



700 West Liberty Street | Louisville, KY 40203-1911  
Phone: 502.540.6000 | LouisvilleMSD.org

August 9, 2016

Cheryl Edwards  
DMR Coordinator  
300 Sower Blvd., 3<sup>rd</sup> Floor  
Frankfort, Kentucky 40601

**RE: Cedar Creek WQTC, KPDES No: KY0098540  
Discharge Monitoring Report for July 2016.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Cedar Creek WQTC for the month of July 2016.

There were no exceedances, overflows or bypasses to report.

If you have any questions concerning the attached DMR's, please contact me at (502) 715-2789

Sincerely,

Staci Huber  
Process Supervisor

SMH/ Cedar Creek 7/16

Enclosures

cc: T. Singleton  
R. Shaw

**DMR Copy of Record**

|                           |                         |                           |   |
|---------------------------|-------------------------|---------------------------|---|
| <b>Permit</b>             |                         |                           |   |
| <b>Permit #:</b>          | <b>KY0098540</b>        | <b>Permittee:</b>         | Cedar Creek WQTC MSD  |
| <b>Major:</b>             | Yes                     | <b>Permittee Address:</b> | 700 W Liberty St<br>Louisville, KY 40203                            |
| <b>Permitted Feature:</b> | 001<br>External Outfall | <b>Discharge:</b>         | <b>001-1</b><br>MUNICIPAL DISCHARGE                                 |
| <b>Facility:</b>          |                         | <b>Facility Location:</b> | CEDAR CREEK WQTC MSD<br>8405 CEDAR CREEK RD<br>LOUISVILLE, KY 40291 |

|                                  |                                  |                      |                 |
|----------------------------------|----------------------------------|----------------------|-----------------|
| <b>Report Dates &amp; Status</b> |                                  |                      |                 |
| <b>Monitoring Period:</b>        | <b>From 07/01/16 to 07/31/16</b> | <b>DMR Due Date:</b> | <b>08/28/16</b> |
| <b>Status:</b>                   | <b>NetDMR Validated</b>          |                      |                 |

**Considerations for Form Completion**

|                                    |         |                   |                    |
|------------------------------------|---------|-------------------|--------------------|
| <b>Principal Executive Officer</b> |         |                   |                    |
| <b>First Name:</b>                 | Tony A  | <b>Title:</b>     | Executive Director |
| <b>Last Name:</b>                  | Parrott | <b>Telephone:</b> | 502-540-6000       |

