	5.9	0.96	A	7.58	17.0	0.81	0.020
12	6.0	1.00	A	7.55	17.0	0.78	0.019
13	5.9	0.97	A	7.52	17.0	0.79	0.019
14	6.0	0.98	A	7.50	17.5	0.77	0.019
15	5.9	0.97	A	7.60	18.0	0.77	0.019
16	6.2	1.15	A	7.55	18.0	0.78	0.020
17	6.2	1.16	A	7.63	18.0	0.83	0.019
18	6.1	1.15	A	7.70	18.0	0.85	0.020
19	6.0	1.13	A	7.77	18.0	0.88	0.020
20	6.1	1.14	A	7.84	17.5	0.93	0.019
21	6.1	1.14	A	7.74	17.5	0.91	0.020
22	6.1	1.14	A	7.77	17.5	0.90	0.020
23	6.1	1.13	A	7.76	18.0	0.82	0.019
24	6.1	1.14	A	7.74	17.5	0.83	0.019
25	6.1	1.14	A	7.79	18.0	0.85	0.019
26	6.1	1.15	A	7.70	18.0	0.85	0.020
27	6.1	1.14	A	7.55	18.0	0.88	0.020
28	6.1	1.14	A	7.62	18.0	0.88	0.019
29	6.0	1.12	A	7.75	18.0	0.92	0.019
30	6.2	1.16	A	7.76	18.0	0.83	0.020
31	6.2	1.16	A	7.69	18.0	0.85	0.020
Average:	6.0	1.06		7.64	17.3	0.83	0.020
Maximum:	6.2	1.16		7.84	18.0	0.93	0.022

AUGUST 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.1	1.15	A	7.68	17.5	0.84	0.020
2	6.1	1.13	A	7.59	18.5	0.87	0.021
3	6.1	1.15	A	7.61	19.0	0.86	0.021
4	6.2	1.15	A	7.57	19.0	0.83	0.021
5	6.2	1.15	A	7.66	19.2	0.83	0.021
6	5.9	1.11	A	7.76	19.5	0.83	0.021
7	6.1	1.14	A	7.62	20.0	0.82	0.021
8	6.1	1.14	A	7.79	18.5	0.88	0.020
9	6.1	1.14	A	7.71	18.0	0.88	0.020
10	6.2	1.16	A	7.69	18.0	0.84	0.021
11	6.1	1.14	A	7.70	18.0	0.84	0.020
12	6.1	1.14	A	7.83	18.5	0.82	0.021
13	6.2	1.16	A	7.87	19.0	0.84	0.033
14	6.2	1.16	A	7.48	18.0	0.77	0.030
15	6.1	1.13	A	7.85	19.0	0.81	0.025
16	6.2	1.16	A	7.65	19.5	0.84	0.027
17	6.2	1.16	A	7.71	19.0	0.81	0.038
18	6.2	1.16	A	7.68	19.0	0.84	0.031
19	6.1	1.15	A	7.66	17.5	0.84	0.031
20	6.1	1.14	A	7.60	17.8	0.83	0.028
21	6.1	1.14	A	7.53	18.0	0.8	0.035
22	6.3	1.18	A	7.35	17.5	0.8	0.022
23	6.2	1.16	A	7.39	17.5	0.79	0.033
24	6.0	1.12	A	7.40	17.0	0.79	0.027
25	6.1	1.14	A	7.55	17.0	0.78	0.022
26	6.3	1.17	A	7.71	17.5	0.78	0.024
27	6.3	1.17	A	7.88	17.2	0.79	0.026
28	6.4	1.19	A	7.85	17.5	0.74	0.034
29	6.2	1.15	A	7.81	18.0	0.66	0.021
30	6.2	1.15	A	7.81	18.5	0.69	0.027
31	6.4	1.19	A	7.82	18.5	0.71	0.024
Average:	6.2	1.15		7.67	18.3	0.81	0.025
Maximum:	6.4	1.19		7.88	20.0	0.88	0.038

SEPTEMBER 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.4	1.19	A	7.72	18.5	0.78	0.025
2	6.3	1.18	A	7.78	18.0	0.73	0.022
3	6.3	1.18	A	7.83	18.2	0.79	0.025
4	6.1	1.14	A	8.07	18.0	0.80	0.025
5	5.7	1.15	A	8.00	18.0	0.77	0.021
6	5.7	1.16	A	7.64	18.0	0.78	0.022
7	5.6	1.13	A	7.54	18.0	0.74	0.021
8	5.6	1.14	A	7.46	18.0	0.82	0.021
9	5.5	1.11	A	7.55	18.0	0.82	0.024
10	6.4	1.24	A	7.38	17.5	0.78	0.044
11	6.7	1.46	A	7.27	17.0	0.79	0.029
12	5.7	1.14	A	7.23	16.5	0.90	0.022
13	5.7	0.95	A	7.52	16.5	0.97	0.020
14	6.3	0.95	A	7.39	16.5	0.84	0.018
15	6.3	0.96	A	7.61	16.5	0.85	0.017
16	6.4	0.98	A	7.90	16.5	0.90	0.017
17	6.3	1.13	A	7.80	16.0	0.73	0.018
18	6.3	1.13	A	7.62	16.0	0.91	0.017
19	6.4	1.14	A	7.68	15.5	0.91	0.016
20	6.6	1.19	A	7.58	15.5	1.00	0.019
21	6.7	1.21	A	7.52	15.5	0.93	0.016
22	6.3	1.13	A	7.65	15.5	1.00	0.017
23	6.2	0.94	A	7.52	15.2	1.00	0.017
24	6.3	0.95	A	7.80	15.5	0.98	0.016
25	7.0	1.12	A	7.40	15.5	0.87	0.017
26	6.9	1.10	A	7.80	15.2	0.92	0.017
27	7.2	1.15	A	7.77	14.5	0.94	0.017
28	7.0	1.12	A	7.73	14.5	0.94	0.017
29	6.8	1.08	A	7.69	14.5	0.99	0.017
30	7.2	1.01	A	7.76	13.0	0.95	0.017
31							
Average:	6.3	1.12		7.64	16.4	0.87	0.020
Maximum:	7.2	1.46		8.07	18.5	1.00	0.044

OCTOBER 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.9	0.97	A	7.81	12.0	0.90	0.019
2	6.9	0.96	A	7.80	12.0	0.89	0.017
3	6.9	0.97	A	7.77	11.5	0.99	0.018
4	7.2	1.02	A	7.70	12.0	0.96	0.016
5	7.0	0.99	A	7.74	11.5	0.92	0.017
6	7.0	0.98	A	7.72	11.5	0.94	0.018
7	6.9	0.97	A	7.60	12.0	0.94	0.016
8	6.8	0.95	A	7.76	12.0	0.93	0.015
9	6.7	0.94	A	7.87	12.0	0.89	0.018
10	6.9	0.97	A	7.66	11.0	0.88	0.017
11	6.8	0.95	A	7.52	10.5	0.88	0.017
12	6.7	0.94	A	7.55	10.0	0.90	0.017
13	6.8	0.95	A	7.43	10.0	0.91	0.017
14	6.9	0.97	A	7.76	10.0	0.89	0.018
15	6.7	0.94	A	7.60	10.5	0.88	0.017
16	6.7	0.94	A	7.61	11.0	0.90	0.015
17	6.7	0.94	A	7.54	11.0	0.89	0.016
18	6.7	0.94	A	7.54	11.0	0.81	0.018
19	6.7	0.94	A	7.49	11.0	0.77	0.019
20	7.0	0.98	A	7.51	11.0	0.73	0.020
21	6.6	0.93	A	7.66	11.0	0.82	0.021
22	6.8	0.95	A	7.63	12.2	0.76	0.026
23	6.7	0.94	A	7.51	11.5	0.75	0.028
24	7.1	0.99	A	7.60	11.5	0.77	0.024
25	6.8	0.95	A	7.59	11.5	0.84	0.024
26	6.7	0.93	A	7.56	11.0	0.84	0.024
27	6.9	0.93	A	7.53	11.0	0.83	0.024
28	6.8	0.96	A	7.55	10.0	0.85	0.021
29	6.8	1.24	A	7.25	9.5	0.82	0.028
30	5.9	1.00	A	7.91	8.0	0.85	0.024
31	5.7	0.95	A	7.40	7.0	0.88	0.022
Average:	6.8	0.97		7.62	10.9	0.86	0.020
Maximum:	7.2	1.24		7.91	12.2	0.99	0.028

NOVEMBER 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	5.7	0.96	A	7.33	7.0	0.93	0.019
2	5.5	0.93	A	7.29	7.0	0.95	0.017
3	5.6	0.94	A	7.44	7.0	0.94	0.019
4	7.2	1.01	A	7.40	7.2	0.96	0.017
5	7.1	1.00	A	7.68	7.5	0.93	0.017
6	6.0	0.94	A	7.98	7.8	0.90	0.015
7	6.4	1.00	A	7.96	7.5	0.87	0.017
8	6.4	0.97	A	7.72	7.5	0.85	0.016
9	6.1	0.96	A	7.61	8.0	0.83	0.017
10	6.1	0.95	A	7.53	8.0	0.83	0.018
11	7.0	0.98	A	7.31	8.5	0.84	0.017
12	6.6	1.01	A	7.64	9.0	0.81	0.017
13	6.5	0.98	A	7.93	9.5	0.82	0.017
14	6.2	0.93	A	7.90	9.5	0.84	0.017
15	6.2	0.94	A	7.59	10.0	0.84	0.017
16	6.2	0.94	A	7.50	10.0	0.84	0.017
17	6.5	0.98	A	7.66	10.0	0.80	0.021
18	6.5	0.98	A	7.72	10.0	0.81	0.020
19	6.4	0.97	A	7.81	10.0	0.79	0.018
20	6.2	0.94	A	7.79	10.0	0.79	0.019
21	6.3	0.96	A	7.80	10.0	0.79	0.021
22	6.4	0.97	A	7.55	9.0	0.82	0.018
23	6.2	0.94	A	7.58	9.0	0.84	0.016
24	6.2	0.94	A	7.27	9.0	0.86	0.016
25	6.6	0.92	A	7.44	8.0	0.86	0.016
26	6.5	0.91	A	7.59	8.0	0.86	0.017
27	6.6	0.94	A	7.65	8.0	0.84	0.016
28	6.7	0.95	A	7.61	8.0	0.85	0.017
29	6.8	0.95	A	7.55	7.5	0.85	0.016
30	6.7	0.94	A	7.60	7.0	0.86	0.017
31							
Average:	6.4	0.96		7.61	8.5	0.85	0.017
Maximum:	7.2	1.01		7.98	10.0	0.96	0.021

DECEMBER 2019 SILVERTON FINISHED WATER DATA

Date	NaOH (mg/L)	Cl2 Dose (mg/L)	Source	pH	Temp C	Cl2 Res (mg/L)	turbidity NTU
1	6.6	0.93	A	7.48	7.0	0.88	0.017
2	6.5	0.91	A	7.48	6.5	0.86	0.017
3	6.6	0.93	A	7.64	6.2	0.86	0.017
4	6.7	0.94	A	7.76	6.2	0.88	0.016
5	6.6	0.93	A	7.94	6.0	0.88	0.017
6	6.7	0.94	A	7.99	6.5	0.87	0.019
7	6.4	0.90	A	7.98	6.5	0.87	0.019
8	5.7	0.90	A	8.22	7.0	0.88	0.019
9	5.9	0.93	A	7.57	7.2	0.89	0.020
10	6.0	0.94	A	7.63	7.5	0.85	0.019
11	6.1	0.95	A	7.66	7.5	0.83	0.018
12	6.2	0.97	A/SC	7.65	8.0	0.83	0.016
13	6.0	0.95	SC	7.69	8.0	0.83	0.019
14	6.0	0.94	SC	7.59	8.0	0.87	0.022
15	6.0	0.94	SC	7.46	8.0	0.85	0.022
16	6.0	0.95	SC	8.02	8.0	0.93	0.022
17	6.0	0.94	SC	7.77	7.5	0.87	0.022
18	6.1	0.95	SC	7.55	7.0	0.88	0.023
19	6.1	0.96	SC	7.66	8.0	0.84	0.022
20	6.5	1.02	SC	7.81	7.5	0.86	0.023
21	6.5	1.01	SC	7.64	7.5	0.9	0.023
22	6.2	0.97	SC	7.53	7.5	0.93	0.028
23	6.0	0.94	SC/A	7.51	8.5	0.93	0.036
24	5.8	0.77	A	7.55	8.0	0.99	0.042
25	5.9	0.78	A	7.52	8.0	0.92	0.044
26	5.8	0.78	A	7.40	8.0	0.86	0.035
27	5.9	0.79	A	7.44	8.2	0.79	0.029
28	5.9	0.79	A	7.48	8.0	0.79	0.033
29	5.9	0.79	A	7.39	7.5	0.75	0.029
30	6.8	0.95	A	7.33	8.0	0.75	0.026
31	6.3	0.89	A	7.46	8.2	0.82	0.023
Average:	6.2	0.91		7.64	7.5	0.86	0.024
Maximum:	6.8	1.02		8.22	8.5	0.99	0.044

