

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

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

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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										7.40
2	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	74	7.34
3										7.38
4										7.18
5										7.27
6										7.28
7										7.36
8										7.21
9										7.25
10	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.18
11										7.04
12										7.18
13										7.36
14										7.02
15										7.02
16										6.99
17	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.01
18										7.00
19										7.13
20										7.21
21										7.16
22										7.00
23										7.30
24										7.06
25	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.10
26										7.11
27										7.11
28										7.11
29										7.40
30										7.31
31	<0.20	<5.0	<2.0	<1.0	<10	<0.05	<1.0	<5000	<50	7.19

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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	8.25								19.83	194427
2	8.35	8.49	0.43	0.43	<0.05	4.7	<1.0	<0.01	20.06	194570
3	8.43								20.68	193199
4	8.33								21.21	195516
5	8.24								19.43	207293
6	8.52								15.83	204877
7	8.38								20.32	201601
8	8.25								20.46	205937
9	8.12								17.76	207598
10	8.26	8.69	0.15	0.15	<0.05	4.0	<1.0	0.0116	17.07	173701
11	8.24								19.67	58076
12	8.24								19.43	82407
13	8.17								19.32	66439
14	8.11								17.22	64202
15	8.20								14.15	55980
16	8.27								13.91	63768
17	8.04	9.17	0.16	0.16	<0.05	3.0	<1.0	0.0115	12.43	38810
18	8.30								13.06	132142
19	8.27								16.61	202316
20	8.27								17.36	121254
21	8.24								21.26	101177
22	8.29								19.64	53974
23	8.19								19.26	76295
24	8.18								22.11	63394
25	8.52	9.03	0.19	0.19	<0.05	4.9	<1.0	<0.01	20.88	57547
26	8.25								19.49	138464
27	8.33								24.44	98930
28	8.29								28.91	67443
29	8.17								26.78	92089
30	8.32								24.86	92399
31	8.38	8.24	0.37	0.37	<0.05	5.3	<1.0	<0.01	21.75	126922

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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	18616775	0.40	0.40		0.40	0.40
2	18811345	0.40	0.40		0.40	0.40
3	19004545	0.39	0.39		0.39	0.39
4	19200061	0.40	0.40		0.40	0.40
5	19407353	0.42	0.42		0.42	0.42
6	19612230	0.42	0.42		0.42	0.42
7	19813831	0.41	0.41		0.41	0.41
8	20019768	0.42	0.42		0.42	0.42
9	20227366	0.42	0.42		0.42	0.42
10	20401066	0.35	0.35		0.35	0.35
11	20459142	0.12	0.12		0.12	0.12
12	20541550	0.17	0.17		0.17	0.17
13	20607988	0.14	0.14		0.14	0.14
14	20672190	0.13	0.13		0.13	0.13
15	20728171	0.11	0.11		0.11	0.11
16	20791939	0.13	0.13		0.13	0.13
17	20830748	0.08	0.08		0.08	0.08
18	20962890	0.27	0.27		0.27	0.27
19	21165206	0.41	0.41		0.41	0.41
20	21286460	0.25	0.25		0.25	0.25
21	21387637	0.21	0.21	0.21		0.21
22	21441611	0.11	0.11	0.11		0.11
23	21517906	0.16	0.16	0.16		0.16
24	21581300	0.13	0.13	0.13		0.13
25	21638848	0.12	0.12	0.12		0.12
26	21777312	0.28	0.28	0.28		0.28
27	21876241	0.20	0.20	0.20		0.20
28	21943684	0.14	0.14	0.14		0.14
29	22035774	0.19	0.19	0.19		0.19
30	22128173	0.19	0.19	0.19		0.19
31	22255094	0.26	0.26	0.26		0.26

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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	20	<.05	1.3	<1.0	<5.0	<1.0	520	<0.20	3.6	<15
3										
4										
5										
6										
7										
8										
9										
10	29	<.05	1.3	1.0	<5.0	<1.0	590	<0.20	5.6	<15
11										
12										
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	12	<100	<1.0	<8.0	<5.0	0.000649	23	21	33000	3.7
3										
4										
5										
6										
7										
8										
9										
10	19	<100	<1.0	8.5	12	0.000522	23	19	34000	5.3
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
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28										
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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	IF-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G
1										
2	<0.20	<5.0	<2.0	2.0	200	29	<1.0	290000	69	6.90
3										
4										
5										
6										
7										
8										
9										
10	<0.20	<5.0	<2.0	2.1	77	32	<1.0	320000	<50	7.11
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
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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										250792
2	9.60	9.08	38	6.8	2.8	430	320	0.0111	2101	250064
3										249648
4										255232
5										268600
6										262224
7										262120
8										268728
9										267216
10	8.94	8.94	40	4.2	3.3	390	280	0.0176	2045	241984
11										75696
12										105072
13										96632
14										73672
15										88560
16										79384
17										50584
18										177888
19										259264
20										154192
21										161312
22										62032
23										99896
24										76672
25										95064
26										185192
27										104936
28										108432
29										112992
30										124800
31										140600

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PARAMETER	Influent Flow (US GPY)
CODE	90028
Monitoring Point	EQ-1
STAGE	G
1	24186016
2	24436080
3	24685728
4	24940960
5	25209560
6	25471784
7	25733904
8	26002632
9	26269848
10	26511832
11	26587528
12	26692600
13	26789232
14	26862904
15	26951464
16	27030848
17	27081432
18	27259320
19	27518584
20	27672776
21	27834088
22	27896120
23	27996016
24	28072688
25	28167752
26	28352944
27	28457880
28	28566312
29	28679304
30	28804104
31	28944704