

Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)



January 13, 2013

Cheryl Edwards  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**RE: Floyds Fork WQTC, KPDES No: KY0102784  
Discharge Monitoring Report for December of 2012**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC for the month of December, 2012.

There were no exceedences, bypasses or overflows to report.

Attached is the 4<sup>th</sup> Quarter Bio-Monitoring DMR.

If you have any questions concerning the attached DMR's, please contact me at (502) 587-5832

Sincerely,

A handwritten signature in cursive script that reads "Richard Mills".

Richard Mills  
Process Supervisor of Metro Operations.

RM/ Floyds Fork 12/12

Enclosures  
CC T. Singleton  
R. Shaw



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

**NAME** FLOYDS FORK WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
**FACILITY** FLOYDS FORK WQTC MSD

KY0102784  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL JEFFE  
MUNICIPAL DISCHARGE  
EFFLUENT  
[ ] No Discharge

**LOCATION** LOUISVILLE KY 40245  
**ATTN:** DENNIS THOMASSON SR. METRO OPS

| MONITORING PERIOD |    |     |       |    |     |
|-------------------|----|-----|-------|----|-----|
| YEAR              | MO | DAY | YEAR  | MO | DAY |
| FROM 12           | 12 | 01  | TO 12 | 12 | 31  |

NOTE: Read instructions before completing this form

| PARAMETER   | SAMPLE MEASUREMENT  | QUANTITY OR LOADING |                 |             | QUALITY OR CONCENTRATION                                     |               |                 |           | NO EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|---|---------------------|-----------------|-------------|--|---------------|-----------------|-----------|-------|-----------------------|-------------|
|   |   | AVERAGE             | MAXIMUM         | UNITS       | MINIMUM  | AVERAGE       | MAXIMUM         | UNITS     |       |                       |             |
| OXYGEN, DISSOLVED (DO)<br>00300 1 0 0<br>EFFLUENT GROSS VALUE         | PERMIT MEASUREMENT  | *****               | *****           | ***         | 10   | *****         | *****           | (19) MG/L | 0     | 1/1                   | GR          |
| PH  | PERMIT MEASUREMENT  | *****               | *****           | ***         | 7 INST. MIN  | *****         | *****           | (19) MG/L |       | THREE/WEEK            | GRAB        |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                   | PERMIT MEASUREMENT  | *****               | *****           | ***         | 7.1  | *****         | 8.5             | (12) SU   | 0     | 1/1                   | GR          |
| SOLIDS, TOTAL SUSPENDED<br>00530 G 0 0<br>RAW SEW/INFLUENT            | PERMIT MEASUREMENT  | *****               | *****           | ***         | 6.0 MINIMUM  | *****         | 9.0 MAXIMUM     | (12) SU   |       | THREE/WEEK            | GRAB        |
| SOLIDS, TOTAL SUSPENDED<br>00530 G 0 0<br>RAW SEW/INFLUENT            | PERMIT MEASUREMENT  | 15755               | 16914           | (26) LBS/DY | *****  | 493           | 645             | (19) MG/L | 0     | 3/7                   | CP          |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE        | PERMIT MEASUREMENT  | REPORT MO AVG       | REPORT MX WK AV | (26) LBS/DY | *****  | REPORT MO AVG | REPORT MX WK AV | (19) MG/L |       | THREE/WEEK            | COMPOS      |
| NITROGEN, AMMONIA TOTAL (AS N)<br>00610 G 0 0<br>RAW SEW/INFLUENT     | PERMIT MEASUREMENT  | 74                  | 88              | (26) LBS/DY | *****  | 2             | 3               | (19) MG/L | 0     | 3/7                   | CP          |
| NITROGEN, AMMONIA TOTAL (AS N)<br>00610 1 0 0<br>EFFLUENT GROSS VALUE | PERMIT MEASUREMENT  | 813 MO AVG          | 1220 MX WK AV   | (26) LBS/DY | *****  | 30 MO AVG     | 45 MX WK AV     | (19) MG/L |       | THREE/WEEK            | COMPOS      |
| NITROGEN, AMMONIA TOTAL (AS N)<br>00610 1 2 0<br>EFFLUENT GROSS VALUE | PERMIT MEASUREMENT  | 490                 | 534             | (26) LBS/DY | *****  | 16            | 22              | (19) MG/L | 0     | 3/7                   | CP          |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | PERMIT MEASUREMENT  | REPORT MO AVG       | REPORT MX WK AV | (26) LBS/DY | *****  | REPORT MO AVG | REPORT MX WK AV | (19) MG/L |       | THREE/WEEK            | COMPOS      |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | PERMIT MEASUREMENT  | 46                  | 147             | (26) LBS/DY | *****  | 2             | 6.3             | (19) MG/L | 0     | 3/7                   | CP          |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | PERMIT MEASUREMENT  | 136 MO AVG          | 203 MX WK AV    | (26) LBS/DY | *****  | 5 MO AVG      | 7.5 MX WK AV    | (19) MG/L |       | THREE/WEEK            | COMPOS      |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | PERMIT MEASUREMENT  | *****               | *****           | ****        | *****  | 0.5           | 0.9             | (19) MG/L | 0     | 3/7                   | CP          |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | PERMIT MEASUREMENT  | *****               | *****           | ****        | *****  | 1.0 MO AVG    | 1.5 MX WK AV    | (19) MG/L |       | THREE/WEEK            | COMPOS      |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years. |                     |                 |             | TELEPHONE  |               | DATE            |           |       |                       |             |
| Greg C. Heitzman<br>EXECUTIVE DIRECTOR                                |   |                     |                 |             | Richard Mills  |               | 502             | 540-6000  | 13    | 01                    | 13          |
| TYPED OR PRINTED  |   |                     |                 |             | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT |               | AREA CODE       | NUMBER    | YEAR  | MO                    | DAY         |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

