

November 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										
8										
9										
10										
11										
12										
13										
14	<1.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
15										
16										
17										
18										
19										
20										
21	<1.1	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
22										
23										
24										
25										
26										
27										
28	<0.52	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<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										
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	<200	<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	4.6
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										7.31
2										7.31
3										7.31
4										7.31
5										7.30
6										7.30
7										7.30
8										7.29
9										7.29
10										7.29
11										7.28
12										6.88
13										6.84
14	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	6.92
15										6.97
16										7.09
17										7.05
18										7.11
19										7.01
20										7.14
21	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.03
22										7.12
23										7.26
24										7.19
25										6.96
26										7.00
27										7.11
28	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.24
29										7.10
30										7.21
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	7.32								17.11	0
2	7.31								16.73	0
3	7.31								16.35	0
4	7.31								15.97	0
5	7.31								15.59	0
6	7.30								15.20	0
7	7.30								14.82	0
8	7.30								14.44	0
9	7.29								14.06	0
10	7.29								13.68	0
11	7.29								13.30	0
12	8.57								15.27	309062
13	8.64								12.51	362203
14	8.75	11.84	<0.050	<0.050	<0.050	2.85	<1.0	<0.010	14.64	259466
15	8.66								13.29	287737
16	8.73								16.24	134288
17	8.74								13.50	198867
18	8.67								15.64	182705
19	8.94								13.15	191914
20	8.70								17.66	188342
21	8.70	10.51	0.19	0.16	<0.050	3.63	<1.0	<0.010	14.43	188841
22	8.70								17.01	122316
23	8.64								19.56	48564
24	8.70								17.40	136764
25	8.70								17.13	191458
26	8.70								20.22	179171
27	8.70								18.50	199919
28	8.70	10.01	0.31	0.26	<0.050	4.49	<1.0	<0.010	21.71	207913
29	8.70								16.22	200065
30	8.70								18.63	190569
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	52129283	0.00	0.00	0.00	0.00	0.00
2	52129283	0.00	0.00	0.00	0.00	0.00
3	52129283	0.00	0.00	0.00	0.00	0.00
4	52129283	0.00	0.00	0.00	0.00	0.00
5	52129283	0.00	0.00	0.00	0.00	0.00
6	52129283	0.00	0.00	0.00	0.00	0.00
7	52129283	0.00	0.00	0.00	0.00	0.00
8	52129283	0.00	0.00	0.00	0.00	0.00
9	52129283	0.00	0.00	0.00	0.00	0.00
10	52129283	0.00	0.00	0.00	0.00	0.00
11	52129283	0.00	0.00	0.00	0.00	0.00
12	52438345	0.63	0.63	0.63	0.00	0.63
13	52800548	0.74	0.74	0.74	0.00	0.74
14	53060014	0.53	0.53	0.53	0.00	0.53
15	53347751	0.59	0.59	0.59	0.00	0.59
16	53482038	0.27	0.27	0.27	0.00	0.27
17	53680906	0.41	0.41	0.41	0.00	0.41
18	53863611	0.37	0.37	0.37	0.00	0.37
19	54055525	0.39	0.39	0.39	0.00	0.39
20	54243867	0.38	0.38	0.38	0.00	0.38
21	54432708	0.39	0.39	0.39	0.00	0.39
22	54555024	0.25	0.25	0.25	0.00	0.25
23	54603588	0.10	0.10	0.10	0.00	0.10
24	54740352	0.28	0.28	0.28	0.00	0.28
25	54931809	0.39	0.39	0.39	0.00	0.39
26	55110980	0.37	0.37	0.37	0.00	0.37
27	55310899	0.41	0.41	0.41	0.00	0.41
28	55518812	0.42	0.42	0.42	0.00	0.42
29	55718877	0.41	0.41	0.41	0.00	0.41
30	55909446	0.39	0.39	0.39	0.00	0.39
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										
8										
9										
10										
11										
12										
13										
14	16.7	<0.05	27	<1.0	<1.0	<1.0	570	<0.20	3.0	<15
15										
16										
17										
18										
19										
20										
21	14	<0.05	25.8	1.1	<1.0	<1.0	702	<0.20	4.2	<15
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										
8										
9										
10										
11										
12										
13										
14	14.8	130	<1.0	13.3	<5.0	0.00158	33.1	4.7	40900	8.5
15										
16										
17										
18										
19										
20										
21	19.6	<100	<1.0	16.4	<5.0	0.00167	35.3	5.8	42100	8.7
22										
23										
24										
25										
26										
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	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										
8										
9										
10										
11										
12										
13										
14	<0.20	<5.0	<2.0	2.6	179	77.3	<1.0	594000	<50	3.72
15										
16										
17										
18										
19										
20										
21	<0.20	<5.0	<2.0	2.1	128	77.4	<1.0	593000	<50	6.39
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										0
2										0
3										0
4										0
5										0
6										0
7										0
8										0
9										18681
10										28251
11										11801
12										186047
13										215602
14	10.83	12.00	99.6	17	5.3	515	326	0.028	3028	161004
15										228657
16										156492
17										235367
18										212640
19										226795
20										218096
21	9.36	11.28	98.4	15.8	5.2	600	400	0.033	3283	220304
22										159812
23										58831
24										149236
25										222311
26										208826
27										235098
28										240819
29										233797
30										221863
31										

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	60074235
2	60074235
3	60074235
4	60074235
5	60074235
6	60074235
7	60074235
8	60074235
9	60092916
10	60121167
11	60132968
12	60319015
13	60534616
14	60695620
15	60924277
16	61080769
17	61316137
18	61528777
19	61755572
20	61973668
21	62193971
22	62353784
23	62412615
24	62561851
25	62784162
26	62992988
27	63228086
28	63468905
29	63702702
30	63924565
31	