

April 2018  
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)	Total Copper (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042
Monitoring Point	EQ-1	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
1	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0
2											
3											
4											
5											
6											
7											
8	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0
9											
10											
11											
12											
13											
14											
15	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0
16											
17											
18											
19											
20											
21											
22	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0
23											
24											
25											
26											
27											
28											
29											
30	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0
31											

April 2018  
WTP Effluent Sample Results

PARAMETER	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)	Total Silver (µg/L)	Total Strontium (µg/L)
CODE	00951	01051	01132	01055	71900	01062	01067	00937	01147	01077	01082
Monitoring Point	EQ-1	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
1	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0	<0.20	<5.0
2											
3											
4											
5											
6											
7											
8	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	200	<1.0	<0.20	<5.0
9											
10											
11											
12											
13											
14											
15	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	219	<1.0	<0.20	<5.0
16											
17											
18											
19											
20											
21											
22	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	217	<1.0	<0.20	<5.0
23											
24											
25											
26											
27											
28											
29											
30	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0	<0.20	<5.0
31											

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PARAMETER	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)	pH (maximum)	Dissolved Oxygen (mg/L)	Total Inorganic Nitrogen (mg/L)
CODE	01059	01087	01092	00620	22706	81020	01045	99991	99992	00300	09001
Monitoring Point	EQ-1	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
1	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	7.11	8.48	9.00	0.55
2								7.01	8.29		
3								6.99	8.75		
4								6.99	8.35		
5								7.10	8.23		
6								7.02	8.20		
7								7.10	8.32		
8	<2.0	<1.0	<10.0	0.071	<1.0	<5000	<50.0	7.17	8.14	8.71	0.83
9								6.99	8.43		
10								7.06	8.07		
11								6.98	8.30		
12								7.11	8.26		
13								7.16	8.24		
14								7.39	8.26		
15	<2.0	<1.0	<10.0	<0.050	<1.0	<5000	<50.0	7.34	8.45	8.60	1.1
16								7.27	8.34		
17								7.31	8.21		
18								7.23	8.36		
19								7.24	8.23		
20								7.01	8.45		
21								7.17	8.39		
22	<2.0	<1.0	<10.0	0.14	<1.0	<5000	<50.0	7.29	8.31	8.40	1.0
23								7.39	8.58		
24								7.48	8.32		
25								7.48	8.34		
26								7.01	8.44		
27								7.37	8.29		
28								7.37	8.24		
29								7.45	8.40		
30	<2.0	<1.0	<10.0	0.079	<1.0	<5000	<50.0	7.21	8.44	7.61	0.94
31								7.41	8.19		

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PARAMETER	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)	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)
CODE	90002	90004	90005	90006	90007	90019	90027	90028	90010	90010	90010
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	RI 1	RI 2	RI 3
STAGE	1	1	1	1	1	1	1	1	RI	RI	RI
1	<b>0.53</b>	<0.050	<b>5.82</b>	<1.0	<b>0.020</b>	29.75	385554	15968061	0.79	0.79	0.79
2						27.22	412536	16380598	0.84	0.84	0.84
3						25.18	411265	16791863	0.84	0.84	0.84
4						35.77	288508	17080371	0.59	0.59	0.59
5						37.77	144585	17224956	0.30	0.30	0.30
6						38.05	150874	17375830	0.31	0.31	0.31
7						38.04	201639	17577469	0.41	0.41	0.41
8	<b>0.76</b>	<0.050	<b>8.11</b>	<1.0	<0.010	44.14	206092	17783561	0.42	0.42	0.42
9						34.47	202357	17985918	0.41	0.41	0.41
10						31.23	201018	18186935	0.41	0.41	0.41
11						28.58	200020	18386955	0.41	0.41	0.41
12						31.38	196146	18583101	0.40	0.40	0.40
13						34.54	198445	18781546	0.41	0.41	0.41
14						47.29	114795	18896340	0.23	0.23	0.23
15	<b>1.0</b>	<0.050	<b>9.52</b>	<1.0	<b>0.011</b>	43.02	100464	18996805	0.21	0.21	0.21
16						41.12	65853	19062658	0.13	0.13	0.13
17						47.82	57066	19119724	0.12	0.12	0.12
18						36.88	97975	19217698	0.20	0.20	0.20
19						38.56	156916	19374614	0.32	0.32	0.32
20						39.28	97565	19472179	0.20	0.20	0.20
21						41.88	146196	19618375	0.30	0.30	0.30
22	<b>0.87</b>	<0.050	<b>8.85</b>	<1.0	<b>0.037</b>	43.50	166440	19784815	0.34	0.34	0.34
23						47.73	70695	19855510	0.14	0.14	0.14
24						59.42	91007	19946517	0.19	0.19	0.19
25						59.73	74650	20021167	0.15	0.15	0.15
26						49.00	198237	20219404	0.40	0.40	0.40
27						43.12	193282	20412686	0.39	0.39	0.39
28						50.39	201839	20614525	0.41	0.41	0.41
29						50.50	201453	20815978	0.41	0.41	0.41
30	<b>0.86</b>	<0.050	<b>10.0</b>	<1.0	<b>0.017</b>	50.47	146368	20962346	0.30	0.30	0.30
31						56.31	65322	21027667	0.13	0.13	0.13

