

April 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	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
4										
5										
6										
7										
8										
9										
10	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
11										
12										
13										
14										
15										
16										
17	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
18										
19										
20										
21										
22										
23										
24	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
25										
26										
27										
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	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
4										
5										
6										
7										
8										
9										
10	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
11										
12										
13										
14										
15										
16										
17	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
18										
19										
20										
21										
22										
23										
24	3.2	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
25										
26										
27										
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										7.14
2										6.87
3	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	6.98
4										7.02
5										6.87
6										6.93
7										7.25
8										7.15
9										6.91
10	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	7.08
11										6.93
12										6.87
13										7.08
14										6.99
15										7.08
16										6.94
17	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	6.88
18										6.97
19										6.96
20										6.92
21										6.87
22										6.91
23										6.89
24	<0.20	<5.0	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	6.78
25										6.94
26										7.04
27										6.98
28										7.05
29										7.13
30										7.20
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)	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	8.58								19.24	73668
2	8.58								18.53	174910
3	8.41	10.71	<b>0.34</b>	<b>0.31</b>	<0.050	<b>4.05</b>	<1.0	<b>0.015</b>	19.30	176004
4	8.44								19.53	187274
5	8.50								19.59	114484
6	8.47								23.88	121808
7	8.43								25.35	50350
8	8.49								26.14	50026
9	8.49								25.53	111836
10	8.27	9.69	<b>0.61</b>	<b>0.57</b>	<0.050	<b>4.99</b>	<b>1.3</b>	<b>0.021</b>	26.68	48180
11	8.31								24.88	111386
12	8.31								22.50	191637
13	8.23								22.26	167152
14	8.37								19.82	175009
15	8.25								22.27	96865
16	8.40								23.11	145460
17	8.28	11.16	<b>0.44</b>	<b>0.4</b>	<0.050	<b>4.03</b>	<1.0	<0.010	21.32	136557
18	8.46								27.08	118404
19	8.27								27.10	178233
20	8.50								28.83	200403
21	8.52								25.47	258836
22	8.78								23.84	264662
23	8.44								23.07	234910
24	8.65	10.14	<b>0.35</b>	<b>0.29</b>	<0.050	<b>4.69</b>	<1.0	<0.010	18.27	371614
25	8.30								17.34	412998
26	8.28								18.11	401513
27	8.54								28.88	281469
28	8.47								29.44	179413
29	8.19								27.72	116946
30	8.51								26.60	195896
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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	10308273	0.15	0.15	0.15	0.15	0.00
2	10483182	0.36	0.36	0.36	0.36	0.00
3	10659187	0.36	0.36	0.36	0.36	0.00
4	10846460	0.38	0.38	0.38	0.38	0.00
5	10960944	0.23	0.23	0.23	0.23	0.00
6	11082753	0.25	0.25	0.25	0.25	0.00
7	11133102	0.10	0.10	0.10	0.10	0.00
8	11183128	0.10	0.10	0.10	0.10	0.00
9	11294964	0.23	0.23	0.23	0.23	0.00
10	11343145	0.10	0.10	0.10	0.10	0.00
11	11454531	0.23	0.23	0.23	0.23	0.00
12	11646168	0.39	0.39	0.39	0.39	0.00
13	11813320	0.34	0.34	0.34	0.34	0.00
14	11988329	0.36	0.36	0.36	0.36	0.00
15	12085194	0.20	0.20	0.20	0.20	0.00
16	12230654	0.30	0.30	0.30	0.30	0.00
17	12367211	0.28	0.28	0.28	0.28	0.00
18	12485615	0.24	0.24	0.24	0.24	0.00
19	12663848	0.36	0.36	0.36	0.36	0.00
20	12864251	0.41	0.41	0.41	0.41	0.00
21	13123087	0.53	0.53	0.53	0.53	0.00
22	13387749	0.54	0.54	0.54	0.54	0.00
23	13622658	0.48	0.48	0.48	0.48	0.00
24	13994273	0.76	0.76	0.76	0.76	0.00
25	14407271	0.84	0.84	0.84	0.84	0.00
26	14808784	0.82	0.82	0.82	0.82	0.00
27	15090252	0.57	0.57	0.57	0.57	0.00
28	15269666	0.37	0.37	0.37	0.37	0.00
29	15386611	0.24	0.24	0.24	0.24	0.00
30	15582507	0.40	0.40	0.40	0.40	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	7.7	<0.05	16.9	<1.0	<1.0	<1.0	540	<0.20	7.4	<15.0
4										
5										
6										
7										
8										
9										
10	6.9	<0.05	23.1	1.0	<1.0	<1.0	536	<0.20	4.6	<15.0
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
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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	7.7	170	<1.0	18.8	<5.0	0.000563	61.8	8.9	56900	10.1
4										
5										
6										
7										
8										
9										
10	6.5	200	<1.0	15.1	<5.0	0.000624	65.6	8.3	57100	8.6
11										
12										
13										
14										
15										
16										
17										
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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	<0.20	<5.0	<2.0	2.7	256	70.6	<1.0	515000	<50.0	6.10
4										
5										
6										
7										
8										
9										
10	<0.20	<5.0	<2.0	3.3	144	78.4	<1.0	499000	<50.0	6.34
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
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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										99450
2										213094
3	9.11	11.23	106	28.5	7.2	639	502	0.038	3451	217892
4										224123
5										127022
6										161505
7										61445
8										66449
9										126559
10	9.11	11.16	123	36.9	7.6	594	485	0.022	3311	58914
11										126991
12										235083
13										212261
14										226709
15										149024
16										159886
17										190486
18										116468
19										177051
20										151174
21										200742
22										196901
23										186282
24										218877
25										229468
26										227687
27										212972
28										214797
29										149526
30										100978
31										

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	12277528
2	12490622
3	12708515
4	12932638
5	13059660
6	13221165
7	13282609
8	13349058
9	13475617
10	13534531
11	13661522
12	13896605
13	14108866
14	14335575
15	14484599
16	14644485
17	14834971
18	14951439
19	15128490
20	15279664
21	15480406
22	15677306
23	15863588
24	16082465
25	16311933
26	16539620
27	16752592
28	16967389
29	17116916
30	17217894
31	