March 2019
WTP Effluent Sample Results

PARAMETER	BOD (mg/L)	Total Aluminum (mg/L)	Total Antimony (µg/L)	Total Arsenic (µg/L)	Total Barium (µg/L)	Total Beryllium (µg/L)	Total Boron (µg/L)	Total Cadmium (µg/L)	Total Chromium (µg/L)	Total Cobalt (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	1	1	1	1	1	1	1	1	1	1
1										
2										
3										
4										
5	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	**21.2**	<0.20	<1.0	<15.0
6										
7										
8										
9										
10										
11										
12	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
13										
14										
15										
16										
17										
18										
19										
20	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
21										
22										
23										
24										
25										
26	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
27										
28										
29										
30										
31										

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WTP Effluent Sample Results

PARAMETER	Total Copper (µg/L)	Total Fluoride (µg/L)	Total Lead (µg/L)	Total Lithium (µg/L)	Total Manganese (µg/L)	Total Mercury (µg/L)	Total Molybdenum (µg/L)	Total Nickel (µg/L)	Total Potassium (µg/L)
CODE	01042	00951	01051	01132	01055	71900	01062	01067	00937
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	1	1	1	1	1	1	1	1	1
1									
2									
3									
4									
5	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
6									
7									
8									
9									
10									
11									
12	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	**1770**
13									
14									
15									
16									
17									
18									
19									
20	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
21									
22									
23									
24									
25									
26	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
27									
28									
29									
30									
31									

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PARAMETER	Total Selenium (µg/L)	Total Silver (µg/L)	Total Strontium (µg/L)	Total Thallium (µg/L)	Total Vanadium (µg/L)	Total Zinc (µg/L)	Nitrate Nitrogen (mg/L)	Total Uranium (µg/L)	Total Sulfate (µg/L)	Total Iron (µg/L)
CODE	01147	01077	01082	01059	01087	01092	00620	22706	81020	01045
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	1	1	1	1	1	1	1	1	1	1
1										
2										
3										
4										
5	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.46**	<1.0	<5000	<50.0
6										
7										
8										
9										
10										
11										
12	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.29**	<1.0	<5000	<50.0
13										
14										
15										
16										
17										
18										
19										
20	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.18**	<1.0	<5000	<50.0
21										
22										
23										
24										
25										
26	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.27**	<1.0	<10000	<50.0
27										
28										
29										
30										
31										

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WTP Effluent Sample Results

PARAMETER	pH (minimum)	pH (maximum)	Dissolved Oxygen (mg/L)	Total Inorganic Nitrogen (mg/L)	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)	Total Chloride (mg/L)	Total Phosporus (mg/L)
CODE	99991	99992	00300	09001	90002	90004	90005	90006	90007
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	1	1	1	1	1	1	1	1	1
1	7.02	8.30							
2	7.01	8.60							
3	7.10	8.21							
4	7.12	8.24							
5	7.08	8.29	10.73	1.1	0.58	0.045	12.4	1.5	<0.050
6	7.15	8.32							
7	7.17	8.32							
8	7.16	8.23							
9	7.13	8.29							
10	7.05	8.33							
11	7.13	8.28							
12	7.14	8.26	10.60	0.82	0.51	0.024	10.0	1.3	<0.050
13	7.09	8.31							
14	7.10	8.28							
15	7.13	8.40							
16	7.23	8.29							
17	7.14	8.31							
18	7.16	8.30							
19	7.05	8.30							
20	7.12	8.33	11.14	0.53	0.33	0.018	7.89	<1.0	<0.050
21	7.17	8.36							
22	7.13	8.32							
23	7.17	8.44							
24	7.32	8.41							
25	7.30	8.25							
26	7.14	8.35	10.31	0.65	0.36	0.024	10.3	1.6	<0.050
27	7.28	8.35							
28	7.09	8.43							
29	7.06	8.35							
30	7.16	8.47							
31	7.19	8.43							

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PARAMETER	Specific Conductance (µmhos/cm)	Effluent Flow (US GPD)	Effluent Flow (US GPY)	Land Application Rate (gal/day/ sq ft)	Land Application Rate (gal/day/ sq ft)	Land Application Rate (gal/day/ sq ft)	Land Application Rate (gal/day/ sq ft)	Land Application Rate (gal/day/ sq ft)
CODE	90019	90027	90028	90010	90010	90010	90010	90010
Monitoring Point	EQ-1	EQ-1	EQ-1	RI 1	RI 2	RI 3	RI 4	RI 5
STAGE	1	1	1	RI	RI	RI	RI	RI
1	38.77	189,589	7,054,286	0.00	0.39	0.39	0.39	0.39
2	39.01	192,695	7,246,981	0.00	0.39	0.39	0.39	0.39
3	48.42	203,976	7,450,957	0.00	0.42	0.42	0.42	0.42
4	53.89	181,391	7,632,348	0.00	0.37	0.37	0.37	0.37
5	57.17	181,064	7,813,412	0.00	0.37	0.37	0.37	0.37
6	59.75	190,312	8,003,723	0.00	0.39	0.39	0.39	0.39
7	50.94	115,233	8,118,956	0.00	0.24	0.24	0.24	0.24
8	51.00	74,157	8,193,114	0.00	0.15	0.15	0.15	0.15
9	42.18	166,647	8,359,761	0.00	0.34	0.34	0.34	0.34
10	42.97	80,839	8,440,599	0.00	0.17	0.17	0.17	0.17
11	42.59	147,001	8,587,600	0.00	0.30	0.30	0.30	0.30
12	46.49	189,272	8,776,873	0.00	0.39	0.39	0.39	0.39
13	46.14	216,215	8,993,088	0.00	0.44	0.44	0.44	0.44
14	37.38	211,724	9,204,812	0.00	0.43	0.43	0.43	0.43
15	42.78	237,390	9,442,203	0.00	0.48	0.48	0.48	0.48
16	46.03	174,146	9,616,349	0.00	0.36	0.36	0.36	0.36
17	45.25	229,001	9,845,350	0.00	0.47	0.47	0.47	0.47
18	41.43	320,321	10,165,671	0.00	0.65	0.65	0.65	0.65
19	32.60	414,665	10,580,336	0.00	0.85	0.85	0.85	0.85
20	35.28	358,251	10,938,587	0.00	0.73	0.73	0.73	0.73
21	48.17	314,273	11,252,860	0.00	0.64	0.64	0.64	0.64
22	39.77	354,470	11,607,330	0.00	0.72	0.72	0.72	0.72
23	37.94	218,105	11,825,435	0.00	0.45	0.45	0.45	0.45
24	43.52	93,044	11,918,479	0.00	0.19	0.19	0.19	0.19
25	41.74	125,009	12,043,488	0.00	0.26	0.26	0.26	0.26
26	47.98	301,768	12,345,256	0.00	0.62	0.62	0.62	0.62
27	48.47	273,266	12,618,522	0.00	0.56	0.56	0.56	0.56
28	42.33	187,576	12,806,098	0.00	0.38	0.38	0.38	0.38
29	19.27	164,390	12,970,487	0.00	0.34	0.34	0.34	0.34
30	35.68	320,037	13,290,524	0.00	0.65	0.65	0.65	0.65
31	32.45	374,390	13,664,913	0.00	0.76	0.76	0.76	0.76

