October 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)	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											
2											
3	<1.6	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15	<1.0
4											
5											
6											
7											
8											
9											
10	<1.1	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15	<1.0
11											
12											
13											
14											
15											
16											
17	<1.1	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15	<1.0
18											
19											
20											
21											
22											
23											
24	<1.5	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15	<1.0
25											
26											
27											
28											
29											
30	<1.3	<0.05	<1.0	<1.0	**1.2**	<1.0	<20.0	<0.20	**1.6**	<15	<1.0
31											

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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											
2											
3	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	**229**	<1.0	<0.20	<5.0
4											
5											
6											
7											
8											
9											
10	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0	<0.20	<5.0
11											
12											
13											
14											
15											
16											
17	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0	<0.20	<5.0
18											
19											
20											
21											
22											
23											
24	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0	<0.20	<5.0
25											
26											
27											
28											
29											
30	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	**1.4**	<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								7.28	8.18		
2								7.30	8.33		
3	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.14	8.30	8.93	**0.64**
4								7.27	8.10		
5								7.23	8.07		
6								7.25	8.19		
7								7.24	8.09		
8								7.29	8.38		
9								7.16	8.60		
10	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.25	8.38	8.6	**0.45**
11								7.14	8.43		
12								7.00	8.39		
13								7.05	8.46		
14								7.06	8.35		
15								6.90	8.65		
16								6.89	8.64		
17	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	6.95	8.53	9.28	**0.14**
18								6.99	8.54		
19								7.00	8.40		
20								7.00	8.53		
21								7.17	8.47		
22								7.25	8.49		
23								7.18	8.43		
24	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	6.99	8.50	8.87	**0.31**
25								6.89	8.64		
26								7.00	8.67		
27								6.95	8.47		
28								6.99	8.43		
29								7.10	8.39		
30	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.09	8.39	9.9	**0.2**
31								7.32	7.32		
								6.89	8.67		

October 2017
WTP Effluent Sample Results

PARAMETER	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)	Total Chloride (mg/L)	Total Phosporus (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)
CODE	90002	90004	90005	90006	90007	90019	90027	90028	90010	90010
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	RI 1	RI 2
STAGE	1	1	1	1	1	1	1	1	RI	RI
1						32.45	205269	45884873	0.42	0.00
2						36.11	207689	46092563	0.42	0.00
3	**0.59**	<0.050	**7.08**	<1.0	<0.010	33.74	205777	46298340	0.42	0.00
4						37.69	204173	46502512	0.42	0.00
5						29.82	199295	46701807	0.41	0.00
6						31.03	190287	46892093	0.39	0.39
7						30.93	208217	47100310	0.43	0.43
8						31.12	204775	47305085	0.42	0.42
9						31.04	205117	47510202	0.42	0.42
10	**0.43**	<0.050	**6.0**	<1.0	<0.010	37.08	96339	47606541	0.20	0.20
11						32.44	190426	47796967	0.39	0.39
12						21.74	204220	48001186	0.42	0.42
13						26.83	205500	48206687	0.42	0.42
14						23.12	182967	48389654	0.37	0.37
15						27.37	141809	48531463	0.29	0.29
16						14.87	407915	48939378	0.83	0.83
17	**0.11**	<0.050	**3.29**	<1.0	**0.010**	15.37	293903	49233281	0.60	0.60
18						17.31	308210	49541492	0.63	0.63
19						17.76	389155	49930647	0.79	0.79
20						21.31	261492	50192138	0.53	0.53
21						30.17	192572	50384711	0.39	0.39
22						30.14	200320	50585031	0.41	0.41
23						27.92	192332	50777363	0.39	0.39
24	**0.27**	<0.050	**5.04**	<1.0	<0.010	21.46	250864	51028227	0.51	0.51
25						11.67	402439	51430666	0.82	0.82
26						12.01	397032	51827698	0.81	0.81
27						12.52	158015	51985713	0.32	0.32
28						17.52	59422	52045135	0.12	0.12
29						17.21	55066	52100201	0.11	0.11
30	**0.18**	<0.050	**3.87**	<1.0	<0.010	17.91	29082	52129283	0.06	0.06
31						17.95	0	52129283	0.00	0.00
						24.70	407915			

