

December 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	11.6	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
6										
7										
8										
9										
10										
11										
12	<1.9	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
13										
14										
15										
16										
17										
18										
19	<1.7	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
20										
21										
22										
23										
24										
25										
26										
27	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
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	<1.0
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										
27	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	1.4
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										7.18
2										7.14
3										7.03
4										7.22
5	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.25
6										6.98
7										6.93
8										6.97
9										7.03
10										7.04
11										6.99
12	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	6.91
13										7.04
14										6.93
15										7.08
16										6.96
17										7.04
18										7.08
19	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.04
20										6.99
21										7.09
22										7.04
23										6.91
24										7.01
25										7.46
26										6.97
27	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	6.99
28										7.02
29										7.03
30										6.97
31										7.00

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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	8.99								20.25	198423
2	8.93								18.93	188543
3	8.70								16.29	197061
4	8.70								18.97	117278
5	8.80	9.99	0.27	0.23	<0.050	4.35	<1.0	0.027	19.96	207685
6	8.87								17.86	200086
7	8.78								18.80	202330
8	8.72								13.39	71142
9	8.47								20.82	31192
10	8.54								23.87	23442
11	8.70								24.49	117720
12	8.61	10.25	0.32	0.28	<0.050	4.25	<1.0	<0.010	19.78	203390
13	8.71								20.31	199728
14	8.96								22.17	195888
15	8.80								24.64	109618
16	8.74								19.51	193736
17	8.74								20.14	196639
18	8.55								18.16	200957
19	8.45	10.05	0.27	0.22	<0.050	3.79	<1.0	<0.010	20.46	197370
20	8.51								16.08	198150
21	8.37								18.18	190748
22	8.59								16.27	186924
23	8.54								20.39	153190
24	8.16								15.73	10700
25	7.66								15.80	0
26	8.58								18.06	143625
27	8.51	11.06	0.28	0.23	<0.050	3.59	<1.0	<0.010	16.25	201070
28	8.52								18.41	124568
29	8.43								17.43	136401
30	8.73								16.15	148810
31	8.67								20.40	152794

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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	56107869	0.41	0.41	0.41	0.41	0.00
2	56296412	0.39	0.39	0.39	0.39	0.00
3	56493473	0.40	0.40	0.40	0.40	0.00
4	56610750	0.24	0.24	0.24	0.24	0.00
5	56818435	0.42	0.42	0.42	0.42	0.00
6	57018521	0.41	0.41	0.41	0.41	0.00
7	57220851	0.41	0.41	0.41	0.41	0.00
8	57291993	0.15	0.15	0.15	0.15	0.00
9	57323185	0.06	0.06	0.06	0.06	0.00
10	57346627	0.05	0.05	0.05	0.05	0.00
11	57464347	0.24	0.24	0.24	0.24	0.00
12	57667737	0.42	0.42	0.42	0.42	0.00
13	57867464	0.41	0.41	0.41	0.41	0.00
14	58063352	0.40	0.40	0.40	0.40	0.00
15	58172970	0.22	0.22	0.22	0.22	0.00
16	58366706	0.40	0.40	0.40	0.40	0.00
17	58563345	0.40	0.40	0.40	0.40	0.00
18	58764302	0.41	0.41	0.41	0.41	0.00
19	58961671	0.40	0.40	0.40	0.40	0.00
20	59159821	0.40	0.40	0.40	0.40	0.00
21	59350569	0.39	0.39	0.39	0.39	0.00
22	59537493	0.38	0.38	0.38	0.38	0.00
23	59690683	0.31	0.31	0.31	0.31	0.00
24	59701383	0.02	0.02	0.02	0.02	0.00
25	59701383	0.00	0.00	0.00	0.00	0.00
26	59845008	0.29	0.29	0.29	0.29	0.00
27	60046078	0.41	0.41	0.41	0.41	0.00
28	60170646	0.25	0.25	0.25	0.25	0.00
29	60307047	0.28	0.28	0.28	0.28	0.00
30	60455857	0.30	0.30	0.30	0.30	0.00
31	60608651	0.31	0.31	0.31	0.31	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										
4										
5	11.7	<0.05	22.2	1.9	<1.0	<1.0	589	0.26	3.9	<15
6										
7										
8										
9										
10										
11										
12	19.5	<0.05	21.5	<1.0	<1.0	<1.0	669	0.23	3.5	<15
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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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										
4										
5	12.8	140	<1.0	12.6	<5.0	<0.0005	41.4	6.9	45600	7.9
6										
7										
8										
9										
10										
11										
12	10.6	130	<1.0	<8.0	<5.0	0.000703	38.8	6.1	44200	8.1
13										
14										
15										
16										
17										
18										
19										
20										
21										
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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	4.3	177	73.6	<1.0	570000	<50	6.78
6										
7										
8										
9										
10										
12	<0.20	<5.0	<2.0	2.9	83.6	80.6	<1.0	610000	<50	6.68
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										230972
2										219537
3										230936
4										148963
5	9.20	11.08	92.6	14	5.0	647	397	0.033	3167	239843
6										234877
7										234734
8										99152
9										30487
10										26912
11										129423
12	9.08	11.29	105	19.3	5.4	612	444	0.036	3428	240013
13										231684
14										229386
15										142023
16										227422
17										229467
18										236448
19										229042
20										231766
21										221825
22										223132
23										187976
24										21001
25										0
26										158936
27										235347
28										156057
29										174013
30										158320
31										191805

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	64155537
2	64375074
3	64606009
4	64754972
5	64994816
6	65229693
7	65464427
8	65563579
9	65594067
10	65620978
11	65750402
12	65990415
13	66222099
14	66451485
15	66593508
16	66820930
17	67050398
18	67286846
19	67515888
20	67747654
21	67969479
22	68192611
23	68380587
24	68401588
25	68401588
26	68560524
27	68795871
28	68951928
29	69125941
30	69284261
31	69476066