

July 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										
3										
4										
5										
6										
7	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
8										
9										
10										
11										
12	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
13										
14										
15										
16										
17										
18										
19	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	1.3	<15
20										
21										
22										
23										
24										
25										
26	<2.0	<0.05	<1.0	<1.0	<5.0	<1.0	<20	<0.20	<1.0	<15
27										
28										
29										
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										
2										
3										
4										
5										
6										
7	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
8										
9										
10										
11										
12	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<b>230</b>	<1.0
13										
14										
15										
16										
17										
18										
19	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<200	<1.0
20										
21										
22										
23										
24										
25										
26	<1.0	<100	<1.0	<8.0	<5.0	<0.0005	<5.0	<2.0	<b>260</b>	<1.0
27										
28										
29										
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										7.10
2										7.31
3										7.34
4										7.44
5										7.26
6										7.43
7	<0.20	<5.0	<2.0	<1.0	<10	0.055	<1.0	<5000	<50	7.44
8										7.05
9										7.14
10										7.30
11										7.30
12	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.15
13										7.33
14										7.06
15										7.31
16										7.20
17										7.13
18										7.15
19	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.12
20										7.00
21										7.02
22										7.38
23										7.43
24										7.37
25										7.39
26	<0.20	<5.0	<2.0	1.7	<10	<0.05	<1.0	<5000	<50	7.39
27										
28										7.41
29										7.27
30										7.32
31										7.35

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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	8.54								24.66	105779
2	8.45								24.49	35670
3	8.43								27.44	51788
4	8.35								30.84	112827
5	8.42								31.57	146783
6	8.29								34.24	138721
7	8.21	7.97	0.35	0.30	<0.05	7.5	<1.0	<0.01	31.25	67378
8	8.39								30.61	145404
9	8.34								30.28	182997
10	8.23								33.26	183830
11	8.33								31.10	111191
12	8.24	7.78	0.27	0.27	<0.05	7.2	<1.0	<0.01	34.51	118990
13	8.34								35.56	180184
14	8.37								31.79	138444
15	8.33								27.10	103640
16	8.29								25.52	178355
17	8.52								27.05	156834
18	8.39								24.12	356250
19	8.38	8.13	0.23	0.23	<0.05	5.7	<1.0	<0.01	25.39	348832
20	8.40								27.27	173070
21	8.26								32.03	83877
22	8.26								30.26	17448
23	8.68								33.38	43297
24	8.24								30.05	67474
25	8.38								29.97	45426
26	8.49	7.87	0.24	0.24	<0.05	10	<1.0	<0.01	43.28	59182
27										0
28	8.29								58.52	40553
29	8.78								26.65	30060
30	8.56								26.01	34208
31	8.33								27.04	46609

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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	26073610	0.22	0.22	0.22	0.22	0.00
2	26109280	0.07	0.07	0.07	0.07	0.00
3	26161068	0.11	0.11	0.11	0.11	0.00
4	26273896	0.23	0.23	0.23	0.23	0.00
5	26420678	0.30	0.30	0.30	0.30	0.00
6	26559399	0.28	0.28	0.28	0.28	0.00
7	26626777	0.14	0.14	0.14	0.14	0.00
8	26772181	0.30	0.30	0.30	0.30	0.00
9	26955178	0.37	0.37	0.37	0.37	0.00
10	27139008	0.38	0.38	0.38	0.38	0.00
11	27250199	0.23	0.23	0.23	0.23	0.00
12	27369189	0.24	0.24	0.24	0.24	0.00
13	27549373	0.37	0.37	0.37	0.37	0.00
14	27687817	0.28	0.28	0.28	0.28	0.00
15	27791457	0.21	0.21	0.21	0.21	0.00
16	27969812	0.36	0.36	0.36	0.36	0.00
17	28126646	0.32	0.32	0.32	0.32	0.00
18	28482896	0.73	0.73	0.73	0.73	0.00
19	28831728	0.71	0.71	0.71	0.71	0.00
20	29004798	0.35	0.35	0.35	0.35	0.00
21	29088675	0.17	0.17	0.17	0.17	0.00
22	29106122	0.04	0.04	0.04	0.04	0.00
23	29149419	0.09	0.09	0.09	0.09	0.00
24	29216894	0.14	0.14	0.14	0.14	0.00
25	29262319	0.09	0.09	0.09	0.09	0.00
26	29321501	0.12	0.12	0.12	0.12	0.00
27	29321501	0.00	0.00	0.00	0.00	0.00
28	29362053	0.08	0.08	0.08	0.08	0.00
29	29392113	0.00	0.06	0.06	0.06	0.06
30	29426322	0.00	0.07	0.07	0.07	0.07
31	29472931	0.00	0.10	0.10	0.10	0.10

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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										
2										
3										
4										
5										
6										
7	3.5	<.05	1.3	<1.0	<5.0	<1.0	860	<0.20	3.4	<15
8										
9										
10										
11										
12	<2.0	<.05	1.0	<1.0	<5.0	<1.0	890	<0.20	2.2	<15
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										

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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										
2										
3										
4										
5										
6										
7	8.3	120	<1.0	<8.0	<5.0	<0.0005	29	19	51000	5.5
8										
9										
10										
11										
12	4.3	<100	<1.0	11	<5.0	<0.0005	29	19	46000	6.2
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
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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	IF-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1										
2										
3										
4										
5										
6										
7	<0.20	<5.0	<2.0	2.1	25	33	<1.0	470000	<50	6.76
8										
9										
10										
11										
12	<0.20	<5.0	<2.0	2.5	41	36	<1.0	490000	<50	6.22
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										



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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)	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										130400
2										43320
3										63840
4										144344
5										186888
6										174200
7	9.34	7.72	36	0.13	3.1	430	250	0.0108	2242	100000
8										184304
9										218920
10										245720
11										145256
12	9.49	7.83	43	3.9	3	430	250	0.0130	2291	134816
13										232176
14										188224
15										116744
16										228192
17										200568
18										458560
19										443528
20										234032
21										110944
22										16320
23										47696
24										86232
25										76152
26										73416
27										72
28										44528
29										48256
30										37192
31										59296

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<b>PARAMETER</b>	<b>Influent Flow (US GPY)</b>
<b>CODE</b>	<b>90028</b>
<b>Monitoring Point</b>	<b>EQ-1</b>
<b>STAGE</b>	<b>G</b>
1	34030072
2	34073392
3	34137232
4	34281576
5	34468464
6	34642664
7	34742664
8	34926968
9	35145888
10	35391608
11	35536864
12	35671680
13	35903856
14	36092080
15	36208824
16	36437016
17	36637584
18	37096144
19	37539672
20	37773704
21	37884648
22	37900968
23	37948664
24	38034896
25	38111048
26	38184464
27	38184536
28	38229064
29	38277320
30	38314512
31	38373808