**NAME** FLOYDS FORK WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
**FACILITY** FLOYDS FORK WQTC MSD

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

KY0102784  
 PERMIT NUMBER

001 1  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 MUNICIPAL DISCHARGE  
 EFFLUENT  
 [ ] No Discharge

**LOCATION** LOUISVILLE KY 40245  
**ATTN:** DENNIS THOMASSON SR. METRO OPS

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 12                | 12 | 01  |    | 12   | 12 | 31  |

NOTE: Read instructions before completing this form

| PARAMETER  | MEASUREMENT   | QUANTITY OR LOADING |                 |             | QUALITY OR CONCENTRATION |                           |                 |                  | NO EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|--|---|---------------------|-----------------|-------------|--------------------------|---------------------------|-----------------|------------------|-------|-----------------------|-------------|
|  |   | AVERAGE             | MAXIMUM         | UNITS       | MINIMUM                  | AVERAGE                   | MAXIMUM         | UNITS            |       |                       |             |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>50050 1 0 0                          | SAMPLE MEASUREMENT  | 4.53                | 9.86            | (03) MGD    | *****                    | *****                     | *****           | ***              | 0     | CN                    | CN          |
| EFFLUENT GROSS VALUE   | PERMIT MEASUREMENT  | REPORT MO AVG       | REPORT DAILY MX | (03) MGD    | *****                    | *****                     | *****           | ***              |       | CONTINUOUS            | CONTINUOUS  |
| COLIFORM, FECAL GENERAL<br>74055 1 0 0   | SAMPLE MEASUREMENT  | *****               | *****           | ***         | *****                    | 3                         | 6               | (13) 100ML       | 0     | 3/7                   | GR          |
| EFFLUENT GROSS VALUE   | PERMIT MEASUREMENT  | *****               | *****           | ***         | *****                    | 200 30DA GEO              | 400 7 DA GEO    | (13) 100ML       |       | THREE/WEEK            | GRAB        |
| BOD, CARBONACEOUS 05 DAY, 20C<br>80082 G 0 0                                     | SAMPLE MEASUREMENT  | 5710                | 7199            | (26) LBS/DY | *****                    | 177                       | 235             | (19) MG/L        | 0     | 3/7                   | CP          |
| RAW SEW/INFLUENT   | PERMIT MEASUREMENT  | REPORT MO AVG       | REPORT MX WK AV | (26) LBS/DY | *****                    | REPORT MO AVG             | REPORT MX WK AV | (19) MG/L        |       | THREE/WEEK            | COMPOS      |
| BOD, CARBONACEOUS 05 DAY, 20C<br>80082 1 0 0                                     | SAMPLE MEASUREMENT  | 73                  | 88              | (26) LBS/DY | *****                    | 2                         | 3               | (19) MG/L        | 0     | 3/7                   | CP          |
| EFFLUENT GROSS VALUE   | PERMIT MEASUREMENT  | 271 MO AVG          | 407 MX WK AV    | (26) LBS/DY | *****                    | 10 MO AVG                 | 15 MX WK AV     | (19) MG/L        |       | THREE/WEEK            | COMPOS      |
| BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL<br>80091 K 0 0                          | SAMPLE MEASUREMENT  | *****               | *****           | ***         | 99                       | *****                     | *****           | (23) CENT        | 0     | 1/31                  | CA          |
| PERCENTREMOVAL   | PERMIT MEASUREMENT  | *****               | *****           | ***         | 85 MO MIN                | *****                     | *****           | (23) CENT        |       | ONCE/MONTH            | CALCTD      |
| SOLIDS, SUSPENDED PERCENT REMOVAL<br>81011 K 0 0                                 | SAMPLE MEASUREMENT  | *****               | *****           | ***         | 100                      | *****                     | *****           | (23) CENT        | 0     | 1/31                  | CA          |
| PERCENTREMOVAL   | PERMIT MEASUREMENT  | *****               | *****           | ***         | 85 MO MIN                | *****                     | *****           | (23) CENT        |       | ONCE/MONTH            | CALCTD      |
|  | SAMPLE MEASUREMENT  |                     |                 |             |                          |                           |                 |                  |       |                       |             |
|  | PERMIT MEASUREMENT  |                     |                 |             |                          |                           |                 |                  |       |                       |             |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br>Greg C. Heitzman<br>EXECUTIVE DIRECTOR | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years. |                     |                 |             |                          | TELEPHONE<br>502 540-6000 |                 | DATE<br>13 01 13 |       |                       |             |
| TYPED OR PRINTED   | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br><i>Richard Mitlo</i>  |                     |                 |             |                          | AREA CODE                 | NUMBER          | YEAR             | MO    | DAY                   |             |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME FLOYDS FORK WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY FLOYDS FORK WQTC MSD

