

November 2019  
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)	Total Fluoride (µg/L)	Total Lead (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042	00951	01051
Monitoring Point	EQ-1	EQ-1	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	1
1													
2													
3													
4													
5	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100.0	<1.0
6													
7													
8													
9													
10													
11													
12	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100.0	<1.0
13													
14													
15													
16													
17													
18													
19	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100.0	<1.0
20													
21													
22													
23													
24													
25	<2.0	<0.05	<1.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100.0	<1.0
26													
27													
28													
29													
30													
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

Comment Box:

The 12-Month Rolling Average for Mercury is 0.00000 ug/L. Mercury is a permit required parameter and is not included on the DMR form. All 5 Mercury results were non-detect for the month.

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PARAMETER	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)	Total Thallium (µg/L)	Total Vanadium (µg/L)	Total Zinc (µg/L)	Nitrate Nitrogen (mg/L)
CODE	01132	01055	71900	01062	01067	00937	01147	01077	01082	01059	01087	01092	00620
Monitoring Point	EQ-1	EQ-1	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	1
1													
2													
3													
4													
5	<10.0	<5.0	<0.0005	<5.0	<2.0	<500.0	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	0.27
6													
7													
8													
9													
10													
11													
12	<10.0	<5.0	<0.0005	<5.0	<2.0	<500.0	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	0.32
13													
14													
15													
16													
17													
18													
19	<10.0	<5.0	<0.0005	<5.0	<2.0	<500.0	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	0.32
20													
21													
22													
23													
24													
25	<10.0	<5.0	<0.0005	<5.0	<2.0	<500.0	<1.0	<0.20	<5.0	<2.0	<1.0	<10.0	0.26
26													
27													
28													
29													
30													
MIN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.26
MAX	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	0.29

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PARAMETER	Total Uranium (µg/L)	Total Sulfate (µg/L)	Total Iron (µg/L)	pH (minimum)	pH (maximum)	Dissolved Oxygen (mg/L)	Total Inorganic Nitrogen	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)	Total Chloride (mg/L)	Total Phosphorus (mg/L)	Specific Conductance (µmhos/cm)
CODE	22706	81020	01045	99991	99992	00300	09001	90002	90004	90005	90006	90007	90019
Monitoring Point	EQ-1	EQ-1	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	1
1				7.10	9.10								35.82
2				7.03	8.42								36.75
3				7.09	8.28								43.14
4				7.09	8.41								42.90
5	<1.0	<10000.0	<50.0	7.09	8.38	10.01	0.57	0.28	0.017	10.6	1.6	<0.05	45.52
6				7.06	8.46								50.20
7				7.04	8.05								45.35
8				6.95	8.42								47.09
9				6.95	8.44								35.74
10				6.96	8.38								38.16
11				7.10	8.45								39.53
12	<1.0	<10000.0	<50.0	7.01	8.46	9.82	0.69	0.34	0.025	9.4	1.8	<0.05	38.33
13				7.05	8.38								39.24
14				7.04	8.38								46.87
15				7.02	8.33								40.11
16				6.98	8.59								39.77
17				7.08	8.34								40.07
18				6.93	8.35								40.22
19	<1.0	<10000.0	<50.0	7.22	8.35	9.84	0.70	0.35	0.030	15	1.6	<0.05	44.79
20				7.07	8.45								40.03
21				7.02	8.38								41.62
22				7.05	8.66								36.39
23				7.22	8.37								35.45
24				7.19	8.45								43.42
25	<1.0	<10000.0	<50.0	7.14	8.56	9.85	0.61	0.32	0.025	15.1	1.5	<0.05	37.56
26				6.82	8.54								35.91
27				7.20	8.36								33.08
28				6.93	8.50								32.64
29				7.15	8.26								37.00
30				7.07	8.49								33.24
MIN	0.00	0.00	0.00	6.82	8.05	9.82	0.57	0.28	0.02	9.36	1.50	0.000	32.64
MAX	0.00	0.00	0.00	7.22	9.10	10.0	0.70	0.35	0.03	15.10	1.80	0.000	50.20
AVERAGE	#DIV/0!	#DIV/0!	#DIV/0!	7.06	8.43	9.88	0.64	0.32	0.02	12.52	1.63	#DIV/0!	39.86



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PARAMETER		
CODE		
Monitoring Point		
STAGE	Original #s	Divide by 4
1	0.98	0.25
2	1.69	0.42
3	0.75	0.19
4	1.77	0.44
5	1.64	0.41
6	1.63	0.41
7	0.76	0.19
8	0.98	0.24
9	0.98	0.25
10	0.73	0.18
11	0.89	0.22
12	0.85	0.21
13	0.62	0.16
14	1.01	0.25
15	0.99	0.25
16	0.92	0.23
17	0.95	0.24
18	1.03	0.26
19	0.66	0.16
20	1.05	0.26
21	0.82	0.21
22	0.86	0.21
23	0.64	0.16
24	0.53	0.13
25	0.91	0.23
26	1.40	0.35
27	1.19	0.30
28	0.86	0.21
29	0.75	0.19
30	1.40	0.35
MIN		
MAX		
AVERAGE		

