

April 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) |
|------------------|------------|-----------------------|-----------------------|----------------------|---------------------|------------------------|--------------------|----------------------|-----------------------|---------------------|
| 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 | | | | | | | | | | |
| 26 | | | | | | | | | | |
| 27 | | | | | | | | | | |
| 28 | | | | | | | | | | |
| 29 | | | | | | | | | | |
| 30 | | | | | | | | | | |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.60 | 0.00 | 1.10 | 0.00 |
| MAX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 74.40 | 0.00 | 1.10 | 0.00 |
| AVERAGE | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 50 | #DIV/0! | 1.10 | #DIV/0! |

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

Gray Headings:

From the PDFs

Comment Box:

The 12-Month Rolling Average for Mercury is 0.00007 ug/L. Mercury is a required parameter and is not included on the DMR form. All 5 Mercury non-detect for the month.

April 2018
WTP Effluent Sample Results

| PARAMETER | Total Copper (µg/L) | Total Fluoride (µg/L) | Total Lead (µg/L) | Total Lithium (µg/L) | Total Manganese (µg/L) | Total Molybdenum (µg/L) | Total Nickel (µg/L) | Total Potassium (µg/L) | Total Selenium (µg/L) |
|------------------|------------------------|--------------------------|----------------------|-------------------------|---------------------------|----------------------------|------------------------|---------------------------|--------------------------|
| CODE | 01042 | 00951 | 01051 | 01132 | 01055 | 01062 | 01067 | 00937 | 01147 |
| Monitoring Point | 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 | | | | | | | | | |
| 2 | | | | | | | | | |
| 26 | | | | | | | | | |
| 27 | | | | | | | | | |
| 28 | | | | | | | | | |
| 29 | | | | | | | | | |
| 30 | | | | | | | | | |
| MIN | 0.00 | 0.15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 0.00 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| AVERAGE | #DIV/0! | 0.305 | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! |

EXAMPLE CONV
s a permit
results were

RED HEAD

BLUE HEAD

Gray Head

April 2018
WTP Effluent Sample Results

| 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 | | | | | | | | | | 7.37 |
| 2 | | | | | | | | | | 7.34 |
| 26 | | | | | | | | | | 7.50 |
| 27 | | | | | | | | | | 7.33 |
| 28 | | | | | | | | | | 7.31 |
| 29 | | | | | | | | | | 7.40 |
| 30 | | | | | | | | | | 7.42 |
| MIN | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.41 | 0.00 | 0.00 | 0.00 | 7.12 |
| MAX | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 0.00 | 7.60 |
| AVERAGE | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | #DIV/0! | 0.82 | #DIV/0! | #DIV/0! | #DIV/0! | 7.34 |

EXAMPLE CONV

RED HEAD

BLUE HEAD

Gray Head

April 2018
WTP Effluent Sample Results

| 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) |
|------------------|--------------|-------------------------|---------------------------------|-------------------------|-------------------------|---------------------|-----------------------|-------------------------|---------------------------------|
| CODE | 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 |
| STAGE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1 | 8.25 | | | | | | | | 64.23 |
| 2 | 8.23 | | | | | | | | 66.74 |
| 26 | 7.59 | | | | | | | | 49.32 |
| 27 | 8.36 | | | | | | | | 58.10 |
| 28 | 8.27 | | | | | | | | 74.30 |
| 29 | 8.32 | | | | | | | | 82.67 |
| 30 | 8.23 | | | | | | | | 78.84 |
| MIN | 7.56 | 8.37 | 0.94 | 0.31 | 0.04 | 10.90 | 1.80 | 0.000 | 42.90 |
| MAX | 8.69 | 8.8 | 1.70 | 0.50 | 0.09 | 13.90 | 3.50 | 0.000 | 82.67 |
| AVERAGE | 8.18 | 8.65 | 1.26 | 0.36 | 0.06 | 12.53 | 2.85 | #DIV/0! | 63.21 |