**No Data Indicator (NODI)**

Form NODI: --

| Code  | Parameter Name                             | Monitoring Location     | Season # | Param. NODI | Quantity or Loading |         |             |         |               | Quality or Concentration |            |             |           |             | # of Ex.     | Frequency of Analysis  | Sample Type            |                |                    |                      |
|-------|--|-------------------------|----------|-------------|---------------------|---------|-------------|---------|---------------|--------------------------|------------|-------------|-----------|-------------|--------------|------------------------|------------------------|----------------|--------------------|----------------------|
|       |  |                         |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units         | Qualifier 1              | Value 1    | Qualifier 2 | Value 2   | Qualifier 3 |              |                        |                        | Value 3        | Units              |                      |
| 00300 | Oxygen, dissolved [DO]                     | 1 - Effluent Gross      | 0        | --          | Sample              |         |             |         |               |                          | =          | 7.1         |           |             |              |                        | 19 - mg/L              | 01/01 - Daily  | GR - GRAB          |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               | >=                       | 7 INST MIN |             |           |             |              | 19 - mg/L              | 0                      | 01/07 - Weekly | GR - GRAB          |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 00400 | pH   | 1 - Effluent Gross      | 0        | --          | Sample              |         |             |         |               |                          | =          | 7.5         |           |             | =            | 8.1                    | 12 - SU                | 01/01 - Daily  | GR - GRAB          |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               | >=                       | 6 MINIMUM  |             |           | <=          | 9 MAXIMUM    | 12 - SU                | 0                      | 01/07 - Weekly | GR - GRAB          |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 00530 | Solids, total suspended                    | 1 - Effluent Gross      | 0        | --          | Sample              | =       | 133         | =       | 187           | 26 - lb/d                |            | =           | 3         | =           | 3            | 19 - mg/L              | 03/07 - Three Per Week | CP - COMPOS    |                    |                      |
|       |  |                         |          |             | Permit Req.         | <=      | 1877 MO AVG | <=      | 2815 MX WK AV | 26 - lb/d                |            | <=          | 30 MO AVG | <=          | 45 MX WK AV  | 19 - mg/L              | 0                      | 01/07 - Weekly | 24 - COMP24        |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 00530 | Solids, total suspended                    | G - Raw Sewage Influent | 0        | --          | Sample              |         |             |         |               |                          | =          | 329         | =         | 426         | 19 - mg/L    | 03/07 - Three Per Week | CP - COMPOS            |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              | 19 - mg/L              | 0                      | 01/07 - Weekly | 24 - COMP24        |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 00600 | Nitrogen, total [as N]                     | 1 - Effluent Gross      | 0        | --          | Sample              |         |             |         |               |                          | =          | 8           | =         | 9           | 19 - mg/L    | 01/07 - Weekly         | CP - COMPOS            |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              | 19 - mg/L              | 0                      | 01/07 - Weekly | 24 - COMP24        |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 00610 | Nitrogen, ammonia total [as N]             | 1 - Effluent Gross      | 1        | --          | Sample              | =       | 24          | =       | 34            | 26 - lb/d                |            | =           | 0.5       | =           | 0.7          | 19 - mg/L              | 03/07 - Three Per Week | CP - COMPOS    |                    |                      |
|       |  |                         |          |             | Permit Req.         | <=      | 250 MO AVG  | <=      | 376 MX WK AV  | 26 - lb/d                |            | <=          | 4 MO AVG  | <=          | 6 MX WK AV   | 19 - mg/L              | 0                      | 01/07 - Weekly | 24 - COMP24        |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 00665 | Phosphorus, total [as P]                   | 1 - Effluent Gross      | 1        | --          | Sample              |         |             |         |               |                          | =          | 0.3         | =         | 0.4         | 19 - mg/L    | 03/07 - Three Per Week | CP - COMPOS            |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              | 19 - mg/L              | 0                      | 01/07 - Weekly | 24 - COMP24        |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 50050 | Flow, in conduit or thru treatment plant   | 1 - Effluent Gross      | 0        | --          | Sample              | =       | 5.163       | =       | 5.529         | 03 - MGD                 |            |             |           |             |              |                        | 99/99 - Continuous     | CN - CONTIN    |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              |                        |                        | 0              | 99/99 - Continuous | RE - Record (manual) |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 50050 | Flow, in conduit or thru treatment plant   | G - Raw Sewage Influent | 0        | --          | Sample              | =       | 4.526       | =       | 5.054         | 03 - MGD                 |            |             |           |             |              |                        | 99/99 - Continuous     | CN - CONTIN    |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              |                        |                        | 0              | 99/99 - Continuous | RE - Record (manual) |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 51040 | E. coli                                    | 1 - Effluent Gross      | 0        | --          | Sample              |         |             |         |               |                          | =          | 3           | =         | 10          | 13 - #/100mL | 03/07 - Three Per Week | GR - GRAB              |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              |                        | 13 - #/100mL           | 0              | 01/07 - Weekly     | GR - GRAB            |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 80082 | BOD, carbonaceous [5 day, 20 C]            | 1 - Effluent Gross      | 0        | --          | Sample              | =       | 120         | =       | 163           | 26 - lb/d                |            | =           | 3         | =           | 3            | 19 - mg/L              | 03/07 - Three Per Week | CP - COMPOS    |                    |                      |
|       |  |                         |          |             | Permit Req.         | <=      | 626 MO AVG  | <=      | 939 MX WK AV  | 26 - lb/d                |            | <=          | 10 MO AVG | <=          | 15 MX WK AV  | 19 - mg/L              | 0                      | 01/07 - Weekly | 24 - COMP24        |                      |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 80082 | BOD, carbonaceous [5 day, 20 C]            | G - Raw Sewage Influent | 0        | --          | Sample              |         |             |         |               |                          | =          | 221         | =         | 241         | 19 - mg/L    | 03/07 - Three Per Week | CP - COMPOS            |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              |                        | 19 - mg/L              | 0              | 01/07 - Weekly     | 24 - COMP24          |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 80091 | BOD, carb-5 day, 20 deg C, percent removal | K - Percent Removal     | 0        | --          | Sample              |         |             |         |               |                          | =          | 99          |           |             | 23 - %       | 01/30 - Monthly        | CA - CALCTD            |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              |                        | 23 - %                 | 0              | 01/30 - Monthly    | CA - CALCTD          |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |
| 81011 | Solids, suspended percent removal          | K - Percent Removal     | 0        | --          | Sample              |         |             |         |               |                          | =          | 99          |           |             | 23 - %       | 01/30 - Monthly        | CA - CALCTD            |                |                    |                      |
|       |  |                         |          |             | Permit Req.         |         |             |         |               |                          |            |             |           |             |              |                        | 23 - %                 | 0              | 01/30 - Monthly    | CA - CALCTD          |
|       |  |                         |          |             | Value NODI          |         |             |         |               |                          |            |             |           |             |              |                        |                        |                |                    |                      |

