

July 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)	Total Fluoride (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042	00951
Monitoring Point	EQ-1	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
1												
2												
3												
4												
5	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	43.2	<0.20	<1.0	<15.0	<1.0	<100
6												
7												
8												
9												
10	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	68.9	<0.20	<1.0	<15.0	<1.0	<100
11												
12												
13												
14												
15												
16												
17	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	35.2	<0.20	<1.0	<15.0	<1.0	<100
18												
19												
20												
21												
22												
23												
24	<3.0	<0.05	<1.0	<1.0	<1.0	<1.0	42.4	<0.20	<1.0	<15.0	<1.0	<100
25												
26												
27												
28												
29												
30												
31												
MIN	0	0	0	0	0	0	35.2	0	0	0	0	0
MAX	0	0	0	0	0	0	68.9	0	0	0	0	0
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	47.425	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

July 2018
WTP Effluent Sample Results

PARAMETER	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)	Total Thallium (µg/L)	Total Vanadium (µg/L)
CODE	01051	01132	01055	71900	01062	01067	00937	01147	01077	01082	01059	01087
Monitoring Point	EQ-1	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
1												
2												
3												
4												
5	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	275	<1.0	<0.20	<5.0	<2.0	<1.0
6												
7												
8												
9												
10	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	260	<1.0	<0.20	<5.0	<2.0	<1.0
11												
12												
13												
14												
15												
16												
17	<1.0	<8.0	<5.0	<0.00019	<5.0	<2.0	<200	<1.0	<0.20	<5.0	<2.0	<1.0
18												
19												
20												
21												
22												
23												
24	<1.0	<8.0	<5.0	ND	<5.0	<2.0	<200	<1.0	<0.20	<5.0	<2.0	<1.0
25												
26												
27												
28												
29												
30												
31												
MIN	0	0	0	0	0	0	260	0	0	0	0	0
MAX	0	0	0	0	0	0	275	0	0	0	0	0
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	267.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

July 2018
WTP Effluent Sample Results

PARAMETER	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)	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)
CODE	01092	00620	22706	81020	01045	99991	99992	00300	09001	90002	90004	90005
Monitoring Point	EQ-1	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
1						7.27	8.07					
2						7.07	8.24					
3						7.26	8.07					
4						7.22	8.10					
5	<10.0	0.056	<1.0	<5000	<50.0	7.19	8.06	7.70	0.90	0.84	<0.050	8.62
6						7.24	8.01					
7						7.22	8.05					
8						7.37	8.28					
9						7.35	8.57					
10	<10.0	0.091	<1.0	<5000	<50.0	7.22	8.17	7.53	1.1	0.96	<0.050	9.29
11						7.22	8.39					
12						7.07	8.02					
13						7.04	8.07					
14						6.96	8.11					
15						7.13	8.05					
16						7.16	8.18					
17	<10.0	0.12	<1.0	<5000	<50.0	7.02	8.24	7.90	0.45	0.32	<0.050	6.57
18						7.09	8.17					
19						7.26	8.14					
20						7.23	8.07					
21						7.23	8.06					
22						7.10	8.30					
23						7.35	7.94					
24	<10.0	0.16	<1.0	<5000	<50.0	7.42	8.35	7.39	0.85	0.66	<0.050	6.99
25						7.41	8.54					
26						7.14	8.16					
27						7.03	8.09					
28						7.00	8.13					
29						7.17	8.22					
30						7.15	8.34					
31						7.28	8.24					
MIN	0	0.056	0	0	0	6.96	7.94	7.39	0.45	0.32	0	6.57
MAX	0	0.16	0	0	0	7.42	8.57	7.9	1.1	0.96	0	9.29
AVERAGE	#DIV/0!	0.10675	#DIV/0!	#DIV/0!	#DIV/0!	7.19	8.17	7.63	0.825	0.695	#DIV/0!	7.8675

