

November 2018  
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)	Total Copper (µg/L)	Total Fluoride (µg/L)	Total Lead (µg/L)	Total Lithium (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042	00951	01051	01132
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	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
1														
2														
3														
4														
5														
6	<3.0	<0.05	9.0	1.0	<1.0	<1.0	810	<0.20	4.7	<15.0	21	120	<1.0	19.8
7														
8														
9														
10														
11														
12														
13	<3.0	<0.05	10.5	1.1	<1.0	<1.0	758	<0.20	5.6	<15.0	13.4	130	<1.0	27.9
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
MIN	0.00	0.00	9.00	1.00	0.00	0.00	758	0.00	4.70	0.00	13.4	120	0.00	19.80
MAX	0.00	0.00	10.5	1.10	0.00	0.00	810	0.00	5.60	0.00	21.0	130	0.00	27.90
AVERAGE	#DIV/0!	#DIV/0!	9.8	1.05	#DIV/0!	#DIV/0!	784	#DIV/0!	5.15	#DIV/0!	17.2	125	#DIV/0!	23.9

EXAMPLE CONVERSIONS:	Aluminum --> 50.0 ug/L = 0.05 mg/L Flouride --> 0.10 mg/L = 100 ug/L Mercury --> 0.50 ng/L = 0.0005 ug/L Sulfate --> 5.0 mg/L = 5000 ug/L Sodium --> 8640 ug/L = 8.64 mg/L
RED HEADINGS:	Need to convert the unit.
BLUE HEADINGS:	Information on the WTP spreadsheet.

DMR 12-Month Rolling

November 2018  
WTP RO Influent Sample Results

PARAMETER	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)	Total Uranium (µg/L)	Total Sulfate (µg/L)
CODE	01055	71900	01062	01067	00937	01147	01077	01082	01059	01087	01092	00620	22706	81020
Monitoring Point	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	EQ-1	IF-1	EQ-1	EQ-1
STAGE	G	G	G	G	G	G	G	G	G	G	G	G	G	G
1														
2														
3														
4														
5														
6	<5.0	<0.0005	46.6	18.9	54000	18.2	<0.20	<5.0	<1.0	<1.4	719	110	<1.0	691000
7														
8														
9														
10														
11														
12														
13	<5.0	<0.0005	53.1	21.6	66600	20.8	<0.20	<5.0	<1.0	<20.0	672	135	<1.0	832000
14														
15														
16														
17														
18														
19														
20														
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
MIN	0.00	0.00	46.60	18.90	54000.00	18.20	0.00	0.00	0.00	0.00	672.00	110.00	0.00	691000.00
MAX	0.00	0.00	53.10	21.60	66600.00	20.80	0.00	0.00	0.00	0.00	719.00	135.00	0.00	832000.00
AVERAGE	#DIV/0!	#DIV/0!	49.9	20.3	60300	19.5	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	695.5	123	#DIV/0!	761500.0

EXAMPLE CONV
RED HEAD
BLUE HEAD

November 2018  
WTP RO Influent Sample Results

PARAMETER	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)	Total Chloride (mg/L)	Total Phosphorus (mg/L)	Specific Conductance (µmhos/cm)	Influent Flow (US GPD)	Influent Flow (US GPY)
CODE	01045	99991	99992	00300	09001	90002	90004	90005	90006	90007	90019	90027	90028
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	G	G	G	G	G	G	G	G	G	G	G	G	G
1												270,084	48,994,209
2												145,754	49,139,963
3												252,120	49,392,083
4												272,315	49,664,398
5												127,370	49,791,768
6	<50.0	5.28	8.83	10.43	139	22.2	6.1	927	787	0.072	5,111	145,081	49,936,850
7												152,737	50,089,587
8												223,853	50,313,440
9												222,481	50,535,921
10												223,581	50,759,501
11												185,076	50,944,577
12												32,317	50,976,895
13	<50.0	6.27	9.77	10.15	170	27.9	7.0	1190	963	0.078	5,845	34,789	51,011,684
14												37,255	51,048,939
15												233,654	51,282,593
16												223,249	51,505,843
17												222,046	51,727,888
18												209,639	51,937,527
19												214,444	52,151,971
20												221,345	52,373,315
21												214,610	52,587,925
22												86,037	52,673,962
23												85,281	52,759,243
24												71,126	52,830,368
25												232,224	53,062,593
26												221,767	53,284,360
27												141,097	53,425,457
28												221,919	53,647,377
29												228,684	53,876,061
30												204,051	54,080,112
MIN	0.00	5.28	8.83	10.15	139.00	22.20	6.10	927.00	787.00	0.07	5110.82	32317	48994209
MAX	0.00	6.27	9.77	10.43	170.00	27.90	7.00	1190.00	963.00	0.08	5845.00	272315	54080112
AVERAGE	#DIV/0!	5.77	9.30	10.3	155	25.1	6.6	1059	875	0.08	5477.9	178533	51526880