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WTP RO Influent Sample Results

PARAMETER	BOD (mg/L)	Total Aluminum (mg/L)	Total Antimony (µg/L)	Total Arsenic (µg/L)	Total Barium (µg/L)	Total Beryllium (µg/L)	Total Boron (µg/L)	Total Cadmium (µg/L)	Total Chromium (µg/L)	Total Cobalt (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1										
2										
3										
4										
5	<2.0	<0.05	**13.1**	**3.2**	<1.0	<1.0	**890**	**0.73**	**2780**	**29.5**
6										
7										
8										
9										
10										
11										
12	**18.8**	<0.05	**14.2**	**1.9**	<1.0	<1.0	**811**	**0.41**	**6.0**	<15.0
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

March 2019
WTP RO Influent Sample Results

PARAMETER	Total Copper (µg/L)	Total Fluoride (µg/L)	Total Lead (µg/L)	Total Lithium (µg/L)	Total Manganese (µg/L)	Total Mercury (µg/L)	Total Molybdenum (µg/L)	Total Nickel (µg/L)	Total Potassium (µg/L)	Total Selenium (µg/L)
CODE	01042	00951	01051	01132	01055	71900	01062	01067	00937	01147
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1										
2										
3										
4										
5	74.4	190	106	35.8	257	<0.0005	101	1510	85400	17.1
6										
7										
8										
9										
10										
11										
12	44.0	210	3.9	43.7	9.4	0.00121	67.7	39.1	81300	18.1
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
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25										
26										
27										
28										
29										
30										
31										

March 2019
WTP RO Influent Sample Results

PARAMETER	Total Silver (µg/L)	Total Strontium (µg/L)	Total Thallium (µg/L)	Total Vanadium (µg/L)	Total Zinc (µg/L)	Nitrate Nitrogen (mg/L)	Total Uranium (µg/L)	Total Sulfate (µg/L)	Total Iron (µg/L)	pH (minimum)
CODE	01077	01082	01059	01087	01092	00620	22706	81020	01045	99991
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	IF-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1										3.58
2										
3										
4										
5	<0.20	<5.0	<2.0	<100	1720	140	<1.0	1110000	12800	2.56
6										
7										
8										
9										
10										
11										
12	<0.20	<5.0	<2.0	2.2	332	124	<1.0	1010000	57.3	4.20
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

March 2019
WTP RO Influent Sample Results

PARAMETER	pH (maximum)	Dissolved Oxygen (mg/L)	Total Inorganic Nitrogen (mg/L)	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)	Total Chloride (mg/L)	Total Phosporus (mg/L)	Specific Conductance (µmhos/cm)	Influent Flow (US GPD)
CODE	99992	00300	09001	90002	90004	90005	90006	90007	90019	90027
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1	9.19	6398							6,398	209,324
2										215,668
3										226,486
4										205,209
5	10.15	7445	187	43.2	4.2	1490	1520	0.075	7,445	208,220
6										222,813
7										151,344
8										94,613
9										180,490
10										90,626
11										159,056
12	9.41	6970	172	40.9	7.0	1290	1390	0.064	6,970	210,139
13										238,490
14										230,469
15										230,369
16										165,820
17										193,913
18										225,589
19										252,025
20										251,843
21										218,262
22										236,561
23										136,458
24										64,202
25										127,290
26										249,366
27										240,678
28										229,323
29										210,662
30										206,328
31										236,076

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	8,510,762
2	8,726,430
3	8,952,916
4	9,158,125
5	9,366,344
6	9,589,158
7	9,740,501
8	9,835,114
9	10,015,604
10	10,106,230
11	10,265,285
12	10,475,424
13	10,713,914
14	10,944,383
15	11,174,752
16	11,340,572
17	11,534,485
18	11,760,074
19	12,012,099
20	12,263,942
21	12,482,204
22	12,718,764
23	12,855,222
24	12,919,424
25	13,046,713
26	13,296,080
27	13,536,758
28	13,766,081
29	13,976,743
30	14,183,071
31	14,419,147