April 2018  
WTP Effluent Sample Results

PARAMETER	Land Application Rate (gal/day/sq ft)	Land Application Rate (gal/day/sq ft)
CODE	90010	90010
Monitoring Point	RI 4	RI 5
STAGE	RI	RI
1	0.79	0.00
2	0.84	0.00
3	0.84	0.00
4	0.59	0.00
5	0.30	0.00
6	0.31	0.00
7	0.41	0.00
8	0.42	0.00
9	0.41	0.00
10	0.41	0.00
11	0.41	0.00
12	0.40	0.00
13	0.41	0.00
14	0.23	0.00
15	0.21	0.00
16	0.13	0.00
17	0.12	0.00
18	0.20	0.00
19	0.32	0.00
20	0.20	0.00
21	0.30	0.00
22	0.34	0.00
23	0.14	0.00
24	0.19	0.00
25	0.15	0.00
26	0.40	0.00
27	0.39	0.00
28	0.41	0.00
29	0.41	0.00
30	0.30	0.00
31	0.13	0.00

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WTP RO Influent 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)	Total Copper (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042
Monitoring Point	EQ-1	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	G
1	<3.0	<0.05	13.7	<1.0	<1.0	<1.0	450	<0.20	3.6	<15.0	3.0
2											
3											
4											
5											
6											
7											
8	<3.0	<0.05	15.3	1.0	<1.0	<1.0	563	<0.20	4.1	<15.0	2.9
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11											
12											
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CODE	00951	01051	01132	01055	71900	01062	01067	00937	01147	01077	01082
Monitoring Point	EQ-1	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	G
1	140	<1.0	9.8	<5.0	<0.0005	37.4	4.6	31000	3.4	<0.20	<5.0
2											
3											
4											
5											
6											
7											
8	140	<1.0	12.2	<5.0	<0.0005	43.1	4.1	40700	6.8	<0.20	<5.0
9											
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CODE	01059	01087	01092	00620	22706	81020	01045	99991	99992	00300	09001
Monitoring Point	EQ-1	EQ-1	EQ-1	IF-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	G
1	<2.0	3.1	209	54.9	<1.0	288000	<50.0	6.60	9.34	9.44	84.5
2											
3											
4											
5											
6											
7											
8	<2.0	3.8	86.6	63.2	<1.0	358000	<50.0	6.82	9.89	8.62	90.6
9											
10											
11											
12											
13											
14											
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PARAMETER	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)	Influent Flow (US GPY)
CODE	90002	90004	90005	90006	90007	90019	90027	90028
Monitoring Point	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
1	25.9	3.7	476	398	0.042	2,607	212,277	17430171
2							236,759	17666930
3							235,682	17902612
4							227,243	18129856
5							161,270	18291125
6							166,852	18457977
7							222,125	18680102
8	22.8	4.6	583	468	0.058	3,012	226,651	18906752
9							220,634	19127386
10							221,751	19349137
11							218,563	19567700
12							222,057	19789757
13							215,650	20005408
14							140,635	20146043
15							114,258	20260301
16							81,410	20341711
17							80,472	20422183
18							93,610	20515793
19							174,043	20689836
20							119,287	20809123
21							164,694	20973817
22							181,964	21155781
23							93,912	21249694
24							98,722	21348416
25							97,999	21446415
26							214,581	21660997
27							213,793	21874790
28							221,207	22095996
29							223,486	22319483
30							176,467	22495950
31							74,643	22570593