APPENDIX A7

2017 Silverton Water Consumption Data

Jan-2017				
Rate Description	Number of Customers	Number of Units	Total Amount	Usage
Water 5/8 Residential	974	975	\$ 25,451.08	535,867
Water 3/4 Residential	1,861	1,862	\$ 50,025.16	1,070,427
Water 1 Residential	94	94	\$ 2,751.04	64,215
Water 1 Required-Sprinkler Res	48	48	\$ 1,136.42	20,640
Water 1-1/2 Residential	1	1	\$ 130.33	3,650
Water 3/4 Outside Comm	2	2	\$ 244.05	5,832
Water 5/8 Outside Residential	91	91	\$ 4,913.84	87,960
Water 3/4 Outside Residential	16	16	\$ 709.27	11,276
Water 1 Outside Residential	3	3	\$ 145.66	2,414
Water 3 Comm	8	15	\$ 19,131.30	768,666
Water 5/8 Comm	76	76	\$ 2,046.68	43,910
Water 3/4 Comm	80	81	\$ 2,264.91	53,670
Water 1 Comm	53	53	\$ 2,240.43	48,010
Water 1-1/2 Comm	34	34	\$ 4,159.82	112,402
Water 2 Comm	19	20	\$ 4,055.39	114,983
No service	1	5	\$ -	28,585
Water 3/4 Sub Garden Comm	5	5	\$ 68.50	790
Water 5/8 Multi Family	21	21	\$ 756.68	20,215
Water 3/4 Multi Family	23	23	\$ 1,045.46	31,482
Water 1 Multi Family	18	18	\$ 1,511.33	47,430
Water 1-1/2 Multi Family	11	11	\$ 2,463.01	84,520
Water 2 Multi Family	10	10	\$ 4,076.42	144,225
Water 3 Multi Family	3	5	\$ 1,813.96	59,297
Water 4 Multi Family	1	2	\$ 1,122.90	38,562
Water 1 Multi Fam Garden	1	1	\$ 22.83	0
Water 2 Multi Fam Garden	1	1	\$ 73.27	10
HYDRANT METER	1	1	\$ 27.40	0
FLOW MTR-QUEST	1	1	\$ -	39,012
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	11,214
Total Connections:	3,468		Total Usage:	3,449,264
Residential Indoor Customers:	2,978		Inside Residential Total:	1,694,799
Commercial Indoor Customers:	270		Inside Commercial Total:	1,141,641
Multi-Family Customers:	87		Inside Multi-Family Total:	425,731
Total Irrigation Meters:	119		Outside Total:	108,282
Other Meters:	14		Other Total:	78,811
	3,468			3,449,264
			Bruce Pac Total:	606,400
			Total without Bruce Pac:	2,842,864
				0.175805621

2017 Silverton Water Consumption Data

Feb-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	971	972	\$ 22,577.19	411,644
Water 3/4 Residential	1,865	1,865	\$ 43,965.27	820,544
Water 1 Residential	92	92	\$ 2,453.58	51,430
Water 1 Required-Sprinkler Res	49	49	\$ 1,087.15	18,347
Water 1-1/2 Residential	1	1	\$ 108.75	2,720
Water 3/4 Outside Comm	2	2	\$ 194.46	4,407
Water 5/8 Outside Residential	91	92	\$ 2,865.74	47,747
Water 3/4 Outside Residential	17	18	\$ 449.25	6,937
Water 1 Outside Residential	3	3	\$ 117.12	1,594
Water 3 Comm	8	15	\$ 15,125.04	596,380
Water 5/8 Comm	75	75	\$ 1,960.94	40,234
Water 3/4 Comm	80	80	\$ 2,171.51	46,358
Water 1 Comm	52	53	\$ 2,012.81	37,737
Water 1-1/2 Comm	34	34	\$ 3,532.07	85,344
Water 2 Comm	19	20	\$ 3,641.12	97,127
No service	1	5	\$ -	24,175
Water 3/4 Sub Garden Comm	5	5	\$ 68.50	34
Water 5/8 Multi Family	21	21	\$ 623.64	14,480
Water 3/4 Multi Family	24	24	\$ 868.21	23,820
Water 1 Multi Family	18	18	\$ 1,193.36	33,725
Water 1-1/2 Multi Family	11	11	\$ 2,063.50	67,300
Water 2 Multi Family	10	10	\$ 3,104.48	102,331
Water 3 Multi Family	3	5	\$ 1,469.79	44,462
Water 4 Multi Family	1	2	\$ 1,166.47	40,440
Water 1 Multi Fam Garden	1	1	\$ 22.83	0
Water 2 Multi Fam Garden	1	1	\$ 73.04	0
HYDRANT METER	1	1	\$ 27.45	1
FLOW MTR-QUEST	1	1	\$ -	48,372
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	14,255
Total Connections:	3,468		Total Usage:	2,681,945
Residential Indoor Customers:	2,978		Inside Residential Total:	1,304,685
Commercial Indoor Customers:	268		Inside Commercial Total:	903,180
Multi-Family Customers:	88		Inside Multi-Family Total:	326,558
Total Irrigation Meters:	120		Outside Total:	60,719
Other Meters:	14		Other Total:	86,803
	3,468			2,681,945
			Bruce Pac Total:	433,300
			Total without Bruce Pac:	2,248,645
				0.161561852

2017 Silverton Water Consumption Data

Mar-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	970	970	\$ 25,031.91	510,561
Water 3/4 Residential	1,877	1,878	\$ 48,709.02	1,016,183
Water 1 Residential	94	94	\$ 2,795.07	65,809
Water 1 Required-Sprinkler Res	50	50	\$ 1,163.45	21,233
Water 1-1/2 Residential	1	1	\$ 173.48	5,510
Water 3/4 Outside Comm	2	2	\$ 255.57	6,163
Water 5/8 Outside Residential	88	89	\$ 3,318.25	54,262
Water 3/4 Outside Residential	16	16	\$ 645.97	9,114
Water 1 Outside Residential	3	3	\$ 130.45	1,977
Water 3 Comm	8	15	\$ 20,565.29	831,958
Water 5/8 Comm	75	75	\$ 2,338.66	56,516
Water 3/4 Comm	80	80	\$ 2,199.47	47,563
Water 1 Comm	52	52	\$ 2,195.41	43,460
Water 1-1/2 Comm	34	34	\$ 3,828.71	98,130
Water 2 Comm	19	20	\$ 4,021.73	113,533
No service	1	5	\$ -	30,530
Water 3/4 Sub Garden Comm	5	5	\$ 68.50	60
Water 5/8 Multi Family	21	21	\$ 742.34	19,597
Water 3/4 Multi Family	23	23	\$ 1,034.85	31,024
Water 1 Multi Family	18	18	\$ 1,413.42	43,210
Water 1-1/2 Multi Family	11	11	\$ 2,642.12	92,240
Water 2 Multi Family	10	10	\$ 3,707.66	128,330
Water 3 Multi Family	3	5	\$ 1,741.49	56,173
Water 4 Multi Family	1	2	\$ 1,379.70	49,631
Water 1 Multi Fam Garden	1	1	\$ 22.83	0
Water 2 Multi Fam Garden	1	1	\$ 73.04	0
HYDRANT METER	2	3	\$ 28.33	27
FLOW MTR-QUEST	1	1	\$ -	59,629
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	12,023
Total Connections:	3,478		Total Usage:	3,404,446
Residential Indoor Customers:	2,992		Inside Residential Total:	1,619,296
Commercial Indoor Customers:	268		Inside Commercial Total:	1,191,160
Multi-Family Customers:	87		Inside Multi-Family Total:	420,205
Total Irrigation Meters:	116		Outside Total:	71,576
Other Meters:	15		Other Total:	102,209
	3,478			3,404,446
			Bruce Pac Total:	632,425
			Total without Bruce Pac:	2,772,021
				0.185764439

2017 Silverton Water Consumption Data

Apr-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	976	977	\$ 23,600.09	460,690
Water 3/4 Residential	1,881	1,881	\$ 46,458.53	903,973
Water 1 Residential	94	94	\$ 2,561.81	55,368
Water 1 Required-Sprinkler Res	50	50	\$ 1,105.65	18,742
Water 1-1/2 Residential	1	1	\$ 139.61	4,050
Water 3/4 Outside Comm	2	2	\$ 220.46	5,154
Water 5/8 Outside Residential	89	89	\$ 3,408.52	45,979
Water 3/4 Outside Residential	16	16	\$ 621.15	8,400
Water 1 Outside Residential	3	3	\$ 109.71	1,381
Water 3 Comm	8	15	\$ 16,741.71	665,450
Water 5/8 Comm	76	77	\$ 1,737.24	40,359
Water 3/4 Comm	81	82	\$ 2,089.50	45,469
Water 1 Comm	52	52	\$ 1,999.14	35,195
Water 1-1/2 Comm	35	35	\$ 3,730.22	91,916
Water 2 Comm	19	20	\$ 3,542.73	92,887
No service	1	5	\$ -	26,900
Water 3/4 Sub Garden Comm	5	5	\$ 68.50	172
Water 5/8 Multi Family	21	21	\$ 676.60	16,821
Water 3/4 Multi Family	23	23	\$ 936.61	26,789
Water 1 Multi Family	18	18	\$ 1,267.30	36,912
Water 1-1/2 Multi Family	11	11	\$ 2,416.38	82,510
Water 2 Multi Family	10	10	\$ 3,582.44	122,933
Water 3 Multi Family	3	5	\$ 1,666.80	52,954
Water 4 Multi Family	1	2	\$ 1,264.21	44,653
Water 1 Multi Fam Garden	2	2	\$ 38.81	0
Water 2 Multi Fam Garden	1	1	\$ 73.04	0
HYDRANT METER	2	3	\$ 28.14	16
FLOW MTR-QUEST	1	1	\$ -	60,322
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	10,573
Total Connections:	3,493		Total Usage:	2,956,568
Residential Indoor Customers:	3,002		Inside Residential Total:	1,442,823
Commercial Indoor Customers:	271		Inside Commercial Total:	971,276
Multi-Family Customers:	87		Inside Multi-Family Total:	383,572
Total Irrigation Meters:	118		Outside Total:	61,086
Other Meters:	15		Other Total:	97,811
	3,493			2,956,568
			Bruce Pac Total:	488,000
			Total without Bruce Pac:	2,468,568

2017 Silverton Water Consumption Data

May-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	975	975	\$ 25,108.63	511,284
Water 3/4 Residential	1,894	1,894	\$ 49,917.90	1,050,664
Water 1 Residential	98	98	\$ 2,719.12	61,617
Water 1 Required-Sprinkler Res	48	48	\$ 1,126.63	20,216
Water 1-1/2 Residential	1	1	\$ 145.18	4,290
Water 3/4 Outside Comm	2	2	\$ 314.67	7,861
Water 5/8 Outside Residential	88	88	\$ 3,587.05	51,377
Water 3/4 Outside Residential	16	16	\$ 641.82	9,414
Water 1 Outside Residential	3	3	\$ 127.66	1,897
Water 3 Comm	8	15	\$ 20,306.76	819,871
Water 5/8 Comm	77	77	\$ 2,249.48	51,510
Water 3/4 Comm	82	82	\$ 2,454.89	58,307
Water 1 Comm	53	53	\$ 2,235.01	44,181
Water 1-1/2 Comm	36	36	\$ 3,876.68	98,229
Water 2 Comm	20	21	\$ 3,733.60	101,012
No service	1	5	\$ -	28,135
Water 3/4 Sub Garden Comm	6	6	\$ 78.22	918
Water 5/8 Multi Family	21	21	\$ 778.50	21,155
Water 3/4 Multi Family	23	23	\$ 954.86	27,575
Water 1 Multi Family	18	18	\$ 1,320.59	39,209
Water 1-1/2 Multi Family	11	11	\$ 2,768.55	97,690
Water 2 Multi Family	10	10	\$ 3,476.85	118,382
Water 3 Multi Family	5	9	\$ 2,246.09	61,673
Water 4 Multi Family	1	2	\$ 1,241.15	43,659
Water 1 Multi Fam Garden	2	2	\$ 58.16	539
Water 1-1/2 Multi Fam Garden	2	2	\$ 17.68	0
Water 2 Multi Fam Garden	1	1	\$ 73.04	0
HYDRANT METER	2	3	\$ 28.47	23
FLOW MTR-QUEST	1	1	\$ -	61,222
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	5,041
Total Connections:	3,516		Total Usage:	3,396,951
Residential Indoor Customers:	3,016		Inside Residential Total:	1,648,071
Commercial Indoor Customers:	276		Inside Commercial Total:	1,173,110
Multi-Family Customers:	70		Inside Multi-Family Total:	388,727
Total Irrigation Meters:	139		Outside Total:	92,622
Other Meters:	15		Other Total:	94,421
	3,516			3,396,951
			Bruce Pac Total:	606,400
			Total without Bruce Pac:	2,790,551

