

November 2016  
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	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
2										
3										
4										
5										
6										
7										
8	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
9										
10										
11										
12										
13										
14										
15	6.4	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
16										
17										
18										
19										
20										
21										
22	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
23										
24										
25										
26										
27										
28										
29	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
30										
31										

November 2016  
WTP Effluent Sample Results

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	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	230	<1.0
2										
3										
4										
5										
6										
7										
8	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	200	<1.0
9										
10										
11										
12										
13										
14										
15	<1.0	<100	<1.0	<8.0	<5.0	0.00279	<5.0	<2.0	<200	<1.0
16										
17										
18										
19										
20										
21										
22	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
23										
24										
25										
26										
27										
28										
29	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
30										
31										

November 2016  
WTP Effluent Sample Results

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	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.16
2										7.14
3										7.28
4										7.24
5										7.11
6										7.23
7										7.13
8	<0.20	<5.0	<2.0	<1.0	<10	0.052	<1.0	<5000	<50	7.23
9										7.20
10										7.22
11										7.05
12										7.16
13										7.14
14										7.15
15	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.19
16										7.13
17										7.08
18										7.11
19										7.10
20										7.04
21										7.08
22	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.06
23										7.30
24										
25										7.12
26										7.02
27										7.00
28										7.02
29	<0.20	<5.0	<2.0	<1.0	<10	<0.050	<1.0	<5000	<50	7.11
30										7.15
31										

November 2016  
WTP Effluent Sample Results

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	8.45	9.44	0.33	0.33	<0.05	4.8	<1.0	<0.01	21.25	133524
2	8.50								22.27	53754
3	8.26								22.99	65891
4	8.44								23.64	75069
5	8.40								19.13	125861
6	8.23								24.08	106899
7	8.38								22.72	87878
8	8.27	7.78	0.38	0.33	<0.05	5.4	<1.0	<0.01	23.98	97362
9	8.19								22.44	102468
10	8.27								23.32	55119
11	8.51								23.17	78557
12	8.37								23.35	64326
13	8.23								23.45	72633
14	8.34								23.24	71898
15	8.29	8.76	0.30	0.30	<0.05	5.4	<1.0	<0.01	23.30	92737
16	8.19								20.32	42727
17	8.41								18.92	72916
18	8.26								15.61	63909
19	8.16								18.02	73664
20	8.33								14.97	71438
21	8.27								14.15	49654
22	8.29	9.97	0.13	0.13	<0.05	3.5	<1.0	<0.01	15.29	93640
23	8.39								16.51	31100
24										0
25	8.45								19.05	86703
26	8.46								15.89	241648
27	8.39								13.96	375730
28	8.41								13.64	261740
29	8.64	9.75	0.17	0.17	<0.05	3.4	1.0	<0.01	17.12	199340
30	8.35								14.78	216071
31										

November 2016  
WTP Effluent Sample Results

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	43946532	0.27	0.27	0.00	0.27	0.27
2	44000286	0.11	0.11	0.00	0.11	0.11
3	44066177	0.13	0.13	0.00	0.13	0.13
4	44141245	0.15	0.15	0.00	0.15	0.15
5	44267106	0.26	0.26	0.26	0.00	0.26
6	44374005	0.22	0.22	0.22	0.00	0.22
7	44461883	0.18	0.18	0.18	0.00	0.18
8	44559245	0.20	0.20	0.20	0.00	0.20
9	44661712	0.21	0.21	0.21	0.00	0.21
10	44716831	0.11	0.11	0.11	0.00	0.11
11	44795388	0.16	0.16	0.16	0.00	0.16
12	44859713	0.13	0.13	0.13	0.00	0.13
13	44932347	0.15	0.15	0.15	0.00	0.15
14	45004244	0.15	0.15	0.15	0.00	0.15
15	45096981	0.19	0.19	0.19	0.00	0.19
16	45139708	0.09	0.09	0.09	0.00	0.09
17	45212623	0.15	0.15	0.15	0.00	0.15
18	45276532	0.13	0.13	0.13	0.00	0.13
19	45350196	0.15	0.15	0.15	0.00	0.15
20	45421634	0.15	0.15	0.15	0.00	0.15
21	45471288	0.10	0.10	0.10	0.00	0.10
22	45564928	0.19	0.19	0.19	0.00	0.19
23	45596028	0.06	0.06	0.06	0.00	0.06
24	45596028	0.00	0.00	0.00	0.00	0.00
25	45682731	0.18	0.18	0.18	0.00	0.18
26	45924379	0.49	0.49	0.49	0.00	0.49
27	46300109	0.77	0.77	0.77	0.00	0.77
28	46561850	0.53	0.53	0.53	0.00	0.53
29	46761190	0.41	0.41	0.41	0.00	0.41
30	46977260	0.44	0.44	0.44	0.00	0.44
31						

November 2016  
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)
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	G	G	G	G	G	G	G	G	G	G
1	3.6	<0.05	5.0	1.1	<5.0	<1.0	1100	<0.20	4.8	<15
2										
3										
4										
5										
6										
7										
8	5.5	<0.05	4.9	1.4	<5.0	<1.0	1300	<0.20	5.1	<15
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

November 2016  
WTP RO Influent Sample Results

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	G	G	G	G	G	G	G	G	G	G
1	4.7	170	<1.0	18	<5.0	0.000582	43	23	57000	6.6
2										
3										
4										
5										
6										
7										
8	5.8	<100	<1.0	18	<5.0	0.000828	44	22	57000	7.1
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

November 2016  
WTP RO Influent Sample Results

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	IF-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1	<0.20	<5.0	<2.0	2.3	110	66	<1.0	720	<50	6.27
2										
3										
4										
5										
6										
7										
8	<0.20	<5.0	<2.0	2.7	95	71	<1.0	720	<50	6.99
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										



November 2016  
WTP RO Influent Sample Results

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)	Influent 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	G	G	G	G	G	G	G	G	G	G
1	9.42	9.75	81	9.4	6.4	760	400	0.0227	3622	185392
2										51104
3										100608
4										95680
5										160608
6										122512
7										109056
8	9.39	9.31	90	12	6.7	700	400	0.0225	3532	124432
9										140368
10										77840
11										84704
12										92816
13										89936
14										95920
15										116832
16										38576
17										130848
18										84288
19										104320
20										92800
21										51008
22										126480
23										47696
24										32
25										116816
26										288496
27										471408
28										334192
29										263984
30										273776
31										

November 2016  
WTP RO Influent Sample Results

PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	56851816
2	56902920
3	57003528
4	57099208
5	57259816
6	57382328
7	57491384
8	57615816
9	57756184
10	57834024
11	57918728
12	58011544
13	58101480
14	58197400
15	58314232
16	58352808
17	58483656
18	58567944
19	58672264
20	58765064
21	58816072
22	58942552
23	58990248
24	58990280
25	59107096
26	59395592
27	59867000
28	60201192
29	60465176
30	60738952
31	