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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)	Total Fluoride (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042	00951
Monitoring Point	EQ-1	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	G
1												
2												
3												
4												
5	<2.0	<0.05	32.2	2.8	<1.0	<1.0	679	0.31	247	<15.0	360	140
6												
7												
8												
9												
10												
11												
12	<2.0	<0.05	31.8	4.0	<1.0	<1.0	782	<0.20	7.2	<15.0	42.3	180
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
MIN	0.00	0.00	31.80	2.80	0.00	0.00	679.00	0.31	7.20	0.00	42.30	140.00
MAX	0.00	0.00	32.20	4.00	0.00	0.00	782	0.31	247.00	0.00	360.00	180.00
AVERAGE	#DIV/0!	#DIV/0!	32.0	3.40	#DIV/0!	#DIV/0!	731	0.31	127.10	#DIV/0!	201.2	160

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PARAMETER	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)	Total Thallium (µg/L)	Total Vanadium (µg/L)
CODE	01051	01132	01055	71900	01062	01067	00937	01147	01077	01082	01059	01087
Monitoring Point	EQ-1	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	G
1												
2												
3												
4												
5	343	58.2	17.7	0.00086	48.4	113	89200	13.8	<0.20	<5.0	<2.0	<1.0
6												
7												
8												
9												
10												
11												
12	9.4	41.6	<5.0	<0.0005	51.4	38.4	77200	13.3	<0.20	10.7	<2.0	1.7
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
MIN	9.40	41.60	17.70	0.00	48.40	38.40	77200.00	13.30	0.00	10.70	0.00	1.70
MAX	343.00	58.20	17.70	0.00086	51.40	113.00	89200.00	13.80	0.00	10.70	0.00	1.70
AVERAGE	176.20	49.9	17.70	0.00086	49.9	75.7	83200	13.6	#DIV/0!	10.7	#DIV/0!	1.7

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PARAMETER	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)	Ammonia Nitrogen (mg/L)	Nitrite Nitrogen (mg/L)	Total Sodium (mg/L)
CODE	01092	00620	22706	81020	01045	99991	99992	00300	09001	90002	90004	90005
Monitoring Point	EQ-1	IF-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	G
1												
2												
3												
4												
5	2700	128	<1.0	1040000	986	4.11	8.51	11.06	153	18.8	6.0	1800
6												
7												
8												
9												
10												
11												
12	431	137	<1.0	918000	<50.0	5.20	9.27	11.39	169	24.7	7.6	1700
13												
14												
15												
16												
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
MIN	431.00	128.00	0.00	918000	986	4.11	8.51	11.06	153.00	18.80	6.00	1700.00
MAX	2700.00	137.00	0.00	1040000	986	5.20	9.27	11.39	169.00	24.70	7.60	1800.00
AVERAGE	1565.5	133	#DIV/0!	979000	986	4.65	8.89	11.2	161	21.8	6.8	1750



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PARAMETER	Total Chloride (mg/L)	Total Phosphorus (mg/L)	Specific Conductance (µmhos/cm)	Influent Flow (US GPD)	Influent Flow (US GPY)
CODE	90006	90007	90019	90027	90028
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1
STAGE	G	G	G	G	G
1				142,551	50,401,213
2				222,838	50,624,051
3				119,481	50,743,532
4				229,455	50,972,987
5	1950	0.057	8,534	221,260	51,194,247
6				216,443	51,410,690
7				122,859	51,533,549
8				127,511	51,661,059
9				129,138	51,790,198
10				91,302	51,881,500
11				122,216	52,003,715
12	1960	0.071	8,274	120,850	52,124,566
13				94,168	52,218,733
14				140,692	52,359,425
15				134,106	52,493,531
16				122,041	52,615,572
17				128,879	52,744,451
18				147,210	52,891,661
19				87,370	52,979,031
20				128,305	53,107,336
21				110,977	53,218,313
22				125,457	53,343,769
23				101,738	53,445,507
24				67,767	53,513,274
25				125,411	53,638,685
26				189,400	53,828,085
27				153,623	53,981,708
28				136,045	54,117,752
29				100,263	54,218,015
30				202,798	54,420,813
MIN	1950.00	0.057	8273.74	67767	50401213
MAX	1960.00	0.071	8533.96	229455	54420813
AVERAGE	1955	0.064	8403.85	138738	52515899