2017 Silverton Water Consumption Data

Jun-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	982	983	\$ 30,438.72	746,897
Water 3/4 Residential	1,908	1,909	\$ 71,446.68	1,999,777
Water 1 Residential	98	98	\$ 4,259.68	128,394
Water 1 Required-Sprinkler Res	49	49	\$ 1,692.83	44,601
Water 1-1/2 Residential	1	1	\$ 200.86	6,690
Water 3/4 Outside Comm	2	2	\$ 268.41	6,532
Water 5/8 Outside Residential	87	87	\$ 4,465.42	76,942
Water 3/4 Outside Residential	16	16	\$ 971.44	18,545
Water 1 Outside Residential	3	3	\$ 146.49	2,438
Water 3 Comm	8	15	\$ 20,793.12	841,303
Water 5/8 Comm	79	79	\$ 2,339.40	54,774
Water 3/4 Comm	85	85	\$ 3,109.62	85,553
Water 1 Comm	54	54	\$ 2,836.58	69,947
Water 1-1/2 Comm	35	35	\$ 5,123.03	151,952
Water 2 Comm	19	20	\$ 4,460.74	132,455
No service	1	5	\$ -	29,865
Water 5/8 Sub Garden Comm	1	1	\$ 5.48	0
Water 3/4 Sub Garden Comm	6	6	\$ 82.20	6,021
Water 5/8 Multi Family	20	20	\$ 807.43	22,993
Water 3/4 Multi Family	23	23	\$ 967.77	28,132
Water 1 Multi Family	18	18	\$ 1,421.65	43,566
Water 1-1/2 Multi Family	11	11	\$ 3,177.58	115,320
Water 2 Multi Family	10	10	\$ 4,768.17	174,042
Water 3 Multi Family	5	9	\$ 2,779.17	75,713
Water 4 Multi Family	1	2	\$ 1,770.55	66,478
Water 1 Multi Fam Garden	3	3	\$ 121.39	2,280
Water 1-1/2 Multi Fam Garden	2	2	\$ 475.72	16,570
Water 2 Multi Fam Garden	2	2	\$ 119.30	0
HYDRANT METER	3	4	\$ 37.50	60
FLOW MTR-QUEST	1	1	\$ -	78,458
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	27,820
Total Connections:	3,544		Total Usage:	5,054,118
Residential Indoor Customers:	3,038		Inside Residential Total:	2,926,359
Commercial Indoor Customers:	280		Inside Commercial Total:	1,335,984
Multi-Family Customers:	88		Inside Multi-Family Total:	526,244
Total Irrigation Meters:	122		Outside Total:	129,328
Other Meters:	16		Other Total:	136,203
			Bruce Pac Total:	593,975
			Total without Bruce Pac:	4,460,143

2017 Silverton Water Consumption Data

Jul-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	989	989	\$ 43,628.45	1,064,776
Water 3/4 Residential	1,909	1,909	\$ 108,365.97	2,952,735
Water 1 Residential	95	95	\$ 6,352.73	182,427
Water 1 Required-Sprinkler Res	49	49	\$ 2,258.72	56,244
Water 1-1/2 Residential	1	1	\$ 212.17	5,980
Water 3/4 Outside Comm	2	2	\$ 305.00	6,427
Water 5/8 Outside Residential	87	87	\$ 6,118.16	101,119
Water 3/4 Outside Residential	16	16	\$ 1,400.38	25,490
Water 1 Outside Residential	3	3	\$ 424.24	8,811
Water 3 Comm	8	15	\$ 21,489.64	748,857
Water 5/8 Comm	78	78	\$ 3,049.76	68,257
Water 3/4 Comm	81	81	\$ 3,651.83	88,960
Water 1 Comm	54	54	\$ 3,703.39	85,613
Water 1-1/2 Comm	35	35	\$ 6,829.86	186,979
Water 2 Comm	19	20	\$ 5,261.33	137,278
No service	2	6	\$ -	28,186
Water 5/8 Sub Garden Comm	1	1	\$ 15.76	270
Water 3/4 Sub Garden Comm	6	6	\$ 94.56	12,476
Water 5/8 Multi Family	20	20	\$ 1,070.67	28,295
Water 3/4 Multi Family	23	23	\$ 1,360.95	37,148
Water 1 Multi Family	18	18	\$ 1,542.24	40,064
Water 1-1/2 Multi Family	11	11	\$ 3,366.62	104,460
Water 2 Multi Family	10	10	\$ 6,617.89	216,401
Water 3 Multi Family	5	9	\$ 3,678.90	93,742
Water 4 Multi Family	1	2	\$ 2,512.43	84,267
Water 1 Multi Fam Garden	5	5	\$ 729.81	22,418
Water 1-1/2 Multi Fam Garden	2	2	\$ 516.45	15,410
Water 2 Multi Fam Garden	2	2	\$ 600.46	16,197
HYDRANT METER	3	3	\$ 76.73	47
FLOW MTR-QUEST	1	1	\$ -	57,956
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	21,722
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	40,038

Total Connections:	3,547	Total Usage:	6,539,050
Residential Indoor Customers:	3,043	Inside Residential Total:	4,262,162
Commercial Indoor Customers:	275	Inside Commercial Total:	1,315,944
Multi-Family Customers:	88	Inside Multi-Family Total:	604,377
Total Irrigation Meters:	124	Outside Total:	208,618
Other Meters:	17	Other Total:	147,949
		Bruce Pac Total:	553,125
		Total without Bruce Pac:	5,985,925

2017 Silverton Water Consumption Data

Aug-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	984	984	\$ 53,079.19	1,418,988
Water 3/4 Residential	1,926	1,924	\$ 132,310.43	3,837,974
Water 1 Residential	99	99	\$ 8,201.16	251,621
Water 1 Required-Sprinkler Res	48	48	\$ 2,691.43	72,471
Water 1-1/2 Residential	1	1	\$ 304.01	9,420
Water 3/4 Outside Comm	2	2	\$ 418.81	9,265
Water 5/8 Outside Residential	88	88	\$ 7,788.23	143,084
Water 3/4 Outside Residential	16	16	\$ 1,612.43	30,778
Water 1 Outside Residential	3	3	\$ 363.69	7,301
Water 3 Comm	8	15	\$ 28,858.56	1,025,921
Water 5/8 Comm	78	78	\$ 3,429.07	82,388
Water 3/4 Comm	81	81	\$ 4,262.97	111,850
Water 1 Comm	54	54	\$ 4,805.94	126,908
Water 1-1/2 Comm	36	36	\$ 10,248.39	313,046
Water 2 Comm	19	20	\$ 6,786.61	194,405
No service	2	6	\$ -	36,575
Water 5/8 Sub Garden Comm	1	1	\$ 15.76	324
Water 3/4 Sub Garden Comm	6	6	\$ 94.56	15,226
Water 5/8 Multi Family	20	20	\$ 1,386.47	40,122
Water 3/4 Multi Family	24	24	\$ 1,679.36	49,836
Water 1 Multi Family	18	18	\$ 1,893.72	53,229
Water 1-1/2 Multi Family	11	11	\$ 4,590.52	150,300
Water 2 Multi Family	10	10	\$ 8,189.41	275,258
Water 3 Multi Family	5	9	\$ 5,637.52	167,098
Water 4 Multi Family	1	2	\$ 2,942.49	100,374
Water 1 Multi Fam Garden	5	5	\$ 855.43	27,123
Water 1-1/2 Multi Fam Garden	2	2	\$ 998.12	33,450
Water 2 Multi Fam Garden	2	2	\$ 2,684.50	94,251
HYDRANT METER	7	8	\$ 163.10	148
FLOW MTR-QUEST	1	1	\$ -	82,542
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	32,060
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	39,110
Total Connections:	3,569		Total Usage:	8,832,446
Residential Indoor Customers:	3,058		Inside Residential Total:	5,590,474
Commercial Indoor Customers:	276		Inside Commercial Total:	1,854,518
Multi-Family Customers:	89		Inside Multi-Family Total:	836,217
Total Irrigation Meters:	125		Outside Total:	360,802
Other Meters:	21		Other Total:	190,435
			Bruce Pac Total:	711,375
			Total without Bruce Pac:	8,121,071

2017 Silverton Water Consumption Data

Sep-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	982	982	\$ 40,851.65	955,169
Water 3/4 Residential	1,924	1,924	\$ 102,192.69	2,749,420
Water 1 Residential	95	95	\$ 6,759.70	197,667
Water 1 Required-Sprinkler Res	50	50	\$ 2,286.39	57,575
Water 1-1/2 Residential	1	1	\$ 305.62	9,480
Water 3/4 Outside Comm	2	2	\$ 298.31	6,260
Water 5/8 Outside Residential	89	89	\$ 6,172.19	102,140
Water 3/4 Outside Residential	16	16	\$ 1,422.41	26,373
Water 1 Outside Residential	3	3	\$ 407.60	8,396
Water 3 Comm	8	15	\$ 25,756.57	908,855
Water 5/8 Comm	78	78	\$ 2,858.74	61,383
Water 3/4 Comm	83	83	\$ 3,467.89	81,914
Water 1 Comm	55	55	\$ 6,428.92	187,103
Water 1-1/2 Comm	39	39	\$ 8,914.71	258,441
Water 2 Comm	19	20	\$ 5,011.88	127,936
No service	2	6	\$ -	23,283
Water 5/8 Sub Garden Comm	1	1	\$ 15.76	279
Water 3/4 Sub Garden Comm	6	6	\$ 94.56	12,054
Water 5/8 Multi Family	20	20	\$ 1,106.34	29,631
Water 3/4 Multi Family	23	23	\$ 1,281.91	34,632
Water 1 Multi Family	18	18	\$ 1,643.13	43,843
Water 1-1/2 Multi Family	11	11	\$ 3,396.22	105,570
Water 2 Multi Family	10	10	\$ 5,847.70	187,554
Water 3 Multi Family	7	11	\$ 4,190.67	118,781
Water 4 Multi Family	1	2	\$ 2,355.41	78,386
Water 1 Multi Fam Garden	5	5	\$ 809.46	25,401
Water 1-1/2 Multi Fam Garden	2	2	\$ 806.33	27,840
Water 2 Multi Fam Garden	3	3	\$ 1,522.91	50,641
HYDRANT METER	6	6	\$ 157.60	118
FLOW MTR-QUEST	1	1	\$ -	111,947
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	14,087
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	37,050

Total Connections:	3,571	Total Usage: 6,639,209	
Residential Indoor Customers:	3,052	Inside Residential Total: 3,969,311	
Commercial Indoor Customers:	282	Inside Commercial Total: 1,625,632	
Multi-Family Customers:	90	Inside Multi-Family Total: 598,397	
Total Irrigation Meters:	127	Outside Total: 259,384	
Other Meters:	20	Other Total: 186,485	
		Bruce Pac Total: 527,680	
		Total without Bruce Pac: 6,111,529	

2017 Silverton Water Consumption Data

Oct-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	984	984	\$ 29,981.36	548,145
Water 3/4 Residential	1,933	1,932	\$ 64,415.83	1,306,456
Water 1 Residential	95	95	\$ 3,785.43	85,911
Water 1 Required-Sprinkler Res	49	49	\$ 1,571.38	29,931
Water 1-1/2 Residential	1	1	\$ 249.28	7,370
Water 3/4 Outside Comm	2	2	\$ 257.68	5,247
Water 5/8 Outside Residential	91	91	\$ 4,559.95	60,733
Water 3/4 Outside Residential	15	15	\$ 819.20	11,586
Water 1 Outside Residential	3	3	\$ 161.54	2,260
Water 3 Comm	8	15	\$ 30,933.50	1,102,873
Water 5/8 Comm	77	77	\$ 2,570.36	51,065
Water 3/4 Comm	82	82	\$ 3,416.33	80,350
Water 1 Comm	55	55	\$ 3,504.67	79,629
Water 1-1/2 Comm	37	37	\$ 5,245.95	128,982
Water 2 Comm	19	20	\$ 4,776.96	119,137
No service	1	5	\$ -	24,855
Water 5/8 Sub Garden Comm	1	1	\$ 15.76	279
Water 3/4 Sub Garden Comm	6	6	\$ 85.41	8,495
Water 5/8 Multi Family	20	20	\$ 917.80	22,570
Water 3/4 Multi Family	22	22	\$ 927.20	21,740
Water 1 Multi Family	18	18	\$ 1,593.24	41,976
Water 1-1/2 Multi Family	11	11	\$ 3,099.06	94,440
Water 2 Multi Family	10	10	\$ 4,489.69	136,692
Water 3 Multi Family	5	7	\$ 2,582.65	65,268
Water 4 Multi Family	1	2	\$ 1,572.78	49,074
Water 1 Multi Fam Garden	5	5	\$ 316.40	8,076
Water 2 Multi Fam Garden	2	2	\$ 198.68	1,149
HYDRANT METER	3	3	\$ 95.36	15
FLOW MTR-QUEST	1	1	\$ -	111,689
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	6,046
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	37,792
Total Connections:	3,568		Total Usage:	4,249,831
Residential Indoor Customers:	3,062		Inside Residential Total:	1,977,813
Commercial Indoor Customers:	278		Inside Commercial Total:	1,562,036
Multi-Family Customers:	87		Inside Multi-Family Total:	431,760
Total Irrigation Meters:	125		Outside Total:	97,825
Other Meters:	16		Other Total:	180,397
	3,568			4,249,831
			Bruce Pac Total:	751,095
			Total without Bruce Pac:	3,498,736