EXAMPLE CONV
RED HEADI
BLUE HEADI

November 2018  
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)	Total Lithium (µg/L)
CODE	00310	01105	01097	01002	01007	01012	01022	01027	01034	01037	01042	00951	01051	01132
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	EQ-1
STAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1														
2														
3														
4														
5														
6	<3.0	<0.05	<2.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100	<1.0	<8.0
7														
8														
9														
10														
11														
12														
13	<3.0	<0.05	<2.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100	<1.0	<8.0
14														
15														
16														
17														
18														
19														
20	<3.0	<0.05	<2.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100	<1.0	<8.0
21														
22														
23														
24														
25														
26														
27	<3.0	<0.05	<2.0	<1.0	<1.0	<1.0	<20.0	<0.20	<1.0	<15.0	<1.0	<100	<1.0	<8.0
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	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	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!	#DIV/0!

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BLUE HEADINGS:	Information on the WTP spreadsheet.

DMR 12-Month Rolling

November 2018  
WTP Effluent Sample Results

PARAMETER	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)	Total Uranium (µg/L)	Total Sulfate (µg/L)
CODE	01055	71900	01062	01067	00937	01147	01077	01082	01059	01087	01092	00620	22706	81020
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	EQ-1
STAGE	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1														
2														
3														
4														
5														
6	<5.0	<0.0005	<5.0	<2.0	<200	<2.0	<0.20	<5.0	<1.0	<1.4	<10.0	0.15	<1.0	<5000
7														
8														
9														
10														
11														
12														
13	<5.0	<0.0005	<5.0	<2.0	<200	<2.0	<0.20	<5.0	<1.0	<1.4	<10.0	0.18	<1.0	<5000
14														
15														
16														
17														
18														
19														
20	<5.0	<0.0005	<5.0	<2.0	<200	<2.0	<0.20	<5.0	<1.0	<1.4	<10.0	0.25	<1.0	<5000
21														
22														
23														
24														
25														
26														
27	<5.0	<0.0005	<5.0	<2.0	<200	<2.0	<0.20	<5.0	<1.0	<1.4	<10.0	0.25	<1.0	<5000
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	0.15	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	0.25	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!	0.21	#DIV/0!	#DIV/0!

