February 2019
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	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	**20.0**	<0.20	<1.0	<15.0
6										
7										
8										
9										
10										
11										
12	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
13										
14										
15										
16										
17										
18										
19	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
20										
21										
22										
23										
24										
25										
26	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0
27										
28										

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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)
CODE	01042	00951	01051	01132	01055	71900	01062	01067	00937
Monitoring Point	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									
2									
3									
4									
5	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
6									
7									
8									
9									
10									
11									
12	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
13									
14									
15									
16									
17									
18									
19	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
20									
21									
22									
23									
24									
25									
26	<1.0	<100	<1.0	<10.0	<5.0	<0.0005	<5.0	<2.0	<500
27									
28									

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WTP Effluent Sample Results

PARAMETER	Total Selenium (µg/L)	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)
CODE	01147	01077	01082	01059	01087	01092	00620	22706	81020	01045
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	<0.20	<5.0	<2.0	<1.0	<10.0	**0.38**	<1.0	<5000	<50.0
6										
7										
8										
9										
10										
11										
12	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.31**	<1.0	<5000	<50.0
13										
14										
15										
16										
17										
18										
19	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.36**	<1.0	<5000	<50.0
20										
21										
22										
23										
24										
25										
26	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	**0.36**	<1.0	<5000	<50.0
27										
28										

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WTP Effluent Sample Results

PARAMETER	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)	Total Chloride (mg/L)	Total Phosporus (mg/L)
CODE	99991	99992	00300	09001	90002	90004	90005	90006	90007
Monitoring Point	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	7.15	8.53							
2	7.12	8.58							
3	7.13	8.21							
4	7.07	8.21							
5	7.01	8.22	9.60	1.20	0.79	0.027	9.29	1.2	<0.050
6	6.98	8.35							
7	7.30	7.31							
8	7.31	7.32							
9	7.32	7.32							
10	7.32	7.33							
11	7.33	7.34							
12	7.34	7.34	9.14	1.0	0.65	0.043	9.47	1.2	<0.050
13	7.00	8.27							
14	6.99	8.35							
15	7.04	8.32							
16	7.00	8.36							
17	6.98	8.25							
18	7.26	8.32							
19	7.18	8.77	9.11	0.95	0.55	0.040	11.3	1.4	<0.050
20	7.07	8.29							
21	7.16	8.18							
22	7.13	8.27							
23	7.13	8.54							
24	7.06	8.32							
25	6.99	8.22							
26	7.02	8.33	10.67	0.96	0.58	0.025	11.3	1.3	<0.050
27	7.11	8.21							
28	7.09	8.29							

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WTP Effluent Sample Results

PARAMETER	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	90019	90027	90028	90010	90010	90010	90010	90010
Monitoring Point	EQ-1	EQ-1	EQ-1	RI 1	RI 2	RI 3	RI 4	RI 5
STAGE	1	1	1	RI	RI	RI	RI	RI
1	40.70	128,891	2,999,804	0.00	0.26	0.26	0.26	0.26
2	44.23	90,344	3,090,148	0.00	0.18	0.18	0.18	0.18
3	45.66	67,528	3,157,676	0.00	0.14	0.14	0.14	0.14
4	44.37	42,958	3,200,634	0.00	0.09	0.09	0.09	0.09
5	41.69	125,281	3,325,915	0.00	0.26	0.26	0.26	0.26
6	36.56	198,163	3,524,078	0.00	0.40	0.40	0.40	0.40
7	41.04	169,325	3,693,403	0.00	0.35	0.35	0.35	0.35
8	40.94	172,099	3,865,503	0.00	0.35	0.35	0.35	0.35
9	40.83	174,874	4,040,376	0.00	0.36	0.36	0.36	0.36
10	40.73	177,648	4,218,024	0.00	0.36	0.36	0.36	0.36
11	40.62	180,422	4,398,445	0.00	0.37	0.37	0.37	0.37
12	40.52	183,196	4,581,641	0.00	0.37	0.37	0.37	0.37
13	38.32	199,733	4,781,374	0.00	0.41	0.41	0.41	0.41
14	36.36	202,893	4,984,267	0.00	0.41	0.41	0.41	0.41
15	38.54	173,516	5,157,783	0.00	0.35	0.35	0.35	0.35
16	39.62	191,088	5,348,872	0.00	0.39	0.39	0.39	0.39
17	42.34	173,651	5,522,522	0.00	0.35	0.35	0.35	0.35
18	48.76	82,251	5,604,774	0.00	0.17	0.17	0.17	0.17
19	48.21	52,067	5,656,841	0.00	0.11	0.11	0.11	0.11
20	63.87	60,134	5,716,974	0.00	0.12	0.12	0.12	0.12
21	51.59	57,553	5,774,527	0.00	0.12	0.12	0.12	0.12
22	49.15	39,328	5,813,855	0.00	0.08	0.08	0.08	0.08
23	55.04	189,841	6,003,697	0.00	0.39	0.39	0.39	0.39
24	50.56	175,878	6,179,575	0.00	0.36	0.36	0.36	0.36
25	53.60	206,602	6,386,177	0.00	0.42	0.42	0.42	0.42
26	46.94	218,133	6,604,310	0.00	0.45	0.45	0.45	0.45
27	54.42	141,274	6,745,584	0.00	0.29	0.29	0.29	0.29
28	48.76	119,113	6,864,697	0.00	0.24	0.24	0.24	0.24