2017 Silverton Water Consumption Data

Nov-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	981	981	\$ 26,806.11	434,163
Water 3/4 Residential	1,924	1,925	\$ 53,445.08	938,305
Water 1 Residential	95	95	\$ 3,264.78	66,790
Water 1 Required-Sprinkler Res	50	50	\$ 1,294.41	19,556
Water 1-1/2 Residential	1	1	\$ 144.35	3,440
Water 3/4 Outside Comm	2	2	\$ 237.12	4,734
Water 5/8 Outside Residential	91	91	\$ 3,935.89	45,074
Water 3/4 Outside Residential	15	15	\$ 719.72	9,400
Water 1 Outside Residential	3	3	\$ 149.07	1,949
Water 3 Comm	8	15	\$ 21,501.79	753,779
Water 5/8 Comm	78	78	\$ 2,363.49	43,365
Water 3/4 Comm	81	82	\$ 3,024.24	67,396
Water 1 Comm	52	52	\$ 3,303.04	72,585
Water 1-1/2 Comm	34	35	\$ 4,246.08	124,300
Water 2 Comm	19	20	\$ 4,215.50	98,108
No service	1	5	\$ -	17,650
Water 5/8 Sub Garden Comm	1	1	\$ 15.76	258
Water 3/4 Sub Garden Comm	5	5	\$ 78.80	7,390
Water 5/8 Multi Family	20	20	\$ 732.78	15,640
Water 3/4 Multi Family	22	22	\$ 853.67	18,987
Water 1 Multi Family	18	18	\$ 1,490.13	38,113
Water 1-1/2 Multi Family	11	11	\$ 2,452.93	70,240
Water 2 Multi Family	10	10	\$ 4,146.60	123,842
Water 3 Multi Family	5	7	\$ 2,125.64	48,151
Water 4 Multi Family	1	2	\$ 1,447.53	44,383
Water 1 Multi Fam Garden	3	3	\$ 65.64	230
Water 2 Multi Fam Garden	2	2	\$ 169.92	72
HYDRANT METER	3	3	\$ 72.68	23
FLOW MTR-QUEST	1	1	\$ -	67,262
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	2,141
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	12,960
Total Connections:	3,548		Total Usage:	3,150,286
Residential Indoor Customers:	3,051		Inside Residential Total:	1,462,254
Commercial Indoor Customers:	272		Inside Commercial Total:	1,159,533
Multi-Family Customers:	87		Inside Multi-Family Total:	359,356
Total Irrigation Meters:	122		Outside Total:	69,107
Other Meters:	16		Other Total:	100,036
	3,548			3,150,286
			Bruce Pac Total:	523,540
			Total without Bruce Pac:	2,626,746

2017 Silverton Water Consumption Data

Dec-2017				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	987	987	\$ 28,819.48	503,465
Water 3/4 Residential	1,927	1,927	\$ 57,882.00	1,059,203
Water 1 Residential	95	95	\$ 3,628.28	80,367
Water 1 Required-Sprinkler Res	49	49	\$ 1,328.93	20,849
Water 1-1/2 Residential	1	1	\$ 145.68	3,490
Water 3/4 Outside Comm	2	2	\$ 320.56	6,815
Water 5/8 Outside Residential	90	90	\$ 4,169.56	51,853
Water 3/4 Outside Residential	14	14	\$ 685.16	8,833
Water 1 Outside Residential	3	3	\$ 167.73	2,414
Water 3 Comm	8	15	\$ 25,905.37	915,070
Water 5/8 Comm	77	77	\$ 2,641.51	53,844
Water 3/4 Comm	78	78	\$ 3,314.77	78,108
Water 1 Comm	52	52	\$ 3,198.43	68,668
Water 1-1/2 Comm	34	35	\$ 2,927.68	91,211
Water 2 Comm	19	20	\$ 4,492.40	108,480
No service	1	5	\$ -	23,035
Water 5/8 Sub Garden Comm	1	1	\$ 15.76	299
Water 3/4 Sub Garden Comm	5	5	\$ 78.80	2,733
Water 5/8 Multi Family	20	20	\$ 993.83	25,417
Water 3/4 Multi Family	22	22	\$ 907.17	20,991
Water 1 Multi Family	18	18	\$ 1,669.61	44,836
Water 1-1/2 Multi Family	11	11	\$ 2,759.68	81,730
Water 2 Multi Family	10	10	\$ 4,511.81	137,521
Water 3 Multi Family	5	7	\$ 2,644.06	67,568
Water 4 Multi Family	1	2	\$ 1,568.96	48,931
Water 1 Multi Fam Garden	2	2	\$ 54.77	85
Water 2 Multi Fam Garden	2	2	\$ 169.10	41
HYDRANT METER	2	2	\$ 64.48	27
FLOW MTR-QUEST	1	1	\$ -	63,578
SCHOOL DIST FIELD-NO CHARGE	2	2	\$ -	0
CITY FACILITY-WTR NO CHARGE	9	10	\$ -	16,750
Total Connections:	3,548		Total Usage:	3,586,212
Residential Indoor Customers:	3,059		Inside Residential Total:	1,667,374
Commercial Indoor Customers:	268		Inside Commercial Total:	1,315,381
Multi-Family Customers:	87		Inside Multi-Family Total:	426,994
Total Irrigation Meters:	119		Outside Total:	73,073
Other Meters:	15		Other Total:	103,390
	3,548			3,586,212
			Bruce Pac Total:	693,890
			Total without Bruce Pac:	2,892,322

APPENDIX A8 2018 Silverton Water Consumption Data

Jan-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	978	978	\$30,079	554,156
Water 3/4 Residential	1,930	1,931	\$59,820	1,125,169
Water 1 Residential	94	94	\$3,425	73,099
Water 1 Required-Sprinkler Res	49	49	\$1,467	26,016
Water 1-1/2 Residential	1	1	\$166	4,240
Water 3/4 Outside Comm	2	2	\$272	5,593
Water 5/8 Outside Residential	90	90	\$4,444	57,769
Water 3/4 Outside Residential	15	15	\$727	9,498
Water 1 Outside Residential	3	3	\$160	2,224
Water 3 Comm	8	15	\$23,826	838,356
Water 5/8 Comm	77	77	\$2,444	46,661
Water 3/4 Comm	81	81	\$3,393	80,256
Water 1 Comm	52	52	\$2,785	54,126
Water 1-1/2 Comm	33	33	\$4,539	106,580
Water 2 Comm	19	20	\$4,809	120,337
No service	1	5	\$0	21,220
Water 5/8 Sub Garden Comm	1	1	\$16	321
Water 3/4 Sub Garden Comm	5	5	\$79	966
Water 5/8 Multi Family	21	21	\$971	23,978
Water 3/4 Multi Family	22	22	\$976	23,577
Water 1 Multi Family	18	18	\$1,750	47,836
Water 1-1/2 Multi Family	11	11	\$2,857	85,380
Water 2 Multi Family	10	10	\$4,651	142,738
Water 3 Multi Family	5	7	\$2,946	78,893
Water 4 Multi Family	1	2	\$1,698	53,756
Water 1 Multi Fam Garden	2	2	\$55	100
Water 2 Multi Fam Garden	2	2	\$169	39
HYDRANT METER	3	3	\$96	69
FLOW MTR-QUEST	1	1	\$0	76,671
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	16,452
Total Connections:	3,548		Total Usage:	3,676,076
Residential Indoor Customers:	3,052		Inside Residential Total:	1,782,680
Commercial Indoor Customers:	270		Inside Commercial Total:	1,246,316
Multi-Family Customers:	88		Inside Multi-Family Total:	456,158
Total Irrigation Meters:	120		Outside Total:	76,510
Other Meters:	18		Other Total:	114,412
			Bruce Pac Total:	614,160
			Total without Bruce Pac:	3,061,916

2018 Silverton Water Consumption Data

Feb-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	978	978	\$24,793	356,327
Water 3/4 Residential	1,926	1,926	\$50,307	753,062
Water 1 Residential	95	95	\$2,146	41,274
Water 1 Required-Sprinkler Res	49	49	\$1,181	15,300
Water 1-1/2 Residential	1	1	\$131	2,930
Water 3/4 Outside Comm	2	2	\$228	4,498
Water 5/8 Outside Residential	93	93	\$3,663	37,143
Water 3/4 Outside Residential	15	15	\$605	6,246
Water 1 Outside Residential	3	3	\$145	1,843
Water 3 Comm	8	15	\$18,740	646,840
Water 5/8 Comm	76	76	\$2,186	37,025
Water 3/4 Comm	80	80	\$2,851	59,565
Water 1 Comm	51	51	\$2,228	33,307
Water 1-1/2 Comm	33	33	\$3,839	78,888
Water 2 Comm	19	20	\$3,800	82,549
No service	1	5	\$0	16,336
Water 5/8 Sub Garden Comm	1	1	\$16	214
Water 3/4 Sub Garden Comm	5	5	\$79	161
Water 5/8 Multi Family	21	21	\$817	18,193
Water 3/4 Multi Family	22	22	\$756	15,608
Water 1 Multi Family	18	18	\$1,310	31,362
Water 1-1/2 Multi Family	11	11	\$2,146	58,760
Water 2 Multi Family	10	10	\$3,397	95,754
Water 3 Multi Family	5	7	\$2,350	56,536
Water 4 Multi Family	1	2	\$1,282	38,185
Water 1 Multi Fam Garden	2	2	\$54	70
Water 2 Multi Fam Garden	2	2	\$169	38
HYDRANT METER	3	3	\$99	78
FLOW MTR-QUEST	1	1	\$0	50,078
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	12,825
Total Connections:	3,545		Total Usage:	2,550,995
Residential Indoor Customers:	3,049		Inside Residential Total:	1,168,893
Commercial Indoor Customers:	267		Inside Commercial Total:	938,174
Multi-Family Customers:	88		Inside Multi-Family Total:	314,398
Total Irrigation Meters:	123		Outside Total:	50,213
Other Meters:	18		Other Total:	79,317
			Bruce Pac Total:	485,025
			Total without Bruce Pac:	2,065,970

2018 Silverton Water Consumption Data

Mar-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	981	982	\$29,133	520,191
Water 3/4 Residential	1,942	1,943	\$60,053	1,120,270
Water 1 Residential	94	94	\$3,085	60,084
Water 1 Required-Sprinkler Res	51	51	\$1,396	22,743
Water 1-1/2 Residential	1	1	\$164	4,180
Water 3/4 Outside Comm	2	2	\$312	6,598
Water 5/8 Outside Residential	93	93	\$4,461	57,608
Water 3/4 Outside Residential	15	15	\$761	10,132
Water 1 Outside Residential	3	3	\$164	2,326
Water 3 Comm	8	15	\$25,033	883,332
Water 5/8 Comm	77	77	\$2,520	49,553
Water 3/4 Comm	80	80	\$3,551	85,760
Water 1 Comm	51	51	\$2,582	46,560
Water 1-1/2 Comm	33	33	\$4,437	101,296
Water 2 Comm	19	20	\$4,883	123,116
No service	1	5	\$0	22,207
Water 5/8 Sub Garden Comm	1	1	\$16	322
Water 3/4 Sub Garden Comm	5	5	\$79	77
Water 5/8 Multi Family	21	21	\$887	20,840
Water 3/4 Multi Family	21	21	\$920	22,046
Water 1 Multi Family	18	18	\$1,753	47,954
Water 1-1/2 Multi Family	11	11	\$2,879	86,180
Water 2 Multi Family	10	10	\$4,460	135,566
Water 3 Multi Family	5	8	\$2,589	85,380
Water 4 Multi Family	1	2	\$1,728	54,900
Water 1 Multi Fam Garden	2	2	\$54	70
Water 2 Multi Fam Garden	2	2	\$169	56
HYDRANT METER	3	3	\$93	140
FLOW MTR-QUEST	1	1	\$0	64,546
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	18,693
Total Connections:	3,565		Total Usage:	3,652,726
Residential Indoor Customers:	3,069		Inside Residential Total:	1,727,468
Commercial Indoor Customers:	268		Inside Commercial Total:	1,289,617
Multi-Family Customers:	87		Inside Multi-Family Total:	452,866
Total Irrigation Meters:	123		Outside Total:	77,189
Other Meters:	18		Other Total:	105,586
			Bruce Pac Total:	663,130
			Total without Bruce Pac:	2,989,596

