

January 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	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
5										
6										
7										
8										
9										
10	2.4	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
11										
12										
13										
14										
15										
16										
17	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
18										
19										
20										
21										
22										
23										
24	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
25										
26										
27										
28										
29										
30										
31	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15

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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	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
5										
6										
7										
8										
9										
10	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
11										
12										
13										
14										
15										
16										
17	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
18										
19										
20										
21										
22										
23										
24	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
25										
26										
27										
28										
29										
30										
31	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	1.5

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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										7.16
2										7.15
3										7.18
4	<0.20	<5.0	<2.0	<1.0	<10	0.067	<1.0	<5000	<50	6.94
5										6.98
6										6.84
7										6.73
8										7.17
9										6.99
10	<0.20	<5.0	<2.0	<1.0	<10	0.20	<1.0	<5000	<50	6.93
11										7.54
12										7.46
13										7.23
14										7.20
15										6.97
16										7.34
17	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.32
18										7.23
19										7.22
20										7.27
21										7.11
22										7.03
23										6.99
24	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.09
25										7.03
26										6.93
27										7.07
28										7.20
29										7.34
30										7.33
31	<0.20	<5.0	<2.0	<1.0	<10	0.074	<1.0	<5000	<50	7.31

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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	8.64								27.32	62504
2	8.46								23.78	73094
3	8.55								25.55	77294
4	8.48	10.82	0.49	0.42	<0.05	5.0	<1.0	<0.01	20.61	200904
5	8.74								20.77	91353
6	8.58								26.54	163747
7	8.50								29.27	130101
8	8.45								34.84	123431
9	8.59								28.90	127382
10	8.43	9.59	0.74	0.54	<0.05	4.9	<1.0	<0.01	26.79	143812
11	8.59								27.94	48260
12	8.50								40.23	52373
13	8.48								41.48	99673
14	8.56								24.66	153673
15	8.70								33.79	80365
16	8.53								35.25	53356
17	8.78	8.84	0.69	0.69	<0.050	6.4	<1.0	<0.01	33.66	87226
18	8.52								31.01	189410
19	8.39								24.94	40068
20	8.74								30.07	56292
21	8.89								25.84	214127
22	8.77								20.88	213662
23	8.63								21.16	207572
24	8.53	9.49	0.75	0.75	<0.050	4.8	<1.0	<0.01	26.59	209324
25	8.47								20.99	215428
26	8.46								20.36	217729
27	8.40								26.07	196796
28	8.44								21.86	77432
29	8.39								26.64	58085
30	8.37								30.28	119684
31	8.40	9.60	0.96	0.89	<0.050	6.2	<1.0	<0.01	29.13	71608

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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	62504	0.00	0.13	0.13	0.13	0.13
2	135598	0.00	0.15	0.15	0.15	0.15
3	212891	0.00	0.16	0.16	0.16	0.16
4	413795	0.00	0.41	0.41	0.41	0.41
5	505148	0.00	0.19	0.19	0.19	0.19
6	668895	0.00	0.33	0.33	0.33	0.33
7	798996	0.00	0.27	0.27	0.27	0.27
8	922426	0.00	0.25	0.25	0.25	0.25
9	1049808	0.00	0.26	0.26	0.26	0.26
10	1193620	0.00	0.29	0.29	0.29	0.29
11	1241880	0.00	0.10	0.10	0.10	0.10
12	1294253	0.00	0.11	0.11	0.11	0.11
13	1393926	0.00	0.20	0.20	0.20	0.20
14	1547598	0.00	0.31	0.31	0.31	0.31
15	1627963	0.00	0.16	0.16	0.16	0.16
16	1681319	0.00	0.11	0.11	0.11	0.11
17	1768545	0.00	0.18	0.18	0.18	0.18
18	1957955	0.00	0.39	0.39	0.39	0.39
19	1998023	0.00	0.08	0.08	0.08	0.08
20	2054315	0.00	0.11	0.11	0.11	0.11
21	2268442	0.00	0.44	0.44	0.44	0.44
22	2482104	0.00	0.44	0.44	0.44	0.44
23	2689676	0.00	0.42	0.42	0.42	0.42
24	2899000	0.00	0.43	0.43	0.43	0.43
25	3114429	0.00	0.44	0.44	0.44	0.44
26	3332157	0.00	0.44	0.44	0.44	0.44
27	3528953	0.00	0.40	0.40	0.40	0.40
28	3606385	0.00	0.16	0.16	0.16	0.16
29	3664470	0.00	0.12	0.12	0.12	0.12
30	3784154	0.00	0.24	0.24	0.24	0.24
31	3855762	0.00	0.15	0.15	0.15	0.15

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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	<b>30</b>	<0.05	<b>10</b>	<1.0	<5.0	<1.0	<b>1100</b>	<0.20	<b>16</b>	<15
5										
6										
7										
8										
9										
10	<b>31</b>	<0.05	<b>9.0</b>	<b>1.2</b>	<5.0	<1.0	<b>1200</b>	<0.20	<b>5.4</b>	<15
11										
12										
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	55	200	2.3	12	<5.0	0.00105	58	18	52000	9.9
5										
6										
7										
8										
9										
10	53	190	<1.0	16	<5.0	0.00124	57	14	60000	11
11										
12										
13										
14										
15										
16										
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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	<0.20	<5.0	<2.0	2.9	250	74	<1.0	760000	88	6.73
5										
6										
7										
8										
9										
10	<0.20	<5.0	<2.0	3.1	100	70	<1.0	700000	76	6.13
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
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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										66861
2										82347
3										86094
4	8.96	11.71	110	24	7.1	880	720	0.025	4274	242631
5										119003
6										176281
7										164990
8										149270
9										133100
10	9.44	11.47	110	33	6.8	790	640	0.0259	4056	180441
11										42811
12										71079
13										97975
14										190501
15										73201
16										73901
17										94113
18										232056
19										46449
20										92774
21										250836
22										245857
23										237946
24										244319
25										249631
26										247769
27										243250
28										74118
29										70463
30										136075
31										93410

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	66861
2	149207
3	235301
4	477932
5	596936
6	773216
7	938206
8	1087476
9	1220576
10	1401017
11	1443828
12	1514907
13	1612882
14	1803383
15	1876584
16	1950485
17	2044597
18	2276654
19	2323102
20	2415876
21	2666713
22	2912569
23	3150516
24	3394834
25	3644465
26	3892234
27	4135483
28	4209602
29	4280064
30	4416139
31	4509549