

January 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	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
3										
4										
5										
6										
7										
8										
9	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
10										
11										
12										
13										
14										
15										
16	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
17										
18										
19										
20										
21										
22										
23	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
24										
25										
26										
27										
28										
29										
30	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
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	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
3										
4										
5										
6										
7										
8										
9	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
10										
11										
12										
13										
14										
15										
16	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	322	<1.0
17										
18										
19										
20										
21										
22										
23	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
24										
25										
26										
27										
28										
29										
30	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
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										7.06
2	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.08
3										7.00
4										7.19
5										7.01
6										6.98
7										6.98
8										7.06
9	<0.20	<5.0	<2.0	<1.0	<10	0.056	<1.0	<5000	<50	6.98
10										7.11
11										7.02
12										7.08
13										7.00
14										7.30
15										6.72
16	<0.20	<5.0	<2.0	<1.0	<10	0.055	<1.0	<5000	<50	7.15
17										7.36
18										7.19
19										7.09
20										7.28
21										7.19
22										7.22
23	<0.20	<5.0	<2.0	<1.0	<10	0.082	<1.0	<5000	<50	7.23
24										7.29
25										7.34
26										7.44
27										7.14
28										7.10
29										7.02
30	<0.20	<5.0	<2.0	<1.0	<10	0.06	<1.0	<5000	<50	6.98
31										7.35

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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	8.71								19.61	97629
2	8.68	10.38	0.27	0.22	<0.050	3.95	<1.0	<0.010	19.14	114260
3	8.22								21.21	28963
4	8.29								22.93	31196
5	8.57								19.79	125278
6	8.31								14.08	193078
7	8.51								18.19	199521
8	8.29								17.19	190757
9	8.43	10.53	0.23	0.17	<0.05	3.17	<1.0	<0.010	15.00	188765
10	8.28								17.38	190899
11	8.29								13.84	197541
12	8.46								17.46	191876
13	8.37								15.06	161646
14	8.61								18.35	62874
15	8.43								16.00	183451
16	8.79	11.18	0.18	0.11	<0.05	3.42	<1.0	0.012	15.59	115852
17	8.36								16.99	25454
18	8.29								20.16	61823
19	8.38								14.69	201269
20	8.36								20.32	191807
21	8.53								17.27	187659
22	8.26								22.72	202216
23	8.31	10.8	0.33	0.24	<0.50	4.51	<1.0	0.015	19.47	129381
24	8.48								22.33	55998
25	8.44								26.09	29242
26	8.47								29.63	53332
27	8.49								30.17	84216
28	8.41								32.42	92490
29	8.43								28.90	108404
30	8.58	10.81	0.6	0.53	<0.50	5.15	<1.0	<0.010	25.05	105581
31	8.60								29.20	57029

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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	97629	0.20	0.20	0.20	0.20	0.00
2	211889	0.23	0.23	0.23	0.23	0.00
3	240852	0.06	0.06	0.06	0.06	0.00
4	272048	0.06	0.06	0.06	0.06	0.00
5	397326	0.26	0.26	0.26	0.26	0.00
6	590404	0.39	0.39	0.39	0.39	0.00
7	789924	0.41	0.41	0.41	0.41	0.00
8	980682	0.39	0.39	0.39	0.39	0.00
9	1169447	0.39	0.39	0.39	0.39	0.00
10	1360345	0.39	0.39	0.39	0.39	0.00
11	1557887	0.40	0.40	0.40	0.40	0.00
12	1749763	0.39	0.39	0.39	0.39	0.00
13	1911409	0.33	0.33	0.33	0.33	0.00
14	1974283	0.13	0.13	0.13	0.13	0.00
15	2157734	0.37	0.37	0.37	0.37	0.00
16	2273586	0.24	0.24	0.24	0.24	0.00
17	2299040	0.05	0.05	0.05	0.05	0.00
18	2360863	0.13	0.13	0.13	0.13	0.00
19	2562132	0.41	0.41	0.41	0.41	0.00
20	2753939	0.39	0.39	0.39	0.39	0.00
21	2941598	0.38	0.38	0.38	0.38	0.00
22	3143814	0.41	0.41	0.41	0.41	0.00
23	3273196	0.26	0.26	0.26	0.26	0.00
24	3329194	0.11	0.11	0.11	0.11	0.00
25	3358436	0.06	0.06	0.06	0.06	0.00
26	3411768	0.11	0.11	0.11	0.11	0.00
27	3495985	0.17	0.17	0.17	0.17	0.00
28	3588474	0.19	0.19	0.19	0.19	0.00
29	3696878	0.22	0.22	0.22	0.22	0.00
30	3802459	0.22	0.22	0.22	0.22	0.00
31	3859488	0.12	0.12	0.12	0.12	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	7.8	<0.05	21.3	<1.0	<1.0	<1.0	798	0.29	1590	21.6
3										
4										
5										
6										
7										
8										
9	12.8	<0.05	24.5	<1.0	<1.0	<1.0	762	0.30	4.9	<15.0
10										
11										
12										
13										
14										
15										
16										
17										
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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	14.7	120	3.1	15.2	128	0.000585	101	817	52900	<1.0
3										
4										
5										
6										
7										
8										
9	7.3	140	<1.0	16.1	7.6	0.000552	69.6	17.2	64400	12.3
10										
11										
12										
13										
14										
15										
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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	<0.20	<5.0	<2.0	12.4	488	95	<1.0	825000	7740	6.19
3										
4										
5										
6										
7										
8										
9	<0.20	<5.0	<2.0	2.4	201	121	<1.0	974000	<50.0	6.54
10										
11										
12										
13										
14										
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16										
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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										101000
2	9.72	11.47	118	19	4.0	781	602	0.032	4259	147207
3										34210
4										37867
5										131043
6										230889
7										234087
8										225038
9	9.04	11.66	150	20.6	8.6	877	543	0.035	4671	224522
10										226663
11										235593
12									4465	226416
13										210506
14										62083
15										227105
16										151936
17										28636
18										70636
19										240765
20										226474
21										224655
22										238451
23										171053
24										62777
25										43850
26										47733
27										99239
28										122565
29										120304
30										141173
31										56607

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	101000
2	248206
3	282417
4	320284
5	451327
6	682216
7	916303
8	1141342
9	1365864
10	1592526
11	1828119
12	2054535
13	2265041
14	2327123
15	2554228
16	2706164
17	2734800
18	2805436
19	3046200
20	3272674
21	3497329
22	3735780
23	3906833
24	3969610
25	4013460
26	4061193
27	4160432
28	4282997
29	4403301
30	4544475
31	4601082