

February 2018
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										
6	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
7										
8										
9										
10										
11										
12										
13	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
14										
15										
16										
17										
18										
19										
20	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
21										
22										
23										
24										
25										
26										
27	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
28										
29										
30										
31										

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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	1	1	1	1	1	1	1	1	1	1
1										
2										
3										
4										
5										
6	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
7										
8										
9										
10										
11										
12										
13	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
14										
15										
16										
17										
18										
19										
20	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
21										
22										
23										
24										
25										
26										
27	3.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
28										
29										
30										
31										

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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	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	1	1	1	1	1	1	1	1	1	1
1										6.94
2										6.98
3										6.95
4										7.01
5										6.92
6	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	7.28
7										7.04
8										7.07
9										7.04
10										7.09
11										7.06
12										7.16
13	<0.20	<5.0	<2.0	<1.0	<10.0	0.051	<1.0	<5000	<50.0	7.02
14										6.85
15										7.08
16										7.03
17										7.07
18										6.99
19										7.33
20	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	6.95
21										6.81
22										7.14
23										6.88
24										7.14
25										7.18
26										7.01
27	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	61.4	7.17
28										6.98
29										6.71
30										7.01
31										6.99

February 2018
WTP Effluent 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 Phosphorus (mg/L)	Specific Conductance (µmhos/cm)	Effluent 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	1	1	1	1	1	1	1	1	1	1
1	8.37								25.65	46561
2	8.38								18.42	199614
3	8.49								14.94	207702
4	8.34								19.07	131464
5	8.45								15.45	106920
6	8.45	10.22	0.34	0.30	<0.050	4.21	1.3	<0.010	20.42	67062
7	8.38								21.72	88754
8	8.43								20.95	166953
9	8.26								18.23	207318
10	8.52								19.16	62899
11	8.32								22.05	41646
12	8.39								23.41	79107
13	8.51	9.48	0.43	0.38	<0.050	4.80	<1.0	<0.010	24.27	76405
14	8.50								22.76	165674
15	8.34								16.90	195830
16	8.46								17.68	206588
17	8.57								16.38	98296
18	8.38								17.70	160855
19	8.31								21.96	19697
20	8.50	11.04	0.37	0.32	<0.050	5.66	<1.0	0.014	20.37	212308
21	8.33								19.41	118811
22	8.45								19.64	89192
23	8.49								18.20	93229
24	8.62								19.75	85117
25	8.19								22.56	19122
26	8.62								20.73	125032
27	8.39	9.65	0.32	0.27	<0.050	4.20	<1.0	<0.010	18.83	80315
28	8.49								15.70	186088
29	8.51								17.46	162716
30	8.72								16.31	165630
31	8.56								17.30	164505

February 2018
WTP Effluent Sample Results

PARAMETER	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	90028	90010	90010	90010	90010	90010
Monitoring Point	EQ-1	RI 1	RI 2	RI 3	RI 4	RI 5
STAGE	1	RI	RI	RI	RI	RI
1	6449760	0.10	0.10	0.10	0.10	0.00
2	6649373	0.41	0.41	0.41	0.41	0.00
3	6857075	0.42	0.42	0.42	0.42	0.00
4	6988540	0.27	0.27	0.27	0.27	0.00
5	7095459	0.22	0.22	0.22	0.22	0.00
6	7162521	0.14	0.14	0.14	0.14	0.00
7	7251275	0.18	0.18	0.18	0.18	0.00
8	7418227	0.34	0.34	0.34	0.34	0.00
9	7625545	0.42	0.42	0.42	0.42	0.00
10	7688444	0.13	0.13	0.13	0.13	0.00
11	7730090	0.09	0.09	0.09	0.09	0.00
12	7809197	0.16	0.16	0.16	0.16	0.00
13	7885601	0.16	0.16	0.16	0.16	0.00
14	8051275	0.34	0.34	0.34	0.34	0.00
15	8247106	0.40	0.40	0.40	0.40	0.00
16	8453694	0.42	0.42	0.42	0.42	0.00
17	8551989	0.20	0.20	0.20	0.20	0.00
18	8712844	0.33	0.33	0.33	0.33	0.00
19	8732541	0.04	0.04	0.04	0.04	0.00
20	8944848	0.43	0.43	0.43	0.43	0.00
21	9063659	0.24	0.24	0.24	0.24	0.00
22	9152851	0.18	0.18	0.18	0.18	0.00
23	9246080	0.19	0.19	0.19	0.19	0.00
24	9331197	0.17	0.17	0.17	0.17	0.00
25	9350319	0.04	0.04	0.04	0.04	0.00
26	9475351	0.26	0.26	0.26	0.26	0.00
27	9555666	0.16	0.16	0.16	0.16	0.00
28	9741754	0.38	0.38	0.38	0.38	0.00
29	9904470	0.33	0.33	0.33	0.33	0.00
30	10070100	0.34	0.34	0.34	0.34	0.00
31	10234605	0.34	0.34	0.34	0.34	0.00

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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										
6	10.3	<0.05	18.9	<1.0	<1.0	<1.0	656	0.25	28.6	<15.0
7										
8										
9										
10										
11										
12										
13	8.0	<0.05	20.8	1.5	<1.0	<1.0	720	0.24	5.5	<15.0
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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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										
6	16.8	170	1.6	15.5	9.6	0.000764	65.7	22.8	63200	11.0
7										
8										
9										
10										
11										
12										
13	8.9	170	<1.0	19.1	7.9	0.000837	71.9	12.3	64800	10.4
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
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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										
2										
3										
4										
5										
6	<0.20	<5.0	<2.0	2.8	484	80.3	<1.0	618000	134	3.06
7										
8										
9										
10										
11										
12										
13	<0.20	<5.0	<2.0	2.6	223	96.5	<1.0	686000	<50.0	5.98
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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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 Phosphorus (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										53829
2										236998
3										244161
4										158476
5										132960
6	9.05	11.16	117	27.6	9.1	745	595	0.031	4034	70543
7										116107
8										193329
9										242478
10										72921
11										68140
12										74637
13	9.15	11.17	139	32.0	10.7	778	646	0.033	4269	88463
14										195234
15										228475
16										244734
17										114197
18										199704
19										38027
20										236040
21										149062
22										96322
23										113024
24										82026
25										35662
26										132568
27										104892
28										213216
29										204138
30										192337
31										210175

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	7689032
2	7926030
3	8170191
4	8328667
5	8461627
6	8532170
7	8648277
8	8841606
9	9084084
10	9157005
11	9225144
12	9299782
13	9388245
14	9583478
15	9811954
16	10056688
17	10170885
18	10370589
19	10408616
20	10644656
21	10793719
22	10890041
23	11003065
24	11085091
25	11120753
26	11253320
27	11358213
28	11571428
29	11775566
30	11967903
31	12178078