July 2018
WTP Effluent Sample Results

PARAMETER	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)	Land Application Rate (gal/day/sq ft)	Land Application Rate (gal/day/sq ft)
CODE	90006	90007	90019	90027	90028	90010	90010	90010	90010	90010
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	RI 1	RI 2	RI 3	RI 4	RI 5
STAGE	1	1	1	1	1	RI	RI	RI	RI	RI
1			39.18	142,247	25,729,710	0.29	0.29	0.29	0.29	0.00
2			35.51	178,021	25,907,731	0.36	0.36	0.36	0.36	0.00
3			43.50	208,798	26,116,529	0.43	0.43	0.43	0.43	0.00
4			39.66	194,991	26,311,520	0.40	0.40	0.40	0.40	0.00
5	<1.0	<0.010	41.85	206,100	26,517,620	0.42	0.42	0.42	0.42	0.00
6			43.58	201,992	26,719,611	0.41	0.41	0.41	0.41	0.00
7			47.61	195,932	26,915,543	0.40	0.40	0.40	0.40	0.00
8			51.54	30,111	26,945,654	0.06	0.06	0.06	0.06	0.00
9			51.89	50,490	26,996,144	0.10	0.10	0.10	0.10	0.00
10	1.1	0.030	45.73	88,672	27,084,816	0.18	0.18	0.18	0.18	0.00
11			41.46	71,551	27,156,367	0.15	0.15	0.15	0.15	0.00
12			35.80	136,980	27,293,347	0.28	0.28	0.28	0.28	0.00
13			26.51	205,592	27,498,939	0.42	0.42	0.42	0.42	0.00
14			28.01	199,416	27,698,355	0.41	0.41	0.41	0.41	0.00
15			31.14	204,385	27,902,740	0.42	0.42	0.42	0.42	0.00
16			34.49	203,512	28,106,252	0.42	0.42	0.42	0.42	0.00
17	<1.0	0.010	26.63	199,518	28,305,770	0.41	0.41	0.41	0.41	0.00
18			32.41	105,166	28,410,936	0.21	0.21	0.21	0.21	0.00
19			36.80	79,750	28,490,686	0.16	0.16	0.16	0.16	0.00
20			38.00	203,370	28,694,056	0.42	0.42	0.42	0.42	0.00
21			39.33	78,710	28,772,766	0.16	0.16	0.16	0.16	0.00
22			39.91	38,112	28,810,878	0.08	0.08	0.08	0.08	0.00
23			33.34	15,072	28,825,950	0.03	0.03	0.03	0.03	0.00
24	1.4	<0.010	45.24	37,868	28,863,818	0.08	0.08	0.08	0.08	0.00
25			56.29	42,406	28,906,224	0.09	0.09	0.09	0.09	0.00
26			57.58	124,889	29,031,113	0.26	0.26	0.26	0.26	0.00
27			40.77	195,378	29,226,492	0.40	0.40	0.40	0.40	0.00
28			28.22	163,109	29,389,600	0.33	0.33	0.33	0.33	0.00
29			36.14	33,000	29,422,600	0.07	0.07	0.07	0.07	0.00
30			40.49	29,450	29,452,050	0.06	0.06	0.06	0.06	0.00
31			40.22	156,867	29,608,917	0.32	0.32	0.32	0.32	0.00
MIN	1.1	0.01	26.51045649	15071.94676	25729709.86	0.03	0.03	0.03	0.03	0
MAX	1.4	0.03	57.58086228	208798.293	29608917.19	0.43	0.43	0.43	0.43	0
AVERAGE	1.25	0.02	39.638848	129724.3287	27906862.39	0.26	0.26	0.26	0.26	0

July 2018
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)	Total Fluoride (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042	00951
Monitoring Point	EQ-1	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	G
1												
2												
3												
4												
5	4.4	<0.05	9.3	<1.0	<1.0	<1.0	855	<0.20	1.5	<15.0	3.2	<100
6												
7												
8												
9												
10	3.9	<0.05	10.0	<1.0	<1.0	<1.0	990	<0.20	1.5	<15.0	3.2	<100
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MIN	3.9	0.0	9.3	0.0	0.0	0.0	855.0	0.0	1.5	0.0	3.2	0.0
MAX	4.4	0.0	10.0	0.0	0.0	0.0	990.0	0.0	1.5	0.0	3.2	0.0
AVERAGE	4.2	#DIV/0!	9.7	#DIV/0!	#DIV/0!	#DIV/0!	922.5	#DIV/0!	1.5	#DIV/0!	3.2	#DIV/0!

