

September 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	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
7										
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	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
21										
22										
23										
24										
25										
26										
27	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<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										
6	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<b>1.2</b>
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	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<b>210</b>	<1.0
21										
22										
23										
24										
25										
26										
27	<b>2.2</b>	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
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										7.30
2										
3										
4										7.26
5										7.27
6	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.17
7										7.16
8										7.12
9										7.04
10										6.96
11										6.90
12										7.15
13										6.77
14	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.20
15										7.15
16										7.20
17										7.17
18										7.22
19										7.27
20	<0.20	<5.0	<2.0	<1.0	<10	<b>0.068</b>	<1.0	<5000	<50	7.05
21										7.06
22										7.31
23										7.48
24										7.03
25										7.37
26										7.19
27	<0.20	<5.0	<2.0	<1.0	<10	<b>0.077</b>	<1.0	<5000	<50	7.32
28										7.17
29										7.14
30										7.20
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	7.91								34.92	35517
2										0
3										0
4	8.00								31.73	67678
5	8.11								28.90	168679
6	7.96	8.37	0.26	0.26	<0.05	6.1	<1.0	<0.01	24.85	329599
7	8.14								24.08	367529
8	8.23								24.76	388049
9	8.53								23.89	348098
10	8.28								24.05	388753
11	8.47								20.41	382314
12	8.31								21.42	384322
13	8.22								23.13	282937
14	8.22	8.81	0.19	0.19	<0.05	5.1	2.6	<0.01	21.71	401695
15	8.57								25.48	162875
16	8.24								23.84	332024
17	8.21								22.51	401938
18	8.54								25.18	381791
19	8.33								25.96	386650
20	8.48	7.84	0.36	0.29	<0.05	6.0	<1.0	<0.01	25.62	223988
21	8.52								25.47	123698
22	8.28								30.45	44071
23	8.66								32.57	51607
24	8.20								32.19	49706
25	8.41								31.34	90235
26	8.30								28.00	71549
27	8.36	8.29	0.36	0.28	<0.05	6.3	<1.0	<0.01	27.72	60051
28	8.35								27.61	54738
29	8.46								25.38	77105
30	8.41								24.54	96619
31	8.66								26.35	401938

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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	33650473	0.07	0.00	0.07	0.07	0.07
2	33650473	0.00	0.00	0.00	0.00	0.00
3	33650473	0.00	0.00	0.00	0.00	0.00
4	33718151	0.14	0.00	0.14	0.14	0.14
5	33886830	0.34	0.00	0.34	0.34	0.34
6	34216430	0.67	0.00	0.67	0.67	0.67
7	34583958	0.75	0.00	0.75	0.75	0.75
8	34972007	0.79	0.00	0.79	0.79	0.79
9	35320105	0.71	0.00	0.71	0.71	0.71
10	35708859	0.79	0.00	0.79	0.79	0.79
11	36091173	0.78	0.00	0.78	0.78	0.78
12	36475495	0.78	0.00	0.78	0.78	0.78
13	36758432	0.58	0.00	0.58	0.58	0.58
14	37160127	0.82	0.00	0.82	0.82	0.82
15	37323002	0.33	0.00	0.33	0.33	0.33
16	37655026	0.68	0.00	0.68	0.68	0.68
17	38056964	0.82	0.00	0.82	0.82	0.82
18	38438756	0.78	0.00	0.78	0.78	0.78
19	38825405	0.79	0.00	0.79	0.79	0.79
20	39049394	0.46	0.00	0.46	0.46	0.46
21	39173092	0.25	0.00	0.25	0.25	0.25
22	39217162	0.09	0.00	0.09	0.09	0.09
23	39268770	0.11	0.00	0.11	0.11	0.11
24	39318476	0.10	0.00	0.10	0.10	0.10
25	39408711	0.18	0.00	0.18	0.18	0.18
26	39480260	0.15	0.00	0.15	0.15	0.15
27	39540311	0.12	0.00	0.12	0.12	0.12
28	39595049	0.11	0.00	0.11	0.11	0.11
29	39672154	0.16	0.00	0.16	0.16	0.16
30	39768773	0.20	0.20	0.00	0.20	0.20
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	<2.0	<0.05	2.5	1.2	<5.0	<1.0	1100	<0.20	3.0	<15
7										
8										
9										
10										
11										
12										
13										
14	<2.0	<0.05	2.3	1.1	<5.0	<1.0	1000	<0.20	2.4	<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	5.9	120	<1.0	11	<5.0	<0.0005	28	21	43000	5.7
7										
8										
9										
10										
11										
12										
13										
14	4.8	110	<1.0	8.4	<5.0	<0.0005	25	21	38000	5.1
15										
16										
17										
18										
19										
20										
21										
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	<0.20	<5.0	<2.0	2.6	89	41	<1.0	520000	<50	5.78
7										
8										
9										
10										
11										
12										
13										
14	<0.20	<5.0	<2.0	2.5	21	44	<1.0	490000	<50	7.37
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										49200
2										120
3										112
4										100872
5										197000
6	9.08	8.34	47	5.4	0.69	430	220	0.0121	2097	419744
7										464048
8										487456
9										443888
10										487872
11										484752
12										485504
13										306240
14	8.41	8.75	51	3.7	3.5	450	250	0.0174	2446	505312
15										222272
16										424896
17										505616
18										482080
19										491488
20									505616	292112
21										165440
22										48128
23										71008
24										61040
25										102304
26										106304
27										77264
28										69840
29										102048
30										116176
31										

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<b>PARAMETER</b>	<b>Influent Flow (US GPY)</b>
<b>CODE</b>	<b>90028</b>
<b>Monitoring Point</b>	<b>EQ-1</b>
<b>STAGE</b>	<b>G</b>
1	43680272
2	43680392
3	43680504
4	43781376
5	43978376
6	44398120
7	44862168
8	45349624
9	45793512
10	46281384
11	46766136
12	47251640
13	47557880
14	48063192
15	48285464
16	48710360
17	49215976
18	49698056
19	50189544
20	50481656
21	50647096
22	50695224
23	50766232
24	50827272
25	50929576
26	51035880
27	51113144
28	51182984
29	51285032
30	51401208
31	