

June 2016
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	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
14										
15										
16										
17										
18										
19										
20										
21										
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	<1.0
8										
9										
10										
11										
12										
13	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	230	<1.0
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	1.2
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										7.06
2										7.20
3										7.15
4										7.06
5										6.96
6										7.02
7	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.03
8										7.20
9										7.19
10										7.48
11										7.66
12										7.20
13	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.35
14										7.19
15										7.26
16										7.34
17										7.46
18										7.46
19										
20										
21										
22										
23										
24										
25										
26										7.10
27										7.08
28	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	6.91
29										
30										7.30
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	8.34								22.27	195186
2	8.32								26.27	134415
3	8.31								24.03	311756
4	8.44								27.19	273308
5	8.64								23.60	252384
6	8.50								24.43	110329
7	8.53	9.34	0.25	0.25	<0.05	4.8	1.0	<0.01	20.63	256936
8	8.33								18.56	220794
9	8.44								27.66	238279
10	8.42								32.31	140429
11	8.38								37.21	173577
12	8.27								30.53	209535
13	8.33	8.43	0.36	0.36	<0.05	6.9	1.2	<0.01	30.06	241166
14	8.46								37.71	90801
15	8.71								45.26	106948
16	8.56								32.44	98577
17	8.38								33.95	113737
18	8.41								36.39	79201
19										0
20										0
21										0
22										0
23										0
24										0
25										0
26	8.06								28.74	190448
27	8.42								22.81	159119
28	8.44	8.51	0.15	0.15	<0.05	4.9	<1.0	<0.01	17.12	71164
29										0
30	8.38								22.62	44648
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	22450280	0.40	0.40	0.40	0.00	0.40
2	22584695	0.27	0.27	0.27	0.00	0.27
3	22896451	0.64	0.64	0.64	0.00	0.64
4	23169759	0.56	0.56	0.56	0.00	0.56
5	23422143	0.52	0.52	0.52	0.00	0.52
6	23532472	0.23	0.23	0.23	0.00	0.23
7	23789408	0.52	0.52	0.52	0.00	0.52
8	24010202	0.45	0.45	0.45	0.00	0.45
9	24248481	0.49	0.49	0.49	0.00	0.49
10	24388910	0.29	0.29	0.29	0.00	0.29
11	24562487	0.35	0.35	0.35	0.00	0.35
12	24772022	0.43	0.43	0.43	0.00	0.43
13	25013188	0.49	0.49	0.49	0.00	0.49
14	25103989	0.19	0.19	0.19	0.00	0.19
15	25210937	0.22	0.22	0.22	0.00	0.22
16	25309514	0.20	0.20	0.20	0.00	0.20
17	25423252	0.23	0.23	0.23	0.00	0.23
18	25502453	0.16	0.16	0.16	0.00	0.16
19	25502453	0.00	0.00	0.00	0.00	0.00
20	25502453	0.00	0.00	0.00	0.00	0.00
21	25502453	0.00	0.00	0.00	0.00	0.00
22	25502453	0.00	0.00	0.00	0.00	0.00
23	25502453	0.00	0.00	0.00	0.00	0.00
24	25502453	0.00	0.00	0.00	0.00	0.00
25	25502453	0.00	0.00	0.00	0.00	0.00
26	25692900	0.39	0.39	0.39	0.39	0.00
27	25852019	0.32	0.32	0.32	0.32	0.00
28	25923183	0.15	0.15	0.15	0.15	0.00
29	25923183	0.00	0.00	0.00	0.00	0.00
30	25967831	0.09	0.09	0.09	0.09	0.00
31						

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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										
7	31	<.05	1.2	1.3	<5.0	<1.0	630	<0.20	1.3	<15
8										
9										
10										
11										
12										
13	44	<.05	1.9	<1.0	<5.0	<1.0	730	<0.20	<1.0	<15
14										
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	27	<100	<1.0	12	<5.0	0.000523	25	26	41000	6.5
8										
9										
10										
11										
12										
13	25	<100	<1.0	16	<5.0	<0.0005	29	26	49000	8.3
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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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	1.4	110	32	<1.0	500000	<50	5.96
8										
9										
10										
11										
12										
13	<0.20	<5.0	<2.0	1.1	41	42	<1.0	620000	<50	5.21
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										256144
2										185720
3										407184
4										375232
5										309840
6										170368
7	9.60	9.5	43	7.0	4.2	450	310	0.0103	2366	343616
8										304896
9										301560
10										194360
11										233776
12										268672
13	9.46	8.18	55	8.2	4.8	540	300	0.0108	2746	315360
14										120784
15										149656
16										127752
17										147488
18										99704
19										4336
20										4400
21										3848
22										4320
23										312
24										2808
25										3352
26										232440
27										235128
28										96120
29										128
30										55664
31										

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	29200848
2	29386568
3	29793752
4	30168984
5	30478824
6	30649192
7	30992808
8	31297704
9	31599264
10	31793624
11	32027400
12	32296072
13	32611432
14	32732216
15	32881872
16	33009624
17	33157112
18	33256816
19	33261152
20	33265552
21	33269400
22	33273720
23	33274032
24	33276840
25	33280192
26	33512632
27	33747760
28	33843880
29	33844008
30	33899672
31	