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0102784  
 PERMIT NUMBER

001 Y  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 QUARTERLY METALS/BIOMONITORING EFFLUENT  
 [ ] No Discharge

LOCATION LOUISVILLE KY 40245  
 ATTN: DENNIS THOMASSON SR. METRO OPS

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 12                | 10 | 01  |    | 12   | 12 | 31  |

NOTE: Read instructions before completing this form

| PARAMETER   | X   | QUANTITY OR LOADING |         |       | QUALITY OR CONCENTRATION |               |                 |             | NO EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|---|---------------------|---------|-------|--------------------------|---------------|-----------------|-------------|-------|-----------------------|-------------|
|   |   | AVERAGE             | MAXIMUM | UNITS | MINIMUM                  | AVERAGE       | MAXIMUM         | UNITS       |       |                       |             |
| HARDNESS, TOTAL (AS CaCO3)<br>00900 1 0 0<br>EFFLUENT GROSS VALUE             | SAMPLE MEASUREMENT  | *****               | *****   | ***   | *****                    | 249           | 249             | (19) MG/L   | 0     | 1/90                  | CP          |
|   | PERMIT MEASUREMENT  | *****               | *****   | ***   | *****                    | REPORT MO AVG | REPORT DAILY MX | (19) MG/L   |       | ONCE/MONTH            | COMPOS      |
| ZINC<br>TOTAL RECOVERABLE<br>01094 1 0 0<br>EFFLUENT GROSS VALUE              | SAMPLE MEASUREMENT  | *****               | *****   | ***   | *****                    | 0.030         | 0.030           | (19) MG/L   | 0     | 1/90                  | CP          |
|   | PERMIT MEASUREMENT  | *****               | *****   | ***   | *****                    | REPORT MO AVG | REPORT DAILY MX | (19) MG/L   |       | QTRLY                 | COMPOS      |
| CADMIUM<br>TOTAL RECOVERABLE<br>01113 1 0 0<br>EFFLUENT GROSS VALUE           | SAMPLE MEASUREMENT  | *****               | *****   | ***   | *****                    | <0.001        | <0.001          | (19) MG/L   | 0     | 1/90                  | CP          |
|   | PERMIT MEASUREMENT  | *****               | *****   | ***   | *****                    | REPORT MO AVG | REPORT DAILY MX | (19) MG/L   |       | QTRLY                 | COMPOS      |
| LEAD<br>TOTAL RECOVERABLE<br>01114 1 0 0<br>EFFLUENT GROSS VALUE              | SAMPLE MEASUREMENT  | *****               | *****   | ***   | *****                    | <0.080        | <0.080          | (19) MG/L   | 0     | 1/90 MONTH            | CP          |
|   | PERMIT MEASUREMENT  | *****               | *****   | ***   | *****                    | REPORT MO AVG | REPORT DAILY MX | (19) MG/L   |       | ONCE/MONTH            | COMPOS      |
| COPPER<br>TOTAL RECOVERABLE<br>01119 1 0 0<br>EFFLUENT GROSS VALUE            | SAMPLE MEASUREMENT  | *****               | *****   | ***   | *****                    | <0.006        | <0.006          | (19) MG/L   | 0     | 1/90                  | CP          |
|   | PERMIT MEASUREMENT  | *****               | *****   | ***   | *****                    | REPORT MO AVG | REPORT DAILY MX | (19) MG/L   |       | QTRLY                 | COMPOS      |
| TOXICITY, FINAL CONC<br>TOXICITY UNITS<br>61406 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT  | *****               | *****   | ***   | *****                    | *****         | <1              | (2G) TOXCTY | 0     | 1/90                  | CP          |
|   | PERMIT MEASUREMENT  | *****               | *****   | ***   | *****                    | *****         | REPORT DAILY MX | (2G) TOXCTY |       | QTRLY                 | COMPOS      |
|   | SAMPLE MEASUREMENT  |                     |         |       |                          |               |                 |             |       |                       |             |
|   | PERMIT MEASUREMENT  |                     |         |       |                          |               |                 |             |       |                       |             |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years. |                     |         |       |                          | TELEPHONE     |                 | DATE        |       |                       |             |
| Greg C. Heitzman<br>Executive Director  |   |                     |         |       |                          | 502 540-6000  |                 | 13          | 01    | 13                    |             |
| TYPED OR PRINTED  | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  |                     |         |       |                          | AREA CODE     | NUMBER          | YEAR        | MO    | DAY                   |             |
|   | Richard Mills   |                     |         |       |                          |               |                 |             |       |                       |             |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

NAME OF TREATMENT PLANT FLOYDS FORK COUNTY JEFFERSON MONTH OF: December 2012  
 KPDES PERMIT NUMBER KY0102784 PLANT CAPACITY 3.5 MGD RECEIVING STREAM FLOYDS FORK