EXAMPLE CONV

RED HEAD

BLUE HEAD

Gray Head

April 2018
WTP Effluent Sample Results

| PARAMETER | Effluent Flow (US GPD) | 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 | 90027 | 90028 | 90010 | 90010 | 90010 | 90010 | 90010 |
| Monitoring Point | EQ-1 | EQ-1 | RI 1 | RI 2 | RI 3 | RI 4 | RI 5 |
| STAGE | 1 | 1 | RI | RI | RI | RI | RI |
| 1 | 214,062 | 30,198,938 | 0.44 | 0.44 | 0.00 | 0.44 | 0.44 |
| 2 | 223,290 | 30,422,228 | 0.46 | 0.46 | 0.00 | 0.46 | 0.46 |
| 26 | 0 | 33,881,415 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 152,603 | 34,034,018 | 0.31 | 0.31 | 0.00 | 0.31 | 0.31 |
| 28 | 216,682 | 34,250,700 | 0.44 | 0.44 | 0.00 | 0.44 | 0.44 |
| 29 | 188,638 | 34,439,338 | 0.39 | 0.39 | 0.00 | 0.39 | 0.39 |
| 30 | 182,743 | 34,622,081 | 0.37 | 0.37 | 0.00 | 0.37 | 0.37 |
| MIN | 0.00 | 30198938 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAX | 230197 | 34622081 | 0.47 | 0.47 | 0.00 | 0.47 | 0.47 |
| AVERAGE | 154573 | 32774130 | 0.32 | 0.32 | 0.00 | 0.32 | 0.32 |

| |
|------------------|
| EXAMPLE CONV |
| RED HEAD |
| BLUE HEAD |
| Gray Head |

April 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 | 2.3 | <0.05 | 12.3 | 1.4 | <1.0 | <1.0 | 734 | 0.41 | 3.2 | <15.0 | 9.9 | 0.15 | <1.0 | 23.5 |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | 2.1 | <0.05 | 13.8 | 2.3 | <1.0 | <1.0 | 724 | 0.22 | 3.8 | <15.0 | 8.6 | <100 | <1.0 | 32.0 |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| MIN | 2.10 | 0.00 | 12.30 | 1.40 | 0.00 | 0.00 | 724.00 | 0.22 | 3.20 | 0.00 | 8.60 | 0.15 | 0.00 | 23.50 |
| MAX | 2.30 | 0.00 | 13.80 | 2.30 | 0.00 | 0.00 | 734 | 0.41 | 3.80 | 0.00 | 9.90 | 0.15 | 0.00 | 32.00 |
| AVERAGE | 2.20 | #DIV/0! | 13.1 | 1.85 | #DIV/0! | #DIV/0! | 729 | 0.32 | 3.50 | #DIV/0! | 9.3 | 0 | #DIV/0! | 27.8 |

| | |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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. |

April 2018
WTP RO Influent Sample Results

| PARAMETER | Total Manganese (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) | Total Iron (µg/L) |
|------------------|------------------------|-------------------------|---------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------|-----------------------|-------------------|-------------------------|----------------------|----------------------|-------------------|
| CODE | 01055 | 01062 | 01067 | 00937 | 01147 | 01077 | 01082 | 01059 | 01087 | 01092 | 00620 | 22706 | 81020 | 01045 |
| Monitoring Point | 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 | EQ-1 |
| STAGE | G | G | G | G | G | G | G | G | G | G | G | G | G | G |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
| 4 | <5.0 | 50.3 | 43.1 | 58800 | 14.8 | <0.20 | <5.0 | <2.0 | 3.1 | 466 | 95.8 | <1.0 | 702000 | <50.0 |
| 5 | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | |
| 11 | <5.0 | 51.0 | 39.3 | 72400 | 14.6 | <0.20 | <5.0 | <2.0 | 2.5 | 328 | 98.4 | <1.0 | 587000 | <50.0 |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | |
| 21 | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | |
| 23 | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | |
| 25 | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | |
| 27 | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | |
| MIN | 0.00 | 50.30 | 39.30 | 58800.00 | 14.60 | 0.00 | 0.00 | 0.00 | 2.50 | 328.00 | 95.80 | 0.00 | 587000.00 | 0 |
| MAX | 0.00 | 51.00 | 43.10 | 72400.00 | 14.80 | 0.00 | 0.00 | 0.00 | 3.10 | 466.00 | 98.40 | 0.00 | 702000.00 | 0 |
| AVERAGE | #DIV/0! | 50.7 | 41.2 | 65600 | 14.7 | #DIV/0! | #DIV/0! | #DIV/0! | 2.8 | 397.0 | 97 | #DIV/0! | 644500 | #DIV/0! |