2018 Silverton Water Consumption Data

Apr-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	979	979	\$26,876	456,748
Water 3/4 Residential	1,950	1,950	\$55,130	937,516
Water 1 Residential	95	95	\$2,780	48,701
Water 1 Required-Sprinkler Res	50	50	\$1,232	18,285
Water 1-1/2 Residential	1	1	\$204	5,690
Water 3/4 Outside Comm	2	2	\$273	5,625
Water 5/8 Outside Residential	91	91	\$4,137	49,514
Water 3/4 Outside Residential	15	15	\$655	7,648
Water 1 Outside Residential	3	3	\$119	1,193
Water 3 Comm	8	15	\$21,179	738,641
Water 5/8 Comm	78	78	\$2,419	45,583
Water 3/4 Comm	81	81	\$3,182	72,357
Water 1 Comm	51	51	\$2,311	36,399
Water 1-1/2 Comm	33	33	\$4,026	85,907
Water 2 Comm	20	21	\$4,365	103,617
No service	1	5	\$0	19,688
Water 5/8 Sub Garden Comm	1	1	\$16	257
Water 3/4 Sub Garden Comm	6	6	\$82	289
Water 5/8 Multi Family	21	21	\$770	16,456
Water 3/4 Multi Family	21	21	\$938	22,738
Water 1 Multi Family	18	18	\$1,463	37,082
Water 1-1/2 Multi Family	11	11	\$2,710	79,865
Water 2 Multi Family	10	10	\$3,818	111,527
Water 3 Multi Family	5	7	\$2,904	77,310
Water 4 Multi Family	1	2	\$1,403	42,704
Water 1 Multi Fam Garden	4	4	\$74	275
Water 2 Multi Fam Garden	2	2	\$171	103
HYDRANT METER	2	2	\$67	67
FLOW MTR-QUEST	1	1	\$0	44,700
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	17,122
Total Connections:	3,574		Total Usage:	3,083,607
Residential Indoor Customers:	3,075		Inside Residential Total:	1,466,940
Commercial Indoor Customers:	271		Inside Commercial Total:	1,082,504
Multi-Family Customers:	87		Inside Multi-Family Total:	387,682
Total Irrigation Meters:	124		Outside Total:	64,904
Other Meters:	17		Other Total:	81,577
			Bruce Pac Total:	569,445
			Total without Bruce Pac:	2,514,162

2018 Silverton Water Consumption Data

May-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	987	988	\$29,813	548,922
Water 3/4 Residential	1,964	1,964	\$66,791	1,359,836
Water 1 Residential	97	98	\$3,450	75,453
Water 1 Required-Sprinkler Res	50	50	\$1,511	27,640
Water 1-1/2 Residential	1	1	\$170	4,410
Water 3/4 Outside Comm	2	2	\$273	5,620
Water 5/8 Outside Residential	91	91	\$4,588	60,764
Water 3/4 Outside Residential	15	15	\$789	10,843
Water 1 Outside Residential	4	4	\$230	3,957
Water 3 Comm	8	15	\$18,981	656,320
Water 5/8 Comm	78	78	\$2,589	51,178
Water 3/4 Comm	84	84	\$3,558	84,862
Water 1 Comm	52	52	\$2,689	50,354
Water 1-1/2 Comm	35	35	\$4,607	105,114
Water 2 Comm	19	20	\$4,570	111,391
Water 4 Comm	1	1	\$10,439	385,250
No service	1	5	\$0	16,947
Water 5/8 Sub Garden Comm	1	1	\$16	256
Water 3/4 Sub Garden Comm	6	6	\$95	2,120
Water 5/8 Multi Family	22	22	\$853	19,523
Water 3/4 Multi Family	21	21	\$892	21,012
Water 1 Multi Family	18	18	\$1,569	41,054
Water 1-1/2 Multi Family	11	11	\$3,222	99,055
Water 2 Multi Family	10	10	\$4,060	120,606
Water 3 Multi Family	5	7	\$2,880	76,416
Water 4 Multi Family	1	2	\$1,626	51,080
Water 1 Multi Fam Garden	5	5	\$136	804
Water 1-1/2 Multi Fam Garden	2	2	\$34	0
Water 2 Multi Fam Garden	2	2	\$170	60
HYDRANT METER	2	2	\$65	32
FLOW MTR-QUEST	1	1	\$0	21,907
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	21,850
Total Connections:	3,609		Total Usage:	4,034,636
Residential Indoor Customers:	3,099		Inside Residential Total:	2,016,261
Commercial Indoor Customers:	277		Inside Commercial Total:	1,444,469
Multi-Family Customers:	88		Inside Multi-Family Total:	428,746
Total Irrigation Meters:	128		Outside Total:	84,424
Other Meters:	17		Other Total:	60,736
				4,034,636
			Bruce Pac Total:	491,110
			Total without Bruce Pac:	3,543,526

2018 Silverton Water Consumption Data

Jun-2018				
Rate Description	Number of Customers	Number of Units	Total Amount	Usage
Water 5/8 Residential	984	984	\$39,307	902,148
Water 3/4 Residential	1,955	1,956	\$102,070	2,681,577
Water 1 Residential	98	98	\$6,300	179,471
Water 1 Required-Sprinkler Res	50	50	\$2,411	61,684
Water 1-1/2 Residential	1	1	\$186	4,990
Water 3/4 Outside Comm	2	2	\$354	7,649
Water 5/8 Outside Residential	92	92	\$5,968	95,587
Water 3/4 Outside Residential	16	16	\$1,132	19,559
Water 1 Outside Residential	3	3	\$310	5,959
Water 3 Comm	8	15	\$19,846	689,195
Water 5/8 Comm	78	78	\$2,723	56,519
Water 3/4 Comm	85	85	\$4,220	109,686
Water 1 Comm	52	52	\$3,800	91,193
Water 1-1/2 Comm	35	35	\$8,600	253,280
Water 2 Comm	18	19	\$5,023	131,485
Water 4 Comm	1	1	\$6,799	244,800
No service	2	6	\$0	19,426
Water 5/8 Sub Garden Comm	1	1	\$16	299
Water 3/4 Sub Garden Comm	6	6	\$95	5,938
Water 5/8 Multi Family	21	21	\$1,040	26,555
Water 3/4 Multi Family	22	22	\$1,107	28,481
Water 1 Multi Family	18	18	\$1,675	45,039
Water 1-1/2 Multi Family	11	11	\$3,602	113,283
Water 2 Multi Family	11	12	\$8,053	190,257
Water 3 Multi Family	5	7	\$4,664	143,208
Water 4 Multi Family	1	2	\$2,285	75,747
Water 1 Multi Fam Garden	5	5	\$493	13,563
Water 1-1/2 Multi Fam Garden	2	2	\$576	17,650
Water 2 Multi Fam Garden	2	2	\$2,197	75,990
HYDRANT METER	3	3	\$75	44
FLOW MTR-QUEST	1	1	\$0	27,497
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	94,544
CITY FACILITY-WTR NO CHARGE	11	12	\$0	39,452
Total Connections:	3,602		Total Usage:	6,451,755
Residential Indoor Customers:	3,088		Inside Residential Total:	3,829,870
Commercial Indoor Customers:	277		Inside Commercial Total:	1,576,158
Multi-Family Customers:	89		Inside Multi-Family Total:	622,570
Total Irrigation Meters:	129		Outside Total:	242,194
Other Meters:	19		Other Total:	180,963
			Bruce Pac Total:	494,995
			Total without Bruce Pac:	5,956,760

2018 Silverton Water Consumption Data

Jul-2018				
Rate Description	Number of Customers	Number of Units	Total Amount	Usage
Water 5/8 Residential	988	987	\$43,735	1,068,531
Water 3/4 Residential	1,967	1,967	\$112,058	3,053,366
Water 1 Residential	98	99	\$6,901	206,133
Water 1 Required-Sprinkler Res	55	55	\$2,442	63,018
Water 1-1/2 Residential	1	1	\$259	7,730
Water 3/4 Outside Comm	2	2	\$385	8,416
Water 5/8 Outside Residential	92	92	\$6,946	119,590
Water 3/4 Outside Residential	15	15	\$1,236	21,989
Water 1 Outside Residential	3	3	\$358	7,156
Water 3 Comm	8	15	\$19,429	671,406
Water 5/8 Comm	79	79	\$3,124	70,977
Water 3/4 Comm	83	83	\$4,204	108,703
Water 1 Comm	52	52	\$3,797	91,098
Water 1-1/2 Comm	35	36	\$6,354	218,440
Water 2 Comm	18	19	\$4,682	118,736
Water 4 Comm	1	1	(\$3,881)	0
No service	2	6	\$0	24,437
Water 5/8 Sub Garden Comm	1	1	\$16	257
Water 3/4 Sub Garden Comm	6	6	\$95	10,413
Water 5/8 Multi Family	21	21	\$1,151	30,697
Water 3/4 Multi Family	22	22	\$1,304	35,865
Water 1 Multi Family	18	18	\$1,686	45,455
Water 1-1/2 Multi Family	11	11	\$3,680	116,190
Water 2 Multi Family	11	11	\$6,753	218,313
Water 3 Multi Family	5	7	\$5,704	182,188
Water 4 Multi Family	1	2	\$2,628	88,601
Water 1 Multi Fam Garden	5	5	\$645	19,238
Water 1-1/2 Multi Fam Garden	2	2	\$570	17,420
Water 2 Multi Fam Garden	2	2	\$1,972	67,575
HYDRANT METER	3	3	\$79	5
FLOW MTR-QUEST	1	1	\$0	31,431
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	249,866
CITY FACILITY-WTR NO CHARGE	11	12	\$0	46,655
Total Connections:	3,621		Total Usage:	7,019,895
Residential Indoor Customers:	3,109		Inside Residential Total:	4,398,778
Commercial Indoor Customers:	276		Inside Commercial Total:	1,279,360
Multi-Family Customers:	89		Inside Multi-Family Total:	717,309
Total Irrigation Meters:	128		Outside Total:	272,054
Other Meters:	19		Other Total:	352,394
			Bruce Pac Total:	499,505
			Total without Bruce Pac:	6,520,390

2018 Silverton Water Consumption Data

Aug-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	987	986	\$51,879	1,370,364
Water 3/4 Residential	1,970	1,971	\$135,815	3,945,234
Water 1 Residential	96	96	\$9,470	297,999
Water 1 Required-Sprinkler Res	50	50	\$2,923	81,121
Water 1-1/2 Residential	1	1	\$361	11,570
Water 3/4 Outside Comm	2	2	\$456	10,182
Water 5/8 Outside Residential	90	90	\$7,792	141,731
Water 3/4 Outside Residential	15	15	\$1,490	28,385
Water 1 Outside Residential	3	3	\$408	8,418
Water 3 Comm	8	15	\$25,926	915,076
Water 5/8 Comm	78	78	\$3,636	90,128
Water 3/4 Comm	83	83	\$5,396	153,124
Water 1 Comm	53	54	\$4,758	131,240
Water 1-1/2 Comm	35	35	\$12,025	381,544
Water 2 Comm	18	19	\$6,813	198,530
No service	2	6	\$0	28,045
Water 5/8 Sub Garden Comm	1	1	\$16	322
Water 3/4 Sub Garden Comm	6	6	\$95	10,492
Water 5/8 Multi Family	23	23	\$1,377	39,033
Water 3/4 Multi Family	22	22	\$1,621	47,732
Water 1 Multi Family	18	18	\$2,085	60,406
Water 1-1/2 Multi Family	11	11	\$4,424	144,060
Water 2 Multi Family	11	11	\$8,375	279,065
Water 3 Multi Family	5	7	\$6,744	221,110
Water 4 Multi Family	1	2	\$3,027	103,539
Water 1 Multi Fam Garden	5	5	\$776	24,151
Water 1-1/2 Multi Fam Garden	2	2	\$879	28,980
Water 2 Multi Fam Garden	2	2	\$2,382	82,911
HYDRANT METER	3	3	\$38	21
FLOW MTR-QUEST	1	1	\$0	76,041
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	329,035
CITY FACILITY-WTR NO CHARGE	11	12	\$0	72,636
Total Connections:	3,615		Total Usage:	9,312,225
Residential Indoor Customers:	3,104		Inside Residential Total:	5,706,288
Commercial Indoor Customers:	275		Inside Commercial Total:	1,869,642
Multi-Family Customers:	91		Inside Multi-Family Total:	894,945
Total Irrigation Meters:	126		Outside Total:	335,572
Other Meters:	19		Other Total:	505,778
				9,312,225
			Bruce Pac Total:	611,965
			Total without Bruce Pac:	8,700,260