EXAMPLE CONV

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RED HEAD

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BLUE HEAD

November 2018  
WTP Effluent Sample Results

PARAMETER	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)	Total Chloride (mg/L)	Total Phosphorus (mg/L)	Specific Conductance (µmhos/cm)	Effluent Flow (US GPD)	Effluent Flow (US GPY)
CODE	01045	99991	99992	00300	09001	90002	90004	90005	90006	90007	90019	90027	90028
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		7.56	7.62								38.00	206,388	45,671,479
2		7.70	7.77								38.00	104,472	45,775,951
3		7.49	7.56								39.00	215,616	45,991,567
4		7.53	7.62								24.00	188,932	46,180,499
5		7.27	8.72								35.11	202,412	46,382,911
6	<50.0	7.11	8.51	10.05	0.45	0.28	<0.050	7.22	1.2	0.013	31.31	151,799	46,534,711
7		7.22	8.89								34.83	158,752	46,693,463
8		7.20	8.79								36.62	196,491	46,889,954
9		7.12	8.90								34.47	197,918	47,087,872
10		7.09	8.80								37.18	197,621	47,285,493
11		6.99	8.72								34.67	149,673	47,435,165
12		7.22	8.71								31.82	36,963	47,472,128
13	<50.0	7.26	8.70	10.09	0.56	0.37	<0.050	7.65	<1.0	<0.010	38.64	30,098	47,502,226
14		7.35	8.82								41.80	26,381	47,528,607
15		7.13	8.78								25.47	199,679	47,728,286
16		7.06	8.78								27.33	188,693	47,916,979
17		7.17	8.68								32.30	185,565	48,102,544
18		7.17	8.66								36.01	180,227	48,282,771
19		7.18	8.58								37.46	189,811	48,472,582
20	<50.0	7.17	8.64	9.37	0.66	0.39	<0.050	8.50	1.2	0.027	41.66	197,621	48,670,202
21		7.22	8.54								43.18	194,197	48,864,399
22		7.25	8.51								46.69	69,735	48,934,134
23		7.21	8.50								40.05	80,819	49,014,953
24		7.35	8.72								48.75	49,793	49,064,746
25		7.20	8.44								44.10	201,597	49,266,343
26		7.06	8.63								36.17	197,367	49,463,710
27	<50.0	7.11	8.65	8.79	0.57	0.30	<0.050	6.98	<1.0	<0.010	37.55	114,989	49,578,698
28		7.05	8.61								35.75	204,482	49,783,180
29		7.08	8.82								35.89	212,774	49,995,954
30		7.10	8.70								37.26	175,440	50,171,394
MIN	0.00	6.99	7.56	8.79	0.45	0.28	0.00	6.98	1.20	0.013	24.00	26381	45671479
MAX	0.00	7.70	8.90	10.1	0.66	0.39	0.00	8.50	1.20	0.027	48.75	215616	50171394
AVERAGE	#DIV/0!	7.22	8.55	9.58	0.56	0.34	#DIV/0!	7.59	1.20	0.020	36.70	156877	47924763

EXAMPLE CONV
RED HEAD
BLUE HEAD

November 2018  
WTP Effluent Sample Results

PARAMETER	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	90010	90010	90010	90010	90010
Monitoring Point	RI 1	RI 2	RI 3	RI 4	RI 5
STAGE	RI	RI	RI	RI	RI
1	0.42	0.00	0.42	0.42	0.42
2	0.21	0.00	0.21	0.21	0.21
3	0.44	0.00	0.44	0.44	0.44
4	0.39	0.00	0.39	0.39	0.39
5	0.41	0.00	0.41	0.41	0.41
6	0.31	0.00	0.31	0.31	0.31
7	0.32	0.00	0.32	0.32	0.32
8	0.40	0.00	0.40	0.40	0.40
9	0.40	0.00	0.40	0.40	0.40
10	0.40	0.00	0.40	0.40	0.40
11	0.31	0.00	0.31	0.31	0.31
12	0.08	0.00	0.08	0.08	0.08
13	0.06	0.00	0.06	0.06	0.06
14	0.05	0.00	0.05	0.05	0.05
15	0.41	0.00	0.41	0.41	0.41
16	0.39	0.00	0.39	0.39	0.39
17	0.38	0.00	0.38	0.38	0.38
18	0.37	0.00	0.37	0.37	0.37
19	0.39	0.00	0.39	0.39	0.39
20	0.40	0.00	0.40	0.40	0.40
21	0.40	0.00	0.40	0.40	0.40
22	0.14	0.00	0.14	0.14	0.14
23	0.17	0.00	0.17	0.17	0.17
24	0.10	0.00	0.10	0.10	0.10
25	0.41	0.00	0.41	0.41	0.41
26	0.40	0.00	0.40	0.40	0.40
27	0.23	0.00	0.23	0.23	0.23
28	0.42	0.00	0.42	0.42	0.42
29	0.43	0.00	0.43	0.43	0.43
30	0.36	0.00	0.36	0.36	0.36
MIN	0.05	0.00	0.05	0.05	0.05
MAX	0.44	0.00	0.44	0.44	0.44
AVERAGE	0.32	0.00	0.32	0.32	0.32

EXAMPLE CONV
RED HEAD
BLUE HEAD