EXAMPLE CONV

RED HEAD!

BLUE HEAD!

April 2018
WTP RO Influent Sample Results

| PARAMETER | 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 | 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 |
| STAGE | G | G | G | G | G | G | G | G | G | G | G | G |
| 1 | | | | | | | | | | | 235,338 | 28,505,495 |
| 2 | | | | | | | | | | | 243,129 | 28,748,625 |
| 3 | | | | | | | | | | | 236,228 | 28,984,853 |
| 4 | 4.10 | 9.52 | 8.84 | 113 | 11.4 | 6.0 | 1270 | 1380 | 0.067 | 6,099 | 220,375 | 29,205,228 |
| 5 | | | | | | | | | | | 243,167 | 29,448,395 |
| 6 | | | | | | | | | | | 235,731 | 29,684,126 |
| 7 | | | | | | | | | | | 235,424 | 29,919,550 |
| 8 | | | | | | | | | | | 233,469 | 30,153,019 |
| 9 | | | | | | | | | | | 243,882 | 30,396,901 |
| 10 | | | | | | | | | | | 221,680 | 30,618,581 |
| 11 | 8.53 | 8.56 | 8.32 | 114 | 9.1 | 6.8 | 1270 | 1340 | 0.074 | 6,342 | 237,982 | 30,856,563 |
| 12 | | | | | | | | | | | 234,376 | 31,090,939 |
| 13 | | | | | | | | | | | 197,506 | 31,288,445 |
| 14 | | | | | | | | | | | 244,319 | 31,532,765 |
| 15 | | | | | | | | | | | 235,740 | 31,768,505 |
| 16 | | | | | | | | | | | 240,869 | 32,009,374 |
| 17 | | | | | | | | | | | 234,840 | 32,244,214 |
| 18 | | | | | | | | | | | 45,406 | 32,289,620 |
| 19 | | | | | | | | | | | 20,632 | 32,310,252 |
| 20 | | | | | | | | | | | 0 | 32,310,252 |
| 21 | | | | | | | | | | | 0 | 32,310,252 |
| 22 | | | | | | | | | | | 31,287 | 32,341,539 |
| 23 | | | | | | | | | | | 0 | 32,341,539 |
| 24 | | | | | | | | | | | 139,955 | 32,481,495 |
| 25 | | | | | | | | | | | 123,576 | 32,605,071 |
| 26 | | | | | | | | | | | 0 | 32,605,071 |
| 27 | | | | | | | | | | | 167,695 | 32,772,766 |
| 28 | | | | | | | | | | | 240,784 | 33,013,550 |
| 29 | | | | | | | | | | | 220,300 | 33,233,849 |
| 30 | | | | | | | | | | | 216,875 | 33,450,724 |
| MIN | | | | 113.00 | 9.10 | 6.00 | 1270.00 | 1340.00 | 0.07 | 6099 | 0 | 28505495 |
| MAX | 8.53 | 9.52 | 8.84 | 114.00 | 11.40 | 6.80 | 1270.00 | 1380.00 | 0.07 | 6342 | 244319 | 33450724 |
| AVERAGE | 6.31 | 9.04 | 8.6 | 114 | 10.3 | 6.4 | 1270.0 | 1360.0 | 0.1 | 6221 | 172686 | 31350719 |

EXAMPLE CONV

RED HEADI

BLUE HEADI