

April 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	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
6										
7										
8										
9										
10										
11										
12	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
13										
14										
15										
16										
17										
18										
19	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
20										
21										
22										
23										
24										
25										
26	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
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										
4										
5	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
6										
7										
8										
9										
10										
11										
12	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	1.2
13										
14										
15										
16										
17										
18										
19	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
20										
21										
22										
23										
24										
25										
26	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
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										7.08
3										7.14
4										7.21
5	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	6.99
6										7.08
7										7.21
8										7.45
9										7.39
10										7.36
11										7.33
12	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.29
13										7.15
14										7.05
15										7.10
16										7.12
17										7.20
18										7.01
19	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.07
20										6.99
21										7.24
22										7.19
23										7.27
24										7.28
25										7.12
26	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.01
27										7.03
28										6.99
29										6.97
30										7.14
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	8.29								15.02	196978
2	8.44								13.28	198362
3	8.34								13.63	192602
4	8.47								16.22	194563
5	8.33	9.45	0.13	0.13	<0.05	2.8	<1.0	0.0127	10.36	189621
6	8.75								14.43	186759
7	8.40								18.00	188906
8	8.45								18.82	198792
9	8.39								17.10	192394
10	8.24								18.97	136395
11	8.21								15.38	169704
12	8.30	9.83	0.2	0.2	<0.05	3.3	<1.0	<0.01	14.76	200701
13	8.24								19.44	201002
14	8.33								15.28	216045
15	8.22								14.88	216776
16	8.49								16.69	212468
17	8.28								14.31	213530
18	8.45								14.32	315899
19	8.54	8.85	0.092	0.092	<0.05	3.3	<1.0	0.0101	14.54	244028
20	8.46								17.01	207159
21	8.32								16.80	203510
22	8.69								16.32	204390
23	8.45								18.61	202575
24	8.17								18.03	195711
25	8.25								15.52	206728
26	8.40	9.41	0.17	0.17	<0.05	3.2	<1.0	<0.01	12.61	284466
27	8.53								11.24	396698
28	8.56								10.54	390103
29	8.50								11.49	408955
30	8.27								16.82	287845
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	6121855	0.40		0.40	0.40	0.40
2	6320217	0.41		0.41	0.41	0.41
3	6512818	0.39		0.39	0.39	0.39
4	6707381	0.40		0.40	0.40	0.40
5	6897002	0.39		0.39	0.39	0.39
6	7083761	0.38		0.38	0.38	0.38
7	7272667	0.39		0.39	0.39	0.39
8	7471459	0.41		0.41	0.41	0.41
9	7663853	0.39		0.39	0.39	0.39
10	7800249	0.28		0.28	0.28	0.28
11	7969953	0.35		0.35	0.35	0.35
12	8170653	0.41		0.41	0.41	0.41
13	8371655	0.41		0.41	0.41	0.41
14	8587700	0.44		0.44	0.44	0.44
15	8804476	0.44		0.44	0.44	0.44
16	9016944	0.43		0.43	0.43	0.43
17	9230475	0.44		0.44	0.44	0.44
18	9546374	0.65		0.65	0.65	0.65
19	9790402	0.50		0.50	0.50	0.50
20	9997561	0.42		0.42	0.42	0.42
21	10201071	0.42		0.42	0.42	0.42
22	10405461	0.42	0.42		0.42	0.42
23	10608036	0.41	0.41		0.41	0.41
24	10803747	0.40	0.40		0.40	0.40
25	11010475	0.42	0.42		0.42	0.42
26	11294941	0.58	0.58		0.58	0.58
27	11691639	0.81	0.81		0.81	0.81
28	12081742	0.80	0.80		0.80	0.80
29	12490697	0.84	0.84		0.84	0.84
30	12778542	0.59	0.59		0.59	0.59
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	21	<.05	1.8	<1.0	<5.0	<1.0	400	<0.20	3.0	<15
6										
7										
8										
9										
10										
11										
12	34	<.05	1.5	<1.0	<5.0	<1.0	480	<0.20	3.7	<15
13										
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	12	<100	<1.0	9.9	<5.0	0.000526	20	10	26000	5.4
6										
7										
8										
9										
10										
11										
12	24	<100	<1.0	11	<5.0	<0.0005	26	13	37000	6.6
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
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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	<0.20	<5.0	<2.0	2.5	180	30	<1.0	280000	<50	6.56
6										
7										
8										
9										
10										
11										
12	<0.20	<5.0	<2.0	2.6	74	35	<1.0	310000	<50	6.40
13										
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										253208
2										253360
3										247944
4										250272
5	8.97	10.32	44	11	3.1	380	360	0.0161	2215	245944
6										251704
7										247656
8										258856
9										246888
10										188776
11										218016
12	9.55	11.14	49	10	3.4	480	450	0.0139	2577	259640
13										263560
14										274304
15										275880
16										276528
17										274992
18										409968
19										307984
20										265776
21										258448
22										262856
23										259032
24										251672
25										265312
26										364760
27										528096
28										528024
29										537280
30										373200
31										

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	15288496
2	15541856
3	15789800
4	16040072
5	16286016
6	16537720
7	16785376
8	17044232
9	17291120
10	17479896
11	17697912
12	17957552
13	18221112
14	18495416
15	18771296
16	19047824
17	19322816
18	19732784
19	20040768
20	20306544
21	20564992
22	20827848
23	21086880
24	21338552
25	21603864
26	21968624
27	22496720
28	23024744
29	23562024
30	23935224
31	