

August 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)
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	<1.0	<0.05	<1.0	<1.0	<1.0	<1.0	27	<0.20	<1.0	<15
2										
3										
4										
5										
6										
7										
8	<0.22	<0.05	<1.0	<1.0	<1.0	<1.0	29.7	<0.20	<1.0	<15
9										
10										
11										
12										
13										
14										
15	<0.39	<0.05	<1.0	<1.0	<1.0	<1.0	26.3	<0.20	<1.0	<15
16										
17										
18										
19										
20										
21										
22										
23										
24	<1.9	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
25										
26										
27										
28										
29	<1.6	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15
30										
31										

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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)	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	502	<1.0
2										
3										
4										
5										
6										
7										
8	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	306	<1.0
9										
10										
11										
12										
13										
14										
15	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	465	<1.0
16										
17										
18										
19										
20										
21										
22										
23										
24	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	351	<1.0
25										
26										
27										
28										
29	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	411	<1.0
30										
31										

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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	0.17	<1.0	<5000	<50	7.54
2										7.43
3										7.35
4										6.94
5										7.05
6										7.06
7										7.10
8	<0.20	<5.0	<2.0	<1.0	<10	0.15	<1.0	<5000	<50	7.15
9										7.07
10										7.14
11										7.22
12										7.19
13										7.11
14										7.32
15	<0.20	<5.0	<2.0	<1.0	<10	0.089	<1.0	<5000	<50	7.12
16										7.25
17										7.13
18										7.14
19										7.02
20										7.10
21										7.13
22										7.60
23										7.50
24	<0.20	<5.0	<2.0	<1.0	<10	0.1	<1.0	<5000	<50	7.27
25										7.16
26										7.30
27										7.24
28										7.14
29	<0.20	<5.0	<2.0	<1.0	<10	0.15	<1.0	<5000	<50	7.24
30										7.25
31										7.28

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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	8.39	7.53	1.3	1.1	<0.05	10.6	<1.0	<0.010	64.79	161914
2	8.48								58.35	75108
3	8.31								40.17	94106
4	8.37								38.53	151509
5	8.20								28.30	208564
6	8.38								28.28	201333
7	8.44								37.56	216559
8	8.44	8.8	0.75	0.58	<0.05	8.67	1.1	<0.010	38.75	210622
9	8.30								35.02	203714
10	8.32								41.98	210523
11	8.24								47.14	153183
12	8.25								44.76	199679
13	8.27								40.97	171372
14	8.27								47.88	151143
15	8.35	8.21	0.81	0.71	<0.05	8.78	<1.0	<0.010	46.68	188044
16	8.35								46.52	220745
17	8.24								36.40	204926
18	8.51								34.21	349471
19	8.50								30.12	302734
20	8.19								36.60	185799
21	8.07								29.51	51246
22	7.72								29.29	0
23	8.55								46.41	12569
24	8.62	8.5	1.5	1.3	<0.05	7.66	<1.0	<0.010	75.37	192950
25	8.36								27.00	314830
26	8.21								49.00	76409
27	8.35								43.05	58037
28	8.24								34.05	189569
29	8.15	9.09	0.79	0.64	<0.05	8.51	<1.0	<0.010	49.56	210680
30	8.15								38.64	207172
31	8.27								30.87	201580

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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	34746563	0.33	0.33	0.33	0.33	0.00
2	34821671	0.15	0.15	0.15	0.15	0.00
3	34915777	0.19	0.19	0.19	0.19	0.00
4	35067286	0.31	0.31	0.31	0.31	0.00
5	35275850	0.00	0.43	0.43	0.43	0.43
6	35477183	0.00	0.41	0.41	0.41	0.41
7	35693742	0.00	0.44	0.44	0.44	0.44
8	35904364	0.00	0.43	0.43	0.43	0.43
9	36108078	0.00	0.42	0.42	0.42	0.42
10	36318601	0.00	0.43	0.43	0.43	0.43
11	36471784	0.00	0.31	0.31	0.31	0.31
12	36671464	0.00	0.41	0.41	0.41	0.41
13	36842836	0.00	0.35	0.35	0.35	0.35
14	36993979	0.00	0.31	0.31	0.31	0.31
15	37182023	0.00	0.38	0.38	0.38	0.38
16	37402768	0.00	0.45	0.45	0.45	0.45
17	37607694	0.00	0.42	0.42	0.42	0.42
18	37957165	0.00	0.71	0.71	0.71	0.71
19	38259900	0.00	0.62	0.62	0.62	0.62
20	38445699	0.00	0.38	0.38	0.38	0.38
21	38496945	0.00	0.10	0.10	0.10	0.10
22	38496945	0.00	0.00	0.00	0.00	0.00
23	38509513	0.00	0.03	0.03	0.03	0.03
24	38702464	0.00	0.39	0.39	0.39	0.39
25	39017294	0.00	0.64	0.64	0.64	0.64
26	39093704	0.00	0.16	0.16	0.16	0.16
27	39151741	0.00	0.12	0.12	0.12	0.12
28	39341309	0.00	0.39	0.39	0.39	0.39
29	39551990	0.00	0.43	0.43	0.43	0.43
30	39759162	0.00	0.42	0.42	0.42	0.42
31	39960742	0.00	0.41	0.41	0.41	0.41