February 2019
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)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034
Monitoring Point	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
1									
2									
3									
4									
5	**4.4**	<0.05	**11.2**	**1.3**	<1.0	<1.0	**869**	**0.40**	**5.3**
6									
7									
8									
9									
10									
11									
12	**3.2**	<0.05	**10.8**	**1.2**	**1.5**	<1.0	**841**	**0.38**	**4.2**
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

February 2019
WTP RO Influent Sample Results

PARAMETER	Total Cobalt (µg/L)	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)
CODE	01037	01042	00951	01051	01132	01055	71900	01062	01067
Monitoring Point	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
1									
2									
3									
4									
5	<15.0	**13.4**	**140**	<1.0	**34.8**	<5.0	**0.00054**	**56.1**	**27**
6									
7									
8									
9									
10									
11									
12	<15.0	**14.4**	**150**	<1.0	**30.5**	<5.0	<0.0005	**49.9**	**25.4**
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

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WTP RO Influent Sample Results

PARAMETER	Total Potassium (µg/L)	Total Selenium (µg/L)	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)
CODE	00937	01147	01077	01082	01059	01087	01092	00620	22706
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	IF-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G
1									
2									
3									
4									
5	**75500**	**15.1**	<0.20	<5.0	<2.0	**2.8**	**505**	**140**	<1.0
6									
7									
8									
9									
10									
11									
12	**68000**	**13.6**	<0.20	<5.0	<2.0	**2.1**	**572**	**119**	<1.0
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

February 2019
WTP RO Influent Sample Results

PARAMETER	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	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
STAGE	G	G	G	G	G	G	G	G	G
1									
2									
3									
4									
5	988000	<50.0	4.01	9.27	10.55	188.0	38.8	8.8	1290
6									
7									
8									
9									
10									
11									
12	882000	<50.0	8.05	8.08	10.27	169	41.1	8.8	1170
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									

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WTP RO Influent Sample Results

PARAMETER	Total Chloride (mg/L)	Total Phosporus (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				143,433	3,474,941
2				100,969	3,575,910
3				65,957	3,641,867
4				48,518	3,690,385
5	1290	0.052	6,430	134,382	3,824,767
6				240,972	4,065,738
7				252,577	4,318,315
8				252,577	4,570,892
9				252,577	4,823,469
10				252,577	5,076,046
11				252,577	5,328,623
12	1310	0.051	6,680	252,577	5,581,200
13				240,727	5,821,927
14				220,499	6,042,426
15				191,220	6,233,646
16				215,857	6,449,503
17				206,294	6,655,797
18				78,789	6,734,585
19				69,279	6,803,864
20				66,296	6,870,160
21				61,522	6,931,682
22				41,414	6,973,095
23				206,025	7,179,120
24				224,685	7,403,805
25				227,914	7,631,719
26				236,826	7,868,545
27				202,432	8,070,977
28				230,462	8,301,439