**Submission Note**  
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
No errors.

**Comments**

**Attachments**

| Name                              | Type | Size   |
|-----------------------------------|------|--------|
| 072016_CedarCreek_Coverletter.pdf | pdf  | 73305  |
| CCMOR072016.pdf                   | pdf  | 116522 |

**Report Last Saved By**

**Cedar Creek WQTC MSD**

|                                      |   |
|--------------------------------------|---|
| User: kevin.ries@louisvillemsd.org   | Date/Time: 2016-08-18 14:12 (Time Zone: -04:00) |
| Name: Kevin Ries                     |   |
| E-Mail: kevin.ries@louisvillemsd.org |   |

| DATE | TOTAL FLOW<br>(MILLION GALLONS) | RAW SEWAGE                   |                            | pH  |       | SETTLABLE SOLIDS (mg/L) |                  |                | DISSOLVED OXYGEN (mg/L) |                |              | SUSPENDED SOLIDS (mg/L) |                  |                | 5 DAY CBOD (mg/L) |                  |                | ACTIVATED SLUDGE |             |                | AERATION BASIN |                        |                    |                     |                       |         | SLUDGE HANDLING |              |                   |              |                   |                          | FINAL        |       | Total Phosphorus | Total Nitrogen | TOTAL FLOW INF. (MILLION GALLONS) |      |      |  |      |      |        |      |      |
|------|---------------------------------|------------------------------|----------------------------|-----|-------|-------------------------|------------------|----------------|-------------------------|----------------|--------------|-------------------------|------------------|----------------|-------------------|------------------|----------------|------------------|-------------|----------------|----------------|------------------------|--------------------|---------------------|-----------------------|---------|-----------------|--------------|-------------------|--------------|-------------------|--------------------------|--------------|-------|------------------|----------------|-----------------------------------|------|------|--|------|------|--------|------|------|
|      |                                 | GRIT REMOVED<br>(CUBIC FEET) | SCREENINGS<br>(CUBIC FEET) | RAW | FINAL | RAW                     | PRIMARY EFFLUENT | FINAL EFFLUENT | STREAM ABOVE            | FINAL EFFLUENT | STREAM BELOW | RAW                     | PRIMARY EFFLUENT | FINAL EFFLUENT | RAW               | PRIMARY EFFLUENT | FINAL EFFLUENT | GAL/DAY X 1000   | MLSS X 1000 | GAL/DAY X 1000 | WASTE          | DISOLVED OXYGEN (mg/L) | MLSS (mg/L) x 1000 | MLVSS (mg/L) X 1000 | SETTLED SLUDGE VOLUME |         | RAW             |              | HAULED            |              |                   |                          | NH3-N (mg/L) | ECOLI |                  |                |                                   |      |      |  |      |      |        |      |      |
|      |                                 |                              |                            |     |       |                         |                  |                |                         |                |              |                         |                  |                |                   |                  |                |                  |             |                |                |                        |                    |                     | 30 MIN.               | 60 MIN. | GALLONS X 1000  | % DRY SOLIDS | % VOLATILE SOLIDS | % DRY SOLIDS | % VOLATILE SOLIDS | WITHDRAWN GALLONS X 1000 |              |       |                  |                |                                   |      |      |  |      |      |        |      |      |
| 1    | 3.80                            |                              |                            | 7.3 | 7.6   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 4440             | 90000       |                |                | 4.2                    | 2450               | 2100                | 340                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      |      |        |      |      |
| 2    | 3.59                            |                              |                            | 7.5 | 7.6   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 4530             | 75000       |                |                | 4.4                    | 2250               | 1850                | 340                   | 310     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      |      |        | 3.24 |      |
| 3    | 3.71                            |                              |                            | 7.3 | 7.7   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 5150             | 70000       |                |                | 4.6                    | 2280               | 2000                | 370                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      |      | 3.14   |      |      |
| 4    | 8.57                            |                              |                            | 7.2 | 7.6   | 22.0                    |                  |                |                         |                |              |                         |                  | 334            |                   | 3                | 171            | 2                | 9020        | 40000          |                |                        | 5.3                | 2120                | 1790                  | 310     | 280             |              |                   |              |                   |                          |              |       |                  | 1.00           |                                   |      |      |  |      | 8.02 |        |      |      |
| 5    | 7.97                            |                              |                            | 7.0 | 7.9   | 18.0                    |                  |                |                         |                |              |                         |                  | 242            |                   | 3                | 171            | 3                | 3020        | 70000          |                |                        | 2.6                | 1590                | 1380                  | 200     | 200             |              |                   |              |                   |                          |              |       |                  | 0.20           | 30                                | 0.3  | 5.72 |  |      | 6.98 |        |      |      |
| 6    | 8.89                            |                              |                            | 7.1 | 8.0   | 20.0                    |                  |                |                         |                |              |                         |                  | 236            |                   | 3                | 169            | 3                | 3160        | 90000          |                |                        | 3.8                | 2010                | 1740                  | 250     | 230             |              |                   |              |                   |                          |              |       |                  | 0.20           | 37                                | 0.51 |      |  |      | 5.2  |        |      |      |
| 7    | 5.17                            |                              |                            | 7.3 | 7.9   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 4              | 4980             | 75000       |                |                | 4.3                    | 2670               | 2230                | 300                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      | 1    |  |      | 4.56 |        |      |      |