2018 Silverton Water Consumption Data

Sep-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	977	978	\$38,789	887,904
Water 3/4 Residential	1,951	1,952	\$100,387	2,613,339
Water 1 Residential	96	96	\$6,136	173,148
Water 1 Required-Sprinkler Res	48	48	\$2,247	55,939
Water 1-1/2 Residential	1	1	\$345	10,950
Water 3/4 Outside Comm	2	2	\$370	8,055
Water 5/8 Outside Residential	90	90	\$5,532	85,468
Water 3/4 Outside Residential	15	15	\$1,096	18,489
Water 1 Outside Residential	3	3	\$303	5,776
Water 3 Comm	8	15	\$26,122	922,810
Water 5/8 Comm	79	79	\$3,013	67,226
Water 3/4 Comm	83	83	\$5,102	142,106
Water 1 Comm	53	53	\$5,011	136,099
Water 1-1/2 Comm	34	34	\$8,625	256,190
Water 2 Comm	18	19	\$5,104	134,520
No service	2	6	\$0	24,204
Water 5/8 Sub Garden Comm	1	1	\$16	301
Water 3/4 Sub Garden Comm	6	6	\$95	9,505
Water 5/8 Multi Family	21	21	\$1,021	25,857
Water 3/4 Multi Family	22	22	\$1,363	38,046
Water 1 Multi Family	18	18	\$1,846	51,439
Water 1-1/2 Multi Family	11	11	\$4,123	132,774
Water 2 Multi Family	11	11	\$6,723	217,202
Water 3 Multi Family	5	7	\$4,626	141,787
Water 4 Multi Family	1	2	\$2,394	79,841
Water 1 Multi Fam Garden	5	5	\$629	18,642
Water 1-1/2 Multi Fam Garden	2	2	\$825	26,980
Water 2 Multi Fam Garden	2	2	\$1,902	64,927
HYDRANT METER	2	2	\$46	19
FLOW MTR-QUEST	1	1	\$0	80,904
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	52,827
CITY FACILITY-WTR NO CHARGE	11	12	\$0	64,517
Total Connections:	3,581		Total Usage:	6,547,791
Residential Indoor Customers:	3,073		Inside Residential Total:	3,741,280
Commercial Indoor Customers:	275		Inside Commercial Total:	1,658,951
Multi-Family Customers:	89		Inside Multi-Family Total:	686,946
Total Irrigation Meters:	126		Outside Total:	238,143
Other Meters:	18		Other Total:	222,471
			Bruce Pac Total:	607,350
			Total without Bruce Pac:	5,940,441

2018 Silverton Water Consumption Data

Oct-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	982	982	\$32,235	634,083
Water 3/4 Residential	1,960	1,961	\$76,787	1,766,155
Water 1 Residential	97	97	\$4,492	111,549
Water 1 Required-Sprinkler Res	47	47	\$1,766	38,391
Water 1-1/2 Residential	1	1	\$321	10,040
Water 3/4 Outside Comm	2	2	\$321	6,828
Water 5/8 Outside Residential	88	88	\$4,581	62,349
Water 3/4 Outside Residential	15	15	\$887	14,261
Water 1 Outside Residential	3	3	\$183	2,797
Water 3 Comm	8	15	\$28,185	1,000,292
Water 5/8 Comm	78	78	\$2,879	62,527
Water 3/4 Comm	83	83	\$3,870	96,529
Water 1 Comm	53	53	\$4,957	134,390
Water 1-1/2 Comm	34	34	\$5,866	152,847
Water 2 Comm	18	19	\$4,714	119,926
No service	1	5	\$0	23,732
Water 5/8 Sub Garden Comm	1	1	\$16	277
Water 3/4 Sub Garden Comm	6	6	\$95	3,347
Water 5/8 Multi Family	21	21	\$935	22,614
Water 3/4 Multi Family	22	23	\$1,012	27,652
Water 1 Multi Family	18	18	\$1,618	42,920
Water 1-1/2 Multi Family	11	11	\$3,570	112,089
Water 2 Multi Family	11	11	\$5,097	156,291
Water 3 Multi Family	5	7	\$3,150	86,508
Water 4 Multi Family	1	2	\$2,037	66,459
Water 1 Multi Fam Garden	5	5	\$393	9,807
Water 1-1/2 Multi Fam Garden	2	2	\$276	6,420
Water 2 Multi Fam Garden	2	2	\$246	2,908
HYDRANT METER	3	3	\$76	82
FLOW MTR-QUEST	1	1	\$0	81,847
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	15,970
CITY FACILITY-WTR NO CHARGE	9	10	\$0	35,948
Total Connections:	3,590		Total Usage:	4,907,835
Residential Indoor Customers:	3,087		Inside Residential Total:	2,560,218
Commercial Indoor Customers:	274		Inside Commercial Total:	1,566,511
Multi-Family Customers:	89		Inside Multi-Family Total:	514,533
Total Irrigation Meters:	124		Outside Total:	108,994
Other Meters:	16		Other Total:	157,579
			Bruce Pac Total:	688,335
			Total without Bruce Pac:	4,219,500

2018 Silverton Water Consumption Data

Nov-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	986	987	\$26,457	422,028
Water 3/4 Residential	1,957	1,958	\$55,443	950,337
Water 1 Residential	96	96	\$3,015	57,252
Water 1 Required-Sprinkler Res	48	48	\$1,305	20,888
Water 1-1/2 Residential	1	1	\$121	2,570
Water 3/4 Outside Comm	2	2	\$261	5,335
Water 5/8 Outside Residential	88	88	\$3,953	46,697
Water 3/4 Outside Residential	14	14	\$633	8,137
Water 1 Outside Residential	3	3	\$125	1,355
Water 3 Comm	8	15	\$22,831	799,047
Water 5/8 Comm	76	76	\$2,346	43,347
Water 3/4 Comm	82	82	\$2,956	63,842
Water 1 Comm	52	52	\$2,935	60,693
Water 1-1/2 Comm	34	35	\$4,735	111,552
Water 2 Comm	18	19	\$4,066	95,562
No service	1	5	\$0	18,263
Water 5/8 Sub Garden Comm	1	1	\$16	255
Water 3/4 Sub Garden Comm	6	6	\$95	317
Water 5/8 Multi Family	21	21	\$787	17,071
Water 3/4 Multi Family	22	22	\$954	22,737
Water 1 Multi Family	18	18	\$1,417	35,383
Water 1-1/2 Multi Family	11	11	\$2,734	80,769
Water 2 Multi Family	11	11	\$3,645	101,909
Water 3 Multi Family	5	7	\$2,696	69,505
Water 4 Multi Family	1	2	\$1,505	46,538
Water 1 Multi Fam Garden	5	5	\$90	316
Water 1-1/2 Multi Fam Garden	2	2	\$29	30
Water 2 Multi Fam Garden	2	2	\$174	217
HYDRANT METER	2	2	\$64	10
FLOW MTR-QUEST	1	1	\$0	51,528
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	60
CITY FACILITY-WTR NO CHARGE	9	10	\$0	23,710
Total Connections:	3,585		Total Usage:	3,157,260
Residential Indoor Customers:	3,088		Inside Residential Total:	1,453,075
Commercial Indoor Customers:	270		Inside Commercial Total:	1,174,043
Multi-Family Customers:	89		Inside Multi-Family Total:	373,912
Total Irrigation Meters:	123		Outside Total:	62,659
Other Meters:	15		Other Total:	93,571
			Bruce Pac Total:	526,915
			Total without Bruce Pac:	2,630,345

2018 Silverton Water Consumption Data

Dec-2018				
Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	976	977	\$28,024	478,651
Water 3/4 Residential	1,966	1,966	\$57,477	1,007,183
Water 1 Residential	95	95	\$3,008	57,537
Water 1 Required-Sprinkler Res	47	47	\$1,382	24,019
Water 1-1/2 Residential	1	1	\$89	1,350
Water 3/4 Outside Comm	2	2	\$290	6,060
Water 5/8 Outside Residential	88	88	\$4,143	51,438
Water 3/4 Outside Residential	14	14	\$681	8,728
Water 1 Outside Residential	3	3	\$116	1,114
Water 3 Comm	8	15	\$22,344	780,217
Water 5/8 Comm	76	76	\$2,456	47,713
Water 3/4 Comm	81	81	\$3,242	74,774
Water 1 Comm	50	50	\$2,595	45,987
Water 1-1/2 Comm	34	34	\$4,566	92,851
Water 2 Comm	18	18	\$4,097	96,809
Water 4 Comm	1	1	(\$4,626)	0
No service	1	5	\$0	18,472
Water 5/8 Sub Garden Comm	1	1	\$16	254
Water 3/4 Sub Garden Comm	6	6	\$95	28
Water 5/8 Multi Family	21	21	\$836	18,915
Water 3/4 Multi Family	23	23	\$1,064	26,844
Water 1 Multi Family	18	18	\$1,557	40,622
Water 1-1/2 Multi Family	11	11	\$3,208	98,535
Water 2 Multi Family	11	11	\$3,907	111,719
Water 3 Multi Family	5	7	\$3,068	103,776
Water 4 Multi Family	1	2	\$1,506	46,566
Water 1 Multi Fam Garden	1	1	\$26	0
Water 2 Multi Fam Garden	2	2	\$173	198
HYDRANT METER	2	2	\$63	2
FLOW MTR-QUEST	1	1	\$0	20,791
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	9	10	\$0	28,355
Total Connections:	3,575		Total Usage:	3,289,508
Residential Indoor Customers:	3,085		Inside Residential Total:	1,568,740
Commercial Indoor Customers:	267		Inside Commercial Total:	1,138,351
Multi-Family Customers:	95		Inside Multi-Family Total:	400,439
Total Irrigation Meters:	113		Outside Total:	132,830
Other Meters:	15		Other Total:	49,148
				3,289,508
			Bruce Pac Total:	529,030
			Total without Bruce Pac:	2,760,478

APPENDIX A9

2019 Silverton Water Consumption Data

Jan-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	982	982	\$29,853	545,161
Water 3/4 Residential	1,958	1,959	\$60,841	1,144,857
Water 1 Residential	93	93	\$3,198	64,893
Water 1 Required-Sprinkler Res	47	48	\$1,421	26,194
Water 1-1/2 Residential	1	1	\$83	1,140
Water 3/4 Outside Comm	2	2	\$310	6,547
Water 5/8 Outside Residential	89	89	\$4,478	59,773
Water 3/4 Outside Residential	14	14	\$676	8,595
Water 1 Outside Residential	3	3	\$144	1,827
Water 3 Comm	8	17	\$14,636	676,483
Water 5/8 Comm	75	75	\$2,285	41,865
Water 3/4 Comm	77	77	\$2,413	44,909
Water 1 Comm	50	50	\$2,478	42,307
Water 1-1/2 Comm	33	34	\$4,778	104,148
Water 2 Comm	18	18	\$4,784	122,546
No service	1	5	\$0	20,559
Water 5/8 Sub Garden Comm	1	1	\$16	317
Water 3/4 Sub Garden Comm	6	6	\$95	7
Water 5/8 Multi Family	21	21	\$886	20,802
Water 3/4 Multi Family	22	22	\$1,204	32,098
Water 1 Multi Family	18	18	\$1,784	49,112
Water 1-1/2 Multi Family	11	11	\$3,243	99,818
Water 2 Multi Family	11	11	\$4,777	144,304
Water 3 Multi Family	5	9	\$4,237	127,243
Water 4 Multi Family	1	2	\$1,800	57,568
Water 1 Multi Fam Garden	1	1	\$26	1
Water 2 Multi Fam Garden	2	2	\$169	34
HYDRANT METER	3	3	\$92	2
FLOW MTR-QUEST	1	1	\$0	29,644
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	
CITY FACILITY-WTR NO CHARGE	9	10	\$0	31,496
Total Connections:	3,565		Total Usage:	3,504,250
Residential Indoor Customers:	3,081		Inside Residential Total:	1,782,245
Commercial Indoor Customers:	261		Inside Commercial Total:	1,032,258
Multi-Family Customers:	89		Inside Multi-Family Total:	530,945
Total Irrigation Meters:	118		Outside Total:	77,101
Other Meters:	16		Other Total:	81,701
			Bruce Pac Total:	489,395
			Total without Bruce Pac:	3,014,855
				0.13965756

2019 Silverton Water Consumption Data

Feb-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	984	985	\$26,780	433,531
Water 3/4 Residential	1,951	1,952	\$55,027	908,619
Water 1 Residential	94	95	\$2,738	51,059
Water 1 Required-Sprinkler Res	47	47	\$1,283	20,369
Water 1-1/2 Residential	2	2	\$66	420
Water 3/4 Outside Comm	2	2	\$268	5,499
Water 5/8 Outside Residential	89	89	\$3,842	44,012
Water 3/4 Outside Residential	15	15	\$617	7,156
Water 1 Outside Residential	3	3	\$110	979
Water 3 Comm	8	16	\$19,487	680,052
Water 5/8 Comm	76	76	\$2,070	33,309
Water 3/4 Comm	77	77	\$2,233	38,166
Water 1 Comm	50	50	\$3,719	91,114
Water 1-1/2 Comm	33	33	\$4,145	90,344
Water 2 Comm	18	18	\$4,380	107,422
No service	1	5	\$0	22,615
Water 5/8 Sub Garden Comm	1	1	\$16	256
Water 3/4 Sub Garden Comm	6	6	\$95	6
Water 5/8 Multi Family	21	21	\$840	19,075
Water 3/4 Multi Family	22	22	\$1,091	27,869
Water 1 Multi Family	18	18	\$1,541	40,029
Water 1-1/2 Multi Family	11	11	\$2,684	78,886
Water 2 Multi Family	11	11	\$4,799	145,121
Water 3 Multi Family	5	9	\$3,757	109,257
Water 4 Multi Family	1	2	\$1,498	46,283
Water 1 Multi Fam Garden	1	1	\$26	0
Water 2 Multi Fam Garden	2	2	\$192	900
HYDRANT METER	3	3	\$95	14
FLOW MTR-QUEST	1	1	\$0	24,346
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	9	10	\$0	36,308
Total Connections:	3,564		Total Usage:	3,063,016
Residential Indoor Customers:	3,078		Inside Residential Total:	1,413,998
Commercial Indoor Customers:	262		Inside Commercial Total:	1,040,407
Multi-Family Customers:	89		Inside Multi-Family Total:	466,520
Total Irrigation Meters:	119		Outside Total:	58,808
Other Meters:	16		Other Total:	83,283
			Bruce Pac Total:	516,130
			Total without Bruce Pac:	2,546,886
				0.16850385

