

July 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	<0.87	<0.05	<1.0	<1.0	<1.0	<1.0	<20	<0.20	<1.0	<15
6										
7										
8										
9										
10										
11	0.72	<0.05	<1.0	<1.0	<1.0	<1.0	<20	<0.20	<1.0	<15
12										
13										
14										
15										
16										
17										
18	<0.85	<0.05	<1.0	<1.0	<1.0	<1.0	<20	<0.20	<1.0	<15
19										
20										
21										
22										
23										
24	<0.36	<0.05	<1.0	<1.0	<1.0	<1.0	<20	<0.20	<1.0	<15
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	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	359	<1.0
6										
7										
8										
9										
10										
11	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	285	<1.0
12										
13										
14										
15										
16										
17										
18	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	394	<1.0
19										
20										
21										
22										
23										
24	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	270	<1.0
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	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	1	1	1	1	1	1	1	1	1	1
1										7.57
2										7.37
3										7.42
4										7.41
5	<0.20	<5.0	<2.0	<1.0	<10	0.077	<1.0	<5000	<50	7.46
6										7.58
7										7.53
8										7.38
9										7.37
10										7.46
11	<0.20	<5.0	<2.0	<1.0	<10	0.073	<1.0	<5000	<50	7.51
12										7.25
13										7.26
14										7.22
15										7.33
16										7.45
17										7.33
18	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.39
19										7.45
20										7.43
21										7.40
22										7.50
23										7.30
24	<0.20	<5.0	<2.0	<1.0	<10	0.078	<1.0	<5000	<50	7.19
25										7.16
26										7.47
27										7.24
28										7.24
29										7.50
30										7.46
31										7.34

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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	8.40								48.98	31246
2	8.57								41.74	97256
3	8.32								53.57	207584
4	8.33								57.53	155368
5	8.43	8.67	1.3	1.2	<0.05	10.4	<1.0	0.019	57.45	104922
6	8.44								65.50	62803
7	8.38								59.38	75623
8	8.24								52.47	164507
9	8.49								44.00	122151
10	8.37								53.38	53662
11	8.50	7.08	1.5	1.4	<0.05	9.66	3.6	<0.010	59.95	122717
12	8.39								52.64	213524
13	8.41								58.54	212528
14	8.30								43.74	209175
15	8.49								47.71	203693
16	8.32								66.09	71444
17	8.44								54.67	90819
18	8.43	7.64	1.6	1.5	<0.05	10.4	<1.0	0.02	55.45	133022
19	8.40								51.88	179140
20	8.36								43.69	127615
21	8.46								46.79	200511
22	8.44								56.85	216597
23	8.36								47.63	208294
24	8.40	9.09	0.64	0.56	<0.05	8.27	<1.0	<0.010	36.16	165741
25	8.43								52.48	205150
26	8.15								60.80	1364
27	8.31								58.17	73429
28	8.40								43.51	205864
29	8.35								63.72	174208
30	8.71								69.14	49865
31	8.39								48.09	213407

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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	30262663	0.06	0.06	0.06	0.00	0.06
2	30359919	0.20	0.20	0.20	0.00	0.20
3	30567504	0.42	0.42	0.42	0.00	0.42
4	30722871	0.32	0.32	0.32	0.00	0.32
5	30827794	0.21	0.21	0.21	0.21	0.00
6	30890597	0.13	0.13	0.13	0.13	0.00
7	30966220	0.15	0.15	0.15	0.15	0.00
8	31130727	0.34	0.34	0.34	0.34	0.00
9	31252879	0.25	0.25	0.25	0.25	0.00
10	31306541	0.11	0.11	0.11	0.11	0.00
11	31429257	0.25	0.25	0.25	0.25	0.00
12	31642781	0.44	0.44	0.44	0.44	0.00
13	31855309	0.43	0.43	0.43	0.43	0.00
14	32064485	0.43	0.43	0.43	0.43	0.00
15	32268178	0.42	0.42	0.42	0.42	0.00
16	32339622	0.15	0.15	0.15	0.15	0.00
17	32430441	0.19	0.19	0.19	0.19	0.00
18	32563464	0.27	0.27	0.27	0.27	0.00
19	32742604	0.37	0.37	0.37	0.37	0.00
20	32870219	0.26	0.26	0.26	0.26	0.00
21	33070729	0.41	0.41	0.41	0.41	0.00
22	33287326	0.44	0.44	0.44	0.44	0.00
23	33495620	0.43	0.43	0.43	0.43	0.00
24	33661362	0.34	0.34	0.34	0.34	0.00
25	33866512	0.42	0.42	0.42	0.42	0.00
26	33867876	0.00	0.00	0.00	0.00	0.00
27	33941305	0.15	0.15	0.15	0.15	0.00
28	34147169	0.42	0.42	0.42	0.42	0.00
29	34321377	0.36	0.36	0.36	0.36	0.00
30	34371242	0.10	0.10	0.10	0.10	0.00
31	34584649	0.44	0.44	0.44	0.44	0.00