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WTP Effluent Sample Results

PARAMETER	Land Application Rate (gal/day/sq ft)	Land Application Rate (gal/day/sq ft)	Land Application Rate (gal/day/sq ft)
CODE	90010	90010	90010
Monitoring Point	RI 3	RI 4	RI 5
STAGE	RI	RI	RI
1	0.42	0.42	0.42
2	0.42	0.42	0.42
3	0.42	0.42	0.42
4	0.42	0.42	0.42
5	0.41	0.41	0.41
6	0.00	0.39	0.39
7	0.00	0.43	0.43
8	0.00	0.42	0.42
9	0.00	0.42	0.42
10	0.00	0.20	0.20
11	0.00	0.39	0.39
12	0.00	0.42	0.42
13	0.00	0.42	0.42
14	0.00	0.37	0.37
15	0.00	0.29	0.29
16	0.00	0.83	0.83
17	0.00	0.60	0.60
18	0.00	0.63	0.63
19	0.00	0.79	0.79
20	0.00	0.53	0.53
21	0.00	0.39	0.39
22	0.00	0.41	0.41
23	0.00	0.39	0.39
24	0.00	0.51	0.51
25	0.00	0.82	0.82
26	0.00	0.81	0.81
27	0.00	0.32	0.32
28	0.00	0.12	0.12
29	0.00	0.11	0.11
30	0.00	0.06	0.06
31	0.00	0.00	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											
2											
3	<1.6	<50.0	**26.7**	**1.8**	<1.0	<1.0	**931**	<0.20	**3.0**	<15	**3.5**
4											
5											
6											
7											
8											
9											
10	**1.3**	<50.0	**16.6**	**1.9**	<1.0	<1.0	**754**	<0.20	**3.0**	<15	**3.2**
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											

October 2017
WTP RO Influent 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	G	G	G	G	G	G	G	G	G	G	G
1											
2											
3	**160**	<1.0	<8.0	<5.0	<0.000500	**42.3**	**5.0**	<200	**7.5**	<0.20	<5.0
4											
5											
6											
7											
8											
9											
10	**150**	<1.0	**10.5**	<5.0	<0.000500	**28.8**	**3.1**	**34700**	**4.7**	<0.20	<5.0
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											

October 2017
WTP RO Influent Sample Results

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	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											
3	<2.0	**3.2**	**80.5**	**86.7**	<1.0	**676000**	<50	6.74	9.20	9.03	**114**
4											
5											
6											
7											
8											
9											
10	<2.0	**2.5**	**51**	**64.9**	<1.0	**455000**	<50	6.72	9.77	9.17	**85.5**
11											
12											
13											
14											
15											
16											
17											
18											
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26											
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28											
29											
30											
31											

October 2017
WTP RO Influent Sample Results

PARAMETER	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)	Total Chloride (mg/L)	Total Phosporus (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							240517	54291528
2							245341	54536869
3	**19.9**	**7.7**	**6.46**	**414**	**0.027**	3670	239894	54776764
4							240097	55016861
5							233064	55249925
6							224513	55474439
7							244354	55718792
8							239659	55958451
9							240156	56198607
10	**15**	**5.6**	**502**	**349**	**0.021**	2869	112867	56311473
11							223726	56535199
12							238886	56774085
13							242361	57016446
14							213679	57230125
15							92855	57322979
16							239093	57562072
17							182272	57744344
18							177112	57921456
19							233820	58155276
20							231658	58386934
21							227506	58614440
22							234040	58848480
23							226445	59074926
24							230251	59305177
25							237732	59542909
26							234965	59777874
27							120225	59898099
28							78593	59976691
29							48082	60024774
30							49461	60074235
31							0	60074235

245341