2019 Silverton Water Consumption Data

Mar-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	984	984	\$26,192	409,560
Water 3/4 Residential	1,956	1,956	\$56,458	966,945
Water 1 Residential	94	94	\$2,754	48,221
Water 1 Required-Sprinkler Res	48	48	\$1,289	20,203
Water 1-1/2 Residential	1	1	\$81	1,070
Water 3/4 Outside Comm	2	2	\$312	6,613
Water 5/8 Outside Residential	88	88	\$3,742	41,429
Water 3/4 Outside Residential	14	14	\$632	7,496
Water 1 Outside Residential	3	3	\$105	841
Water 3 Comm	8	16	\$16,016	550,114
Water 5/8 Comm	74	74	\$1,980	30,464
Water 3/4 Comm	81	82	\$2,376	39,000
Water 1 Comm	50	50	\$2,549	47,681
Water 1-1/2 Comm	33	33	\$3,902	81,251
Water 2 Comm	18	18	\$4,342	106,000
No service	1	5	\$0	20,270
Water 5/8 Sub Garden Comm	1	1	\$16	254
Water 3/4 Sub Garden Comm	6	6	\$95	318
Water 5/8 Multi Family	21	21	\$753	15,788
Water 3/4 Multi Family	23	23	\$992	24,488
Water 1 Multi Family	18	18	\$1,466	37,227
Water 1-1/2 Multi Family	11	11	\$2,382	67,579
Water 2 Multi Family	11	11	\$4,937	150,293
Water 3 Multi Family	5	9	\$3,602	103,453
Water 4 Multi Family	1	2	\$1,446	44,314
Water 1 Multi Fam Garden	1	1	\$26	1
Water 2 Multi Fam Garden	2	2	\$170	70
HYDRANT METER	3	3	\$96	21
FLOW MTR-QUEST	1	1	\$0	9,790
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	9	10	\$0	31,126
Total Connections:	3,570		Total Usage:	2,861,880
Residential Indoor Customers:	3,083		Inside Residential Total:	1,445,999
Commercial Indoor Customers:	264		Inside Commercial Total:	854,510
Multi-Family Customers:	90		Inside Multi-Family Total:	443,142
Total Irrigation Meters:	117		Outside Total:	57,022
Other Meters:	16		Other Total:	61,207
			Bruce Pac Total:	407,335
			Total without Bruce Pac:	2,454,545
				0.14233126

2019 Silverton Water Consumption Data

Apr-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	985	985	\$28,689	503,655
Water 3/4 Residential	1,983	1,984	\$61,056	1,134,545
Water 1 Residential	93	93	\$3,137	62,592
Water 1 Required-Sprinkler Res	48	48	\$1,405	24,300
Water 1-1/2 Residential	1	1	\$92	1,470
Water 3/4 Outside Comm	2	2	\$295	6,171
Water 5/8 Outside Residential	88	88	\$4,224	53,454
Water 3/4 Outside Residential	14	14	\$673	8,530
Water 1 Outside Residential	3	3	\$122	1,282
Water 3 Comm	8	16	\$22,135	780,006
Water 5/8 Comm	78	78	\$2,372	44,624
Water 3/4 Comm	81	81	\$2,563	48,768
Water 1 Comm	51	51	\$2,787	55,178
Water 1-1/2 Comm	33	33	\$5,212	130,314
Water 2 Comm	18	18	\$4,943	128,497
No service	1	5	\$0	27,783
Water 5/8 Sub Garden Comm	1	1	\$16	299
Water 3/4 Sub Garden Comm	6	6	\$95	915
Water 5/8 Multi Family	21	21	\$812	18,022
Water 3/4 Multi Family	22	22	\$1,115	29,063
Water 1 Multi Family	18	18	\$1,682	45,289
Water 1-1/2 Multi Family	11	11	\$2,752	81,448
Water 2 Multi Family	11	11	\$4,852	147,122
Water 3 Multi Family	5	9	\$3,743	108,722
Water 4 Multi Family	1	2	\$1,843	59,202
Water 1 Multi Fam Garden	1	1	\$26	0
Water 2 Multi Fam Garden	2	2	\$174	232
HYDRANT METER	5	5	\$85	5
FLOW MTR-QUEST	1	1	\$0	24,055
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	119,584
Total Connections:	3,605		Total Usage:	3,645,127
Residential Indoor Customers:	3,110		Inside Residential Total:	1,726,562
Commercial Indoor Customers:	269		Inside Commercial Total:	1,187,387
Multi-Family Customers:	89		Inside Multi-Family Total:	488,868
Total Irrigation Meters:	117		Outside Total:	70,883
Other Meters:	20		Other Total:	171,427
			Bruce Pac Total:	579,445
			Total without Bruce Pac:	3,065,682
				0.158964283

2019 Silverton Water Consumption Data

May-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	982	982	\$30,901	587,205
Water 3/4 Residential	1,978	1,979	\$70,417	1,617,703
Water 1 Residential	97	97	\$4,072	96,268
Water 1 Required-Sprinkler Res	48	48	\$1,785	38,522
Water 1-1/2 Residential	1	1	\$62	340
Water 3/4 Outside Comm	2	2	\$495	11,166
Water 5/8 Outside Residential	88	88	\$4,429	59,264
Water 3/4 Outside Residential	14	14	\$722	9,751
Water 1 Outside Residential	3	3	\$160	2,221
Water 3 Comm	8	16	\$20,547	720,640
Water 5/8 Comm	76	76	\$2,496	48,612
Water 3/4 Comm	81	81	\$2,824	58,093
Water 1 Comm	55	55	\$2,739	69,034
Water 1-1/2 Comm	35	35	\$5,841	150,256
Water 2 Comm	18	18	\$4,577	114,784
No service	1	5	\$0	22,897
Water 5/8 Sub Garden Comm	1	1	\$16	256
Water 3/4 Sub Garden Comm	7	7	\$109	5,059
Water 5/8 Multi Family	21	21	\$800	17,554
Water 3/4 Multi Family	23	23	\$1,113	28,701
Water 1 Multi Family	18	18	\$1,458	36,892
Water 1-1/2 Multi Family	11	11	\$2,835	84,565
Water 2 Multi Family	11	11	\$4,966	151,375
Water 3 Multi Family	5	10	\$3,709	113,634
Water 4 Multi Family	1	2	\$1,947	63,108
Water 1 Multi Fam Garden	4	4	\$242	5,179
Water 2 Multi Fam Garden	2	2	\$921	28,213
HYDRANT METER	3	3	\$95	5
FLOW MTR-QUEST	1	1	\$0	22,936
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	66,033
Total Connections:	3,608		Total Usage:	4,230,266
Residential Indoor Customers:	3,106		Inside Residential Total:	2,340,038
Commercial Indoor Customers:	273		Inside Commercial Total:	1,161,419
Multi-Family Customers:	90		Inside Multi-Family Total:	495,829
Total Irrigation Meters:	121		Outside Total:	121,109
Other Meters:	18		Other Total:	111,871
			Bruce Pac Total:	532,505
			Total without Bruce Pac:	3,697,761
				0.125879791

2019 Silverton Water Consumption Data

Jun-2019				
Rate Description	Number of Customers	Number of Units	Total Amount	Usage
Water 5/8 Residential	987	987	\$36,800	809,606
Water 3/4 Residential	1,985	1,985	\$93,816	2,356,851
Water 1 Residential	97	97	\$5,869	163,125
Water 1 Required-Sprinkler Res	49	49	\$2,126	51,289
Water 1-1/2 Residential	1	1	\$80	1,040
Water 3/4 Outside Comm	2	2	\$305	6,420
Water 5/8 Outside Residential	88	88	\$5,428	84,581
Water 3/4 Outside Residential	14	14	\$863	13,271
Water 1 Outside Residential	3	3	\$195	3,091
Water 3 Comm	8	16	\$20,941	734,707
Water 5/8 Comm	76	77	\$2,348	51,133
Water 3/4 Comm	83	83	\$3,302	75,728
Water 1 Comm	54	54	\$3,720	86,218
Water 1-1/2 Comm	35	35	\$6,791	185,529
Water 2 Comm	18	18	\$5,063	132,999
No service	1	5	\$0	24,583
Water 5/8 Sub Garden Comm	1	1	\$16	277
Water 3/4 Sub Garden Comm	7	7	\$110	8,669
Water 5/8 Multi Family	22	22	\$897	21,173
Water 3/4 Multi Family	23	23	\$1,227	32,935
Water 1 Multi Family	18	18	\$1,633	43,458
Water 1-1/2 Multi Family	11	11	\$3,169	97,059
Water 2 Multi Family	11	11	\$5,927	187,392
Water 3 Multi Family	5	9	\$5,025	156,734
Water 4 Multi Family	1	2	\$2,519	84,515
Water 1 Multi Fam Garden	5	5	\$407	10,690
Water 1-1/2 Multi Fam Garden	2	2	\$337	9,080
Water 2 Multi Fam Garden	2	2	\$1,712	57,844
HYDRANT METER	3	3	\$96	27
FLOW MTR-QUEST	1	1	\$0	19,991
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	39,318
CITY FACILITY-WTR NO CHARGE	11	12	\$0	84,733
Total Connections:	3,626		Total Usage:	5,634,066
Residential Indoor Customers:	3,119		Inside Residential Total:	3,381,911
Commercial Indoor Customers:	274		Inside Commercial Total:	1,266,314
Multi-Family Customers:	91		Inside Multi-Family Total:	623,266
Total Irrigation Meters:	124		Outside Total:	193,923
Other Meters:	18		Other Total:	168,652
				5,634,066
			Bruce Pac Total:	543,485
			Total without Bruce Pac:	5,090,581

2019 Silverton Water Consumption Data

Jul-2019				
Rate Description	Number of,Customers	Number,of Units	Total Amount	Usage
Water 5/8 Residential	985	986	\$40,835	955,332
Water 3/4 Residential	1,985	1,986	\$109,540	2,940,390
Water 1 Residential	96	96	\$7,342	218,304
Water 1 Required-Sprinkler Res	48	48	\$2,345	59,499
Water 1-1/2 Residential	1	1	\$192	5,230
Water 3/4 Outside Comm	2	2	\$331	7,079
Water 5/8 Outside Residential	88	88	\$6,084	100,343
Water 3/4 Outside Residential	14	14	\$1,440	27,664
Water 1 Outside Residential	3	3	\$757	17,107
Water 3 Comm	8	16	\$19,784	691,027
Water 5/8 Comm	75	75	\$2,867	63,110
Water 3/4 Comm	82	82	\$3,610	86,800
Water 1 Comm	55	55	\$5,011	133,868
Water 1-1/2 Comm	35	35	\$7,511	212,488
Water 2 Comm	18	18	\$5,208	138,421
No service	1	5	\$0	22,912
Water 5/8 Sub Garden Comm	1	1	\$16	277
Water 3/4 Sub Garden Comm	7	7	\$110	9,991
Water 5/8 Multi Family	21	21	\$1,049	26,904
Water 3/4 Multi Family	22	22	\$1,344	37,357
Water 1 Multi Family	18	18	\$1,683	45,330
Water 1-1/2 Multi Family	11	11	\$3,158	96,638
Water 2 Multi Family	11	11	\$6,731	217,478
Water 3 Multi Family	5	9	\$5,121	160,330
Water 4 Multi Family	1	2	\$2,542	85,377
Water 1 Multi Fam Garden	5	5	\$623	18,414
Water 1-1/2 Multi Fam Garden	2	2	\$779	25,240
Water 2 Multi Fam Garden	2	2	\$1,762	59,697
HYDRANT METER	4	4	\$112	24
FLOW MTR-QUEST	1	1	\$0	20,074
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	307,213
CITY FACILITY-WTR NO CHARGE	11	12	\$0	99,464
Total Connections:	3,620		Total Usage:	6,889,382
Residential Indoor Customers:	3,115		Inside Residential Total:	4,178,755
Commercial Indoor Customers:	273		Inside Commercial Total:	1,325,714
Multi-Family Customers:	89		Inside Multi-Family Total:	669,414
Total Irrigation Meters:	124		Outside Total:	265,812
Other Meters:	19		Other Total:	449,687
			Bruce Pac Total:	575,435
			Total without Bruce Pac:	6,313,947