| 8    | 4.76                            |                              |                            | 7.2 | 7.8   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 4              | 4450             | 90000       |                |                | 5.2                    | 2800               | 2290                | 350                   | 310     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 4.14 |        |      |      |
| 9    | 4.85                            |                              |                            | 7.4 | 7.8   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 5              | 4860             | 80000       |                |                | 5.4                    | 2710               | 2240                | 350                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 4.2  |        |      |      |
| 10   | 5.14                            |                              |                            | 7.3 | 7.9   | 26.0                    |                  |                |                         |                |              |                         |                  | 366            |                   | 3                | 263            | 3                | 6240        | 75000          |                |                        | 4.6                | 3160                | 2610                  | 360     | 320             |              |                   |              |                   |                          |              |       |                  | 0.20           |                                   | 0.3  |      |  |      | 3.91 |        |      |      |
| 11   | 4.31                            |                              |                            | 7.2 | 8.0   | 22.0                    |                  |                |                         |                |              |                         |                  | 228            |                   | 3                | 283            | 3                | 2           | 5780           | 70000          |                        |                    | 3.9                 | 2520                  | 2280    | 370             | 310          |                   |              |                   |                          |              |       |                  | 0.11           | 1                                 | 0.3  | 8.77 |  |      | 3.57 |        |      |      |
| 12   | 6.28                            |                              |                            | 7.1 | 8.0   | 22.0                    |                  |                |                         |                |              |                         |                  | 236            |                   | 3                | 176            | 2                | 2           | 5900           | 62000          |                        |                    | 2.8                 | 2350                  | 1940    | 320             | 300          |                   |              |                   |                          |              |       |                  | 1.70           | 1                                 | 0.3  |      |  |      | 6.18 |        |      |      |
| 13   | 7.12                            |                              |                            | 7.2 | 7.9   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 3              | 3780             | 47000       |                |                | 3.0                    | 1150               | 1060                | 160                   | 160     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   | 2    |      |  |      | 6.04 |        |      |      |
| 14   | 5.50                            |                              |                            | 7.2 | 7.7   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 4              | 4230             | 53000       |                |                | 3.8                    | 1430               | 1210                | 180                   | 180     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 4.86 |        |      |      |
| 15   | 4.91                            |                              |                            | 7.4 | 7.8   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 4              | 5860             | 63000       |                |                | 4.7                    | 2360               | 2010                | 330                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 4.35 |        |      |      |
| 16   | 4.51                            |                              |                            | 7.4 | 7.7   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 3              | 6180             | 70000       |                |                | 3.9                    | 2410               | 2030                | 320                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 3.97 |        |      |      |
| 17   | 4.29                            |                              |                            | 7.3 | 8.1   | 16.0                    |                  |                |                         |                |              |                         |                  | 268            |                   | 3                | 263            | 3                | 3           | 4920           | 76000          |                        |                    | 4.5                 | 2390                  | 2050    | 320             | 300          |                   |              |                   |                          |              |       |                  | 0.20           |                                   | 0.37 |      |  |      | 3.81 |        |      |      |
| 18   | 4.23                            |                              |                            | 7.1 | 8.1   | 20.0                    |                  |                |                         |                |              |                         |                  | 432            |                   | 3                | 262            | 3                | 4           | 6430           | 62000          |                        |                    | 3.0                 | 2680                  | 2280    | 300             | 300          |                   |              |                   |                          |              |       |                  | 0.20           | 1                                 | 0.3  | 7.86 |  |      | 3.52 |        |      |      |
| 19   | 4.82                            |                              |                            | 7.1 | 7.6   | 18.0                    |                  |                |                         |                |              |                         |                  | 328            |                   | 3                | 176            | 3                | 4           | 5380           | 72000          |                        |                    | 4.3                 | 2480                  | 2120    | 340             | 300          |                   |              |                   |                          |              |       |                  | 0.36           | 1                                 | 0.3  |      |  |      | 3.4  |        |      |      |
| 20   | 4.64                            |                              |                            | 7.2 | 7.9   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 5610             | 70000       |                |                | 3.6                    | 2540               | 2190                | 330                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   | 1    |      |  |      | 3.84 |        |      |      |