July 2018
WTP RO Influent Sample Results

PARAMETER	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)	Total Thallium (µg/L)	Total Vanadium (µg/L)
CODE	01051	01132	01055	71900	01062	01067	00937	01147	01077	01082	01059	01087
Monitoring Point	EQ-1	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	G
1												
2												
3												
4												
5	<1.0	17.8	<5.0	<0.00050	23.8	19.6	34700	8.5	<0.20	<5.0	<2.0	1.1
6												
7												
8												
9												
10	<1.0	25.1	<5.0	<0.00051	23.1	20.7	37900	10.3	<0.20	<5.0	<2.0	<1.0
11												
12												
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
MIN	0.0	17.8	0.0	0.0	23.1	19.6	34700.0	8.5	0.0	0.0	0.0	1.1
MAX	0.0	25.1	0.0	0.0	23.8	20.7	37900.0	10.3	0.0	0.0	0.0	1.1
AVERAGE	#DIV/0!	21.5	#DIV/0!	#DIV/0!	23.5	20.2	36300.0	9.4	#DIV/0!	#DIV/0!	#DIV/0!	1.1

July 2018
WTP RO Influent Sample Results

PARAMETER	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)	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)
CODE	01092	00620	22706	81020	01045	99991	99992	00300	09001	90002	90004	90005
Monitoring Point	EQ-1	IF-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	G
1						7.27	8.07					
2						7.07	8.24					
3						7.26	8.07					
4						7.22	8.10					
5	127	68.8	<1.0	449000	<50.0	7.19	8.06	7.92	92.0	17.2	6.0	585
6						7.24	8.01					
7						7.22	8.05					
8						7.37	8.28					
9						7.35	8.57					
10	71.9	74.5	<1.0	478000	<50.0	7.22	8.17	7.72	97.5	15.6	7.4	646
11						7.22	8.39					
12						7.07	8.02					
13						7.04	8.07					
14						6.96	8.11					
15						7.13	8.05					
16						7.16	8.18					
17						7.02	8.24					
18						7.09	8.17					
19						7.26	8.14					
20						7.23	8.07					
21						7.23	8.06					
22						7.10	8.30					
23						7.35	7.94					
24						7.42	8.35					
25						7.41	8.54					
26						7.14	8.16					
27						7.03	8.09					
28						7.00	8.13					
29						7.17	8.22					
30						7.15	8.34					
31						7.28	8.24					
MIN	71.9	68.8	0.0	449000.0	0.0	6.96	7.94	7.7	92.0	15.6	6.0	585.0
MAX	127.0	74.5	0.0	478000.0	0.0	7.42	8.57	7.9	97.5	17.2	7.4	646.0
AVERAGE	99.5	71.7	#DIV/0!	463500.0	#DIV/0!	7.19	8.17	7.8	94.8	16.4	6.7	615.5

July 2018
WTP RO Influent Sample Results

PARAMETER	Total Chloride (mg/L)	Total Phosphorus (mg/L)	Specific Conductance (µmhos/cm)	Influent Flow (US GPD)	Influent Flow (US GPY)
CODE	90006	90007	90019	90027	90028
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G
1				173,211	27,858,966
2				184,095	28,043,061
3				227,641	28,270,702
4				221,845	28,492,547
5	456	0.024	2,958	230,048	28,722,594
6				222,290	28,944,884
7				220,926	29,165,810
8				43,044	29,208,854
9				69,534	29,278,388
10	550	0.029	3,401	92,971	29,371,359
11				76,681	29,448,039
12				155,276	29,603,316
13				229,749	29,833,065
14				216,472	30,049,536
15				234,820	30,284,356
16				221,893	30,506,249
17				225,844	30,732,093
18				126,049	30,858,142
19				72,039	30,930,180
20				230,487	31,160,667
21				100,195	31,260,862
22				55,759	31,316,620
23				27,428	31,344,049
24				47,069	31,391,118
25				61,695	31,452,813
26				136,187	31,588,999
27				224,682	31,813,682
28				198,173	32,011,855
29				29,650	32,041,505
30				49,618	32,091,123
31				160,493	32,251,617
MIN	456.0	0.024	2958.1	27428	27858965.6
MAX	550.0	0.029	3401.4	234820	32251616.7
AVERAGE	503.0	0.027	3179.8	147286	30300872.5