2019 Silverton Water Consumption Data

Aug-2019				
Rate Description	Number of,Customers	Number,of Units	Total Amount	Usage
Water 5/8 Residential	985	986	\$45,684	1,136,314
Water 3/4 Residential	2,002	2,003	\$121,254	3,390,767
Water 1 Residential	97	97	\$8,228	251,480
Water 1 Required-Sprinkler Res	50	50	\$2,561	67,586
Water 1-1/2 Residential	1	1	\$181	4,800
Water 3/4 Outside Comm	2	2	\$426	9,433
Water 5/8 Outside Residential	90	90	\$7,076	124,252
Water 3/4 Outside Residential	14	14	\$1,339	25,144
Water 1 Outside Residential	3	3	\$950	21,922
Water 3 Comm	8	16	\$24,084	852,223
Water 5/8 Comm	77	77	\$3,158	73,382
Water 3/4 Comm	82	82	\$3,840	95,401
Water 1 Comm	55	55	\$5,818	163,834
Water 1-1/2 Comm	35	35	\$8,369	244,637
Water 2 Comm	18	18	\$5,390	145,257
No service	1	5	\$0	25,595
Water 5/8 Sub Garden Comm	1	1	\$16	337
Water 3/4 Sub Garden Comm	7	7	\$110	11,816
Water 5/8 Multi Family	21	21	\$1,287	35,799
Water 3/4 Multi Family	22	22	\$1,629	48,039
Water 1 Multi Family	18	18	\$1,928	54,525
Water 1-1/2 Multi Family	11	11	\$3,536	110,814
Water 2 Multi Family	11	11	\$7,877	260,426
Water 3 Multi Family	5	9	\$5,704	182,185
Water 4 Multi Family	1	2	\$2,709	91,633
Water 1 Multi Fam Garden	5	5	\$770	23,927
Water 1-1/2 Multi Fam Garden	2	2	\$573	17,510
Water 2 Multi Fam Garden	2	2	\$1,908	65,158
HYDRANT METER	5	5	\$156	85
FLOW MTR-QUEST	1	1	\$0	63,516
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	296,714
CITY FACILITY-WTR NO CHARGE	11	12	\$0	109,462
Total Connections:	3,645		Total Usage:	8,003,973
Residential Indoor Customers:	3,135		Inside Residential Total:	4,850,947
Commercial Indoor Customers:	275		Inside Commercial Total:	1,574,734
Multi-Family Customers:	89		Inside Multi-Family Total:	783,421
Total Irrigation Meters:	126		Outside Total:	299,499
Other Meters:	20		Other Total:	495,372
			Bruce Pac Total:	631,250
			Total without Bruce Pac:	7,372,723

2019 Silverton Water Consumption Data

Sep-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	983	984	\$39,958	813,923
Water 3/4 Residential	1,994	1,995	\$100,817	2,338,896
Water 1 Residential	96	96	\$6,037	152,887
Water 1 Required-Sprinkler Res	48	48	\$2,305	51,682
Water 1-1/2 Residential	1	1	\$136	2,750
Water 3/4 Outside Comm	2	2	\$347	6,849
Water 5/8 Outside Residential	89	89	\$5,776	81,105
Water 3/4 Outside Residential	14	15	\$1,010	17,931
Water 1 Outside Residential	3	3	\$1,147	24,788
Water 3 Comm	8	16	\$28,779	949,650
Water 5/8 Comm	74	74	\$2,722	50,903
Water 3/4 Comm	84	84	\$3,669	77,768
Water 1 Comm	56	56	\$4,767	111,053
Water 1-1/2 Comm	35	35	\$8,008	211,757
Water 2 Comm	18	18	\$5,192	123,593
No service	1	5	\$0	24,777
Water 5/8 Sub Garden Comm	1	1	\$17	321
Water 3/4 Sub Garden Comm	8	8	\$127	9,178
Water 5/8 Multi Family	22	22	\$1,037	23,744
Water 3/4 Multi Family	24	24	\$1,316	32,089
Water 1 Multi Family	18	18	\$2,043	53,232
Water 1-1/2 Multi Family	11	11	\$3,573	102,412
Water 2 Multi Family	11	12	\$4,828	190,828
Water 3 Multi Family	5	9	\$5,344	154,042
Water 4 Multi Family	1	2	\$2,819	88,023
Water 1 Multi Fam Garden	5	5	\$728	20,340
Water 1-1/2 Multi Fam Garden	2	2	\$560	15,500
Water 2 Multi Fam Garden	2	2	\$1,878	58,900
HYDRANT METER	6	6	\$190	43
FLOW MTR-QUEST	1	1	\$0	61,154
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	44,137
CITY FACILITY-WTR NO CHARGE	11	12	\$0	108,416
Total Connections:	3,636		Total Usage:	6,002,671
Residential Indoor Customers:	3,122		Inside Residential Total:	3,360,138
Commercial Indoor Customers:	275		Inside Commercial Total:	1,524,724
Multi-Family Customers:	92		Inside Multi-Family Total:	644,370
Total Irrigation Meters:	126		Outside Total:	234,912
Other Meters:	21		Other Total:	238,527
			Bruce Pac Total:	575,175
			Total without Bruce Pac:	5,427,496

2019 Silverton Water Consumption Data

Oct-2019				
Rate Description	Number of,Customers	Number,of Units	Total Amount	Usage
Water 5/8 Residential	985	985	\$31,558	540,524
Water 3/4 Residential	1,995	1,995	\$70,234	1,281,615
Water 1 Residential	96	96	\$3,721	72,497
Water 1 Required-Sprinkler Res	49	49	\$1,578	26,416
Water 1-1/2 Residential	1	1	\$327	9,400
Water 3/4 Outside Comm	2	2	\$332	6,508
Water 5/8 Outside Residential	93	93	\$4,674	55,070
Water 3/4 Outside Residential	14	14	\$820	10,713
Water 1 Outside Residential	3	3	\$136	1,367
Water 3 Comm	8	16	\$26,283	863,077
Water 5/8 Comm	73	73	\$2,303	37,324
Water 3/4 Comm	84	84	\$3,214	62,456
Water 1 Comm	55	55	\$3,547	69,005
Water 1-1/2 Comm	35	35	\$6,145	146,374
Water 2 Comm	18	18	\$5,519	134,926
No service	1	5	\$0	22,285
Water 5/8 Sub Garden Comm	1	1	\$17	344
Water 3/4 Sub Garden Comm	7	7	\$119	2,465
Water 5/8 Multi Family	21	21	\$935	20,049
Water 3/4 Multi Family	23	23	\$1,133	25,762
Water 1 Multi Family	18	18	\$2,031	52,807
Water 1-1/2 Multi Family	11	11	\$3,250	91,195
Water 2 Multi Family	11	11	\$5,226	146,814
Water 3 Multi Family	5	9	\$4,363	120,001
Water 4 Multi Family	1	2	\$2,086	62,574
Water 1 Multi Fam Garden	5	5	\$136	594
Water 1-1/2 Multi Fam Garden	2	2	\$51	0
Water 2 Multi Fam Garden	2	2	\$866	23,782
HYDRANT METER	6	6	\$214	162
FLOW MTR-QUEST	1	1	\$0	60,349
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	11	12	\$0	95,903
Total Connections:	3,639		Total Usage:	4,042,358
Residential Indoor Customers:	3,126		Inside Residential Total:	1,930,452
Commercial Indoor Customers:	273		Inside Commercial Total:	1,313,162
Multi-Family Customers:	90		Inside Multi-Family Total:	519,202
Total Irrigation Meters:	129		Outside Total:	100,843
Other Meters:	21		Other Total:	178,699
			Bruce Pac Total:	628,810
			Total without Bruce Pac:	3,413,548

2019 Silverton Water Consumption Data

Nov-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	976	977	\$28,738	425,050
Water 3/4 Residential	1,994	1,994	\$60,565	944,374
Water 1 Residential	96	96	\$3,181	54,480
Water 1 Required-Sprinkler Res	49	49	\$1,427	21,230
Water 1-1/2 Residential	1	1	\$156	3,460
Water 3/4 Outside Comm	2	2	\$265	4,943
Water 5/8 Outside Residential	91	91	\$4,491	50,753
Water 3/4 Outside Residential	14	14	\$674	7,329
Water 1 Outside Residential	3	3	\$270	4,481
Water 3 Comm	8	16	\$20,900	676,432
Water 5/8 Comm	72	72	\$2,002	28,671
Water 3/4 Comm	83	83	\$2,542	39,735
Water 1 Comm	55	55	\$2,906	47,500
Water 1-1/2 Comm	34	34	\$5,565	126,284
Water 2 Comm	18	18	\$4,550	101,302
No service	1	5	\$0	19,532
Water 5/8 Sub Garden Comm	1	1	\$17	291
Water 3/4 Sub Garden Comm	7	7	\$119	452
Water 5/8 Multi Family	21	21	\$891	18,544
Water 3/4 Multi Family	23	23	\$1,086	24,124
Water 1 Multi Family	18	18	\$1,725	42,162
Water 1-1/2 Multi Family	11	11	\$2,830	76,590
Water 2 Multi Family	11	11	\$4,351	116,436
Water 3 Multi Family	5	9	\$3,241	81,034
Water 4 Multi Family	1	2	\$1,697	49,069
Water 1 Multi Fam Garden	2	2	\$57	0
Water 2 Multi Fam Garden	2	2	\$181	0
HYDRANT METER	7	7	\$166	78
FLOW MTR-QUEST	1	1	\$0	22,411
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	16	17	\$0	199,951
Total Connections:	3,625		Total Usage:	3,186,698
Residential Indoor Customers:	3,116		Inside Residential Total:	1,448,594
Commercial Indoor Customers:	270		Inside Commercial Total:	1,019,924
Multi-Family Customers:	90		Inside Multi-Family Total:	407,959
Total Irrigation Meters:	122		Outside Total:	68,249
Other Meters:	27		Other Total:	241,972
			Bruce Pac Total:	520,915
			Total without Bruce Pac:	2,665,783

2019 Silverton Water Consumption Data

Dec-2019				
,Rate Description	Number of,Customers	Number,of Units	,Total Amount	,Usage
Water 5/8 Residential	982	983	\$29,077	450,466
Water 3/4 Residential	1,991	1,992	\$60,799	990,805
Water 1 Residential	94	94	\$3,257	57,573
Water 1 Required-Sprinkler Res	49	49	\$1,427	21,198
Water 1-1/2 Residential	1	1	\$154	3,370
Water 3/4 Outside Comm	2	2	\$304	5,847
Water 5/8 Outside Residential	91	91	\$4,512	51,227
Water 3/4 Outside Residential	14	14	\$678	7,423
Water 1 Outside Residential	3	3	\$230	3,560
Water 3 Comm	8	16	\$20,016	645,349
Water 5/8 Comm	69	69	\$2,042	30,110
Water 3/4 Comm	81	81	\$2,516	39,499
Water 1 Comm	54	54	\$2,808	44,339
Water 1-1/2 Comm	34	34	\$6,136	146,114
Water 2 Comm	18	18	\$5,078	119,628
No service	1	2	\$578	3,390
Water 5/8 Sub Garden Comm	1	5	\$0	19,298
Water 3/4 Sub Garden Comm	1	1	\$17	310
Water 5/8 Multi Family	7	7	\$119	477
Water 3/4 Multi Family	21	21	\$781	14,714
Water 1 Multi Family	24	24	\$1,004	21,224
Water 1-1/2 Multi Family	18	19	\$1,481	45,136
Water 2 Multi Family	11	11	\$3,139	87,344
Water 3 Multi Family	11	11	\$4,428	119,107
Water 4 Multi Family	5	9	\$3,445	88,135
Water 1 Multi Fam Garden	1	2	\$1,745	50,729
Water 1-1/2 Multi Fam Garden	2	2	\$56	0
Water 2 Multi Fam Garden	2	2	\$181	0
HYDRANT METER	5	5	\$174	61
FLOW MTR-QUEST	1	1	\$0	13,033
SCHOOL DIST FIELD-NO CHARGE	2	2	\$0	0
CITY FACILITY-WTR NO CHARGE	19	20	\$0	60,454
Total Connections:	3,623		Total Usage:	3,139,920
Residential Indoor Customers:	2,137		Inside Residential Total:	1,523,412
Commercial Indoor Customers:	257		Inside Commercial Total:	1,025,039
Multi-Family Customers:	97		Inside Multi-Family Total:	376,137
Total Irrigation Meters:	117		Outside Total:	138,394
Other Meters:	28		Other Total:	76,938
			Bruce Pac Total:	499,335
			Total without Bruce Pac:	2,640,585