| 21   | 4.97                            |                              |                            | 7.4 | 7.8   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 8110             | 45000       |                |                | 4.1                    | 2370               | 1980                | 300                   | 300     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 4.36 |        |      |      |
| 22   | 4.36                            |                              |                            | 7.5 | 7.9   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 6530             | 55000       |                |                | 3.7                    | 2440               | 2030                | 300                   | 270     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 3.7  |        |      |      |
| 23   | 4.05                            |                              |                            | 7.4 | 7.9   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 2              | 5240             | 70000       |                |                | 3.8                    | 2470               | 1980                | 300                   | 270     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 3.56 |        |      |      |
| 24   | 4.04                            |                              |                            | 7.4 | 7.7   | 20.0                    |                  |                |                         |                |              |                         |                  | 392            |                   | 3                | 207            | 3                | 2           | 5420           | 65000          |                        |                    | 2.9                 | 2310                  | 1960    | 300             | 270          |                   |              |                   |                          |              |       |                  | 1.30           |                                   | 0.3  |      |  |      | 3.5  |        |      |      |
| 25   | 4.15                            |                              |                            | 7.1 | 8.0   | 20.0                    |                  |                |                         |                |              |                         |                  | 498            |                   | 3                | 293            | 2                | 2           | 5890           | 60000          |                        |                    | 2.7                 | 2340                  | 1940    | 300             | 270          |                   |              |                   |                          |              |       |                  | 0.20           | 5                                 | 0.3  | 7.77 |  |      | 3.5  |        |      |      |
| 26   | 4.10                            |                              |                            | 7.1 | 8.0   | 26.0                    |                  |                |                         |                |              |                         |                  | 388            |                   | 3                | 222            | 3                | 1           | 7390           | 45000          |                        |                    | 4.9                 | 2190                  | 1860    | 270             | 270          |                   |              |                   |                          |              |       |                  | 0.20           | 1                                 | 0.3  |      |  |      | 3.46 |        |      |      |
| 27   | 3.54                            |                              |                            | 7.0 | 8.1   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 1              | 7820             | 45000       |                |                | 5.1                    | 2230               | 1840                | 290                   | 240     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   | 7    |      |  | 3.29 |      |        |      |      |
| 28   | 6.31                            |                              |                            | 7.0 | 7.5   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 1              | 5460             | 60000       |                |                | 2.0                    | 2070               | 1670                | 280                   | 250     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 5.97 |        |      |      |
| 29   | 5.45                            |                              |                            | 7.3 | 8.0   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 3              | 4650             | 78000       |                |                | 4.9                    | 2300               | 2070                | 280                   | 250     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      | 4.83 |        |      |      |
| 30   | 7.61                            |                              |                            | 7.3 | 8.0   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 3              | 5010             | 80000       |                |                | 4.3                    | 2720               | 2240                | 300                   | 250     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      |      | 6.46   |      |      |
| 31   | 7.52                            |                              |                            | 7.3 | 7.8   |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 3              | 2590             | 80000       |                |                | 4.4                    | 1400               | 1260                | 200                   | 180     |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      |      | 6.51   |      |      |
| Tol. | ####                            |                              |                            |     |       |                         |                  |                |                         |                |              |                         |                  |                |                   |                  | 85.8           |                  |             |                |                |                        |                    |                     |                       |         |                 |              |                   |              |                   |                          |              |       |                  |                |                                   |      |      |  |      |      |        |      | 6.51 |
| Avg. | 5.26                            |                              |                            | 7.2 | 7.8   | 20.8                    |                  |                |                         |                |              |                         |                  | 329            |                   | 3                | 221            | 3                | 2.77        | 5420           | 67193.5        |                        | 4.02               | 2296                | 1943                  | 299     | 272             |              |                   |              |                   |                          |              |       |                  | 0.49           | 3                                 | 0.32 | 7.53 |  |      |      | 139.31 |      |      |

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 50126 FLOW      57150 CBOD      68769 TSS

Joseph Shaun Smith      #####  
 OPERATOR      CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS \_\_\_\_\_  
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-239-7695  
 PLANT TELEPHONE