| DATE | TOTAL FLOW (MILLION GALLONS) |                         | RAW SEWAGE |       | pH  |                  | SETTLEABLE SOLIDS (mg/L) |              |                | DISSOLVED OXYGEN (mg/L) |     |                  | SUSPENDED SOLIDS (mg/L) |     |                  | 5 DAY CBOD (mg/L) |        |            | ACTIVATED SLUDGE |                         | AERATION BASIN     |                     |         |         |              |              | SLUDGE HANDLING   |              |                   |                        | FINAL                    |              |                                 |
|------|------------------------------|-------------------------|------------|-------|-----|------------------|--------------------------|--------------|----------------|-------------------------|-----|------------------|-------------------------|-----|------------------|-------------------|--------|------------|------------------|-------------------------|--------------------|---------------------|---------|---------|--------------|--------------|-------------------|--------------|-------------------|------------------------|--------------------------|--------------|---------------------------------|
|      | GRIT REMOVED (CUBIC FEET)    | SCREENINGS (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    | 7      | MLSS x1000 | GAL/DAY x1000    | DISSOLVED OXYGEN (mg/L) | MLSS (mg/L) x 1000 | MLVSS (mg/L) x 1000 | 30 MIN. | 60 MIN. | GALLONS 1000 | % DRY SOLIDS | % VOLATILE SOLIDS | % DRY SOLIDS | % VOLATILE SOLIDS | WITHDRAWN GALLONS 1000 | PHOSPHORUS, TOTAL (mg/L) | NH3-N (mg/L) | FECAL COLIFORM (COLONIES/100ML) |
| 1    | 3.25                         | 2.48                    | 2.5        | 7.1   | 8.0 |                  |                          |              | 9.9            |                         |     |                  |                         |     |                  |                   | 0.029  | 4.25       | 65               | 3.4                     | 2.91               | 2.367               | 300     |         | 1.909        |              |                   |              |                   | 0                      |                          |              |                                 |
| 2    | 2.75                         | 2.48                    | 2.5        | 7.3   | 7.8 |                  |                          |              | 10.0           |                         | 680 |                  |                         | 4   | 234              |                   | 0.853  | 8.87       | 28               | 3.2                     | 2.23               | 1.83                | 250     |         | 2.004        |              |                   |              |                   | 0                      | 1.22                     | 4.50         | 4                               |
| 3    | 2.70                         | 2.48                    | 2.5        | 7.1   | 7.8 |                  |                          |              | 10.0           |                         | 495 |                  |                         | 2   | 313              |                   | 0.731  | 6.72       | 48               | 2.4                     | 2.9                | 2.35                | 340     |         | 1.996        |              |                   |              | 36.6              | 1.21                   | 7.84                     | 5            |                                 |
| 4    | 2.92                         | 2.48                    | 2.5        | 7.2   | 8.2 |                  |                          |              | 10.0           |                         | 760 |                  |                         | 3   | 158              |                   | 0.72   | 6.72       | 48               | 3.2                     | 2.99               | 2.4                 | 320     |         | 2.212        |              |                   |              | 72                | 1.16                   | 6.60                     | 10           |                                 |
| 5    | 3.45                         | 2.48                    | 2.5        | 7.1   | 8.0 |                  |                          |              | 10.0           |                         |     |                  |                         |     |                  |                   | 7.29   | 7.39       | 40               | 3.2                     | 2.77               | 2.25                | 300     |         | 2.519        |              |                   |              | 99                |                        |                          |              |                                 |
| 6    | 2.27                         | 2.48                    | 2.5        | 7.2   | 7.9 |                  |                          |              | 9.8            |                         |     |                  |                         |     |                  |                   | 1.37   | 7.38       | 40               | 3.1                     | 2.88               | 2.36                | 300     |         | 2.227        |              |                   |              | 73.5              | 0.23                   |                          |              |                                 |
