

February 2017
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										
7	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
8										
9										
10										
11										
12										
13										
14	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
15										
16										
17										
18										
19										
20										
21	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
22										
23										
24										
25										
26										
27										
28	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	1.0	<15
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										
7	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	1.1
8										
9										
10										
11										
12										
13										
14	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
15										
16										
17										
18										
19										
20										
21	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	220	<1.0
22										
23										
24										
25										
26										
27										
28	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
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										7.38
2										7.01
3										6.95
4										7.31
5										7.21
6										7.22
7	<0.20	<5.0	<2.0	1.4	<10	0.066	<1.0	<5000	<50	7.10
8										7.02
9										7.09
10										7.17
11										7.23
12										7.06
13										7.10
14	<0.20	<5.0	<2.0	<1.0	<10	0.071	<1.0	<5000	<50	7.12
15										6.80
16										6.95
17										7.02
18										7.35
19										7.15
20										7.31
21	<0.20	<5.0	<2.0	<1.0	<10	0.066	<1.0	<5000	<50	7.22
22										7.02
23										6.88
24										6.90
25										7.11
26										7.05
27										7.10
28	<0.20	<5.0	<2.0	<1.0	<10	0.054	<1.0	<5000	<50	7.42
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)	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	8.47								26.10	46648
2	8.60								24.77	188930
3	8.48								28.90	142648
4	8.40								29.03	76505
5	8.24								27.50	44346
6	8.47								32.23	93216
7	8.54	9.05	0.94	0.87	<0.05	6.8	<1.0	<0.01	31.34	62769
8	8.47								24.57	190836
9	8.42								26.51	119809
10	8.42								32.02	56468
11	8.31								30.07	122714
12	8.41								29.82	80172
13	8.58								34.03	76436
14	8.37	10.05	0.85	0.78	<0.05	6.4	<1.0	<0.01	28.93	77010
15	8.85								24.01	296030
16	8.52								24.45	422863
17	8.39								24.73	352685
18	8.49								28.44	31553
19	8.55								27.74	100002
20	8.65								27.68	61245
21	8.56	9.00	0.8	0.74	<0.05	6.3	<1.0	<0.01	29.31	64900
22	8.52								28.53	107710
23	8.44								25.21	306525
24	8.49								19.85	266014
25	8.45								20.27	430982
26	8.70								21.38	419063
27	8.72								25.10	149896
28	8.49	10.02	0.77	0.72	<0.05	5.5	<1.0	<0.01	31.24	95315
29										
30										
31										

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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	3902410	0.00	0.10	0.10	0.10	0.10
2	4091340	0.00	0.39	0.39	0.39	0.39
3	4233988	0.00	0.29	0.29	0.29	0.29
4	4310493	0.00	0.16	0.16	0.16	0.16
5	4354839	0.00	0.09	0.09	0.09	0.09
6	4448055	0.00	0.19	0.19	0.19	0.19
7	4510824	0.00	0.13	0.13	0.13	0.13
8	4701660	0.00	0.39	0.39	0.39	0.39
9	4821469	0.00	0.24	0.24	0.24	0.24
10	4877937	0.00	0.12	0.12	0.12	0.12
11	5000650	0.00	0.25	0.25	0.25	0.25
12	5080822	0.00	0.16	0.16	0.16	0.16
13	5157258	0.00	0.16	0.16	0.16	0.16
14	5234268	0.00	0.16	0.16	0.16	0.16
15	5530298	0.00	0.60	0.60	0.60	0.60
16	5953162	0.00	0.86	0.86	0.86	0.86
17	6305846	0.00	0.72	0.72	0.72	0.72
18	6337399	0.00	0.06	0.06	0.06	0.06
19	6437401	0.00	0.20	0.20	0.20	0.20
20	6498646	0.00	0.13	0.13	0.13	0.13
21	6563546	0.00	0.13	0.13	0.13	0.13
22	6671257	0.00	0.22	0.22	0.22	0.22
23	6977782	0.00	0.63	0.63	0.63	0.63
24	7243796	0.00	0.54	0.54	0.54	0.54
25	7674778	0.00	0.88	0.88	0.88	0.88
26	8093841	0.00	0.86	0.86	0.86	0.86
27	8243737	0.00	0.31	0.31	0.31	0.31
28	8339052	0.00	0.19	0.19	0.19	0.19
29						
30						
31						

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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										
6										
7	23	<0.05	6.7	1.2	<5.0	<1.0	1200	<0.20	99	<15
8										
9										
10										
11										
12										
13										
14	52	<0.05	5.3	<1.0	<5.0	<1.0	1300	<0.20	9.3	<15
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
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	G	G	G	G	G	G	G	G	G	G
1										
2										
3										
4										
5										
6										
7	58	200	4.9	22	10	0.0013	52	43	52000	8.1
8										
9										
10										
11										
12										
13										
14	54	200	<1.0	22	7.3	<0.00250	51	62	58000	13
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
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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										
7	<0.20	<5.0	<2.0	3.6	640	68	<1.0	570000	220	5.35
8										
9										
10										
11										
12										
13										
14	<0.20	<5.0	<2.0	1.9	170	76	<1.0	680000	<50	4.90
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										52562
2										215834
3										178311
4										74987
5										62962
6										92631
7	9.11	10.58	100	28	5.8	700	530	0.0251	3602	92251
8										207107
9										142530
10										68474
11										142263
12										98174
13										92448
14	9.36	11.23	110	29	6.9	710	550	0.018	3790	98569
15										179000
16										249528
17										223484
18										18490
19										54967
20										42675
21										41561
22										65068
23										170125
24										164152
25										252037
26										247547
27										89440
28										62320
29										
30										
31										

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	4562111
2	4777945
3	4956256
4	5031243
5	5094205
6	5186837
7	5279088
8	5486195
9	5628725
10	5697199
11	5839462
12	5937635
13	6030083
14	6128651
15	6307651
16	6557179
17	6780663
18	6799153
19	6854121
20	6896796
21	6938357
22	7003425
23	7173549
24	7337701
25	7589738
26	7837285
27	7926725
28	7989045
29	
30	
31	