| 7    | 7.40                         | 2.48                    | 2.5        | 7.1   | 8.0 |                  |                          |              | 9.9            |                         |     |                  |                         |     |                  |                   | 2.52   | 8.4        | 38               | 3                       | 2.87               | 2.38                | 300     |         | 6.066        |              |                   |              | 0                 | 0.81                   |                          |              |                                 |
| 8    | 9.26                         | 2.48                    | 2.5        | 7.2   | 7.5 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.5    | 7.26       | 28               | 6.7                     | 1.83               | 1.52                | 200     |         | 6.748        |              |                   |              | 0                 |                        |                          |              |                                 |
| 9    | 6.43                         | 2.48                    | 2.5        | 7.8   | 8.2 |                  |                          |              | 12.0           |                         |     |                  |                         |     |                  |                   | 2.35   | 6.78       | 28               | 8                       | 1.74               | 1.48                | 200     |         | 4.766        |              |                   |              | 0                 | 0.27                   |                          |              |                                 |
| 10   | 9.85                         | 2.48                    | 2.5        | 7.3   | 8.0 |                  |                          |              | 12.0           |                         |     |                  |                         |     |                  |                   | 2.4    | 6.87       | 22               | 7.2                     | 1.48               | 1.16                | 200     |         | 6.715        |              |                   |              | 0                 | 0.38                   |                          |              |                                 |
| 11   | 5.11                         | 2.48                    | 2.5        | 6.9   | 7.7 |                  |                          |              | 12.0           |                         | 362 |                  | 2                       | 148 |                  | 2                 | 2.17   | 8.6        | 43               | 4.2                     | 3.43               | 2.78                | 320     |         | 3.697        |              |                   | 72.85        | 0.43              | 0.17                   | 2                        |              |                                 |
| 12   | 4.06                         | 2.48                    | 2.5        | 7.0   | 7.9 |                  |                          |              | 12.0           |                         | 662 |                  | 2                       | 208 |                  | 2                 | 2.17   | 7.29       | 48               | 7.2                     | 3.4                | 2.68                | 400     |         | 2.991        |              |                   | 120          | 0.54              | 0.28                   | 3                        |              |                                 |
| 13   | 3.62                         | 2.48                    | 2.5        | 7.0   | 8.0 |                  |                          |              | 12.0           |                         | 428 |                  | 2                       | 174 |                  | 2                 | 2.19   | 7.98       | 45               | 6.8                     | 3.47               | 2.76                | 400     |         | 2.78         |              |                   | 105.3        | 0.76              | 0.17                   | 2                        |              |                                 |
| 14   | 3.43                         | 2.48                    | 2.5        | 6.9   | 7.8 |                  |                          |              | 12.0           |                         |     |                  |                         |     |                  |                   | 2      | 5.72       | 65               | 7.1                     | 3.51               | 2.81                | 400     |         | 2.645        |              |                   | 0            |                   |                        |                          |              |                                 |
| 15   | 3.43                         | 2.48                    | 2.5        | 7.1   | 7.5 |                  |                          |              | 12.0           |                         |     |                  |                         |     |                  |                   | 2.13   | 5.43       | 62               | 7                       | 3.24               | 2.66                | 400     |         | 2.591        |              |                   | 0            |                   |                        |                          |              |                                 |
| 16   | 3.52                         | 2.48                    | 2.5        | 7.0   | 7.1 |                  |                          |              | 11.0           |                         | 470 |                  | 2                       | 206 |                  | 2                 | 2.22   | 5.8        | 58               | 6.1                     | 3.2                | 2.64                | 350     |         | 2.648        |              |                   | 0            | 0.34              | 0.28                   | 2                        |              |                                 |
| 17   | 3.91                         | 2.48                    | 2.5        | 7.0   | 7.3 |                  |                          |              | 10.0           |                         | 564 |                  | 2                       | 103 |                  | 2                 | 1.96   | 6.82       | 52               | 4.6                     | 3.27               | 2.6                 | 360     |         | 2.969        |              |                   | 0            | 0.38              | 0.39                   | 2                        |              |                                 |
| 18   | 4.32                         | 2.48                    | 2.5        | 7.0   | 7.8 |                  |                          |              | 11.0           |                         | 286 |                  | 2                       | 74  |                  | 2                 | 2.05   | 6.81       | 50               | 5.2                     | 3.32               | 2.72                | 380     |         | 3.284        |              |                   | 0            | 0.26              | 0.17                   | 2                        |              |                                 |
| 19   | 3.93                         | 2.48                    | 2.5        | 7.2   | 7.8 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 1.86   | 6.62       | 50               | 4.8                     | 3.28               | 2.63                | 380     |         | 2.846        |              |                   | 98.85        |                   |                        |                          |              |                                 |
| 20   | 5.39                         | 2.48                    | 2.5        | 7.1   | 7.9 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.11   | 6.99       | 50               | 4.6                     | 3.3                | 2.61                | 380     |         | 4.161        |              |                   | 72.9         |                   |                        |                          |              |                                 |
| 21   | 5.08                         | 2.48                    | 2.5        | 7.2   | 8.0 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.26   | 7.43       | 45               | 5                       | 3.09               | 2.51                | 380     |         | 3.83         |              |                   | 109.95       |                   |                        |                          |              |                                 |
| 22   | 4.18                         | 2.48                    | 2.5        | 7.2   | 8.1 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.63   | 6.03       | 55               | 5.6                     | 3.16               | 2.5                 | 400     |         | 3.1          |              |                   | 0            |                   |                        |                          |              |                                 |
| 23   | 3.75                         | 2.48                    | 2.5        | 7.7   | 8.1 |                  |                          |              | 10.0           |                         |     |                  |                         |     |                  |                   | 2.15   | 7          | 45               | 5.7                     | 2.91               | 2.27                | 400     |         | 2.879        |              |                   | 0            |                   |                        |                          |              |                                 |
| 24   | 3.76                         | 2.48                    | 2.5        | 7.5   | 7.9 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.59   | 6.84       | 55               | 5.4                     | 3.42               | 2.86                | 400     |         | 2.822        |              |                   | 0            |                   |                        |                          |              |                                 |
| 25   | 3.43                         | 2.48                    | 2.5        | 7.9   | 8.2 |                  |                          |              | 10.0           |                         | 546 |                  | 2                       | 185 |                  | 2                 | 2.29   | 4.41       | 64               | 4.4                     | 2.9                | 2.31                | 400     |         | 2.596        |              |                   | 0            | 0.22              | 0.22                   | 2                        |              |                                 |
| 26   | 6.86                         | 2.48                    | 2.5        | 8.0   | 8.4 |                  |                          |              | 11.0           |                         | 394 |                  | 2                       | 157 |                  | 2                 | 2.44   | 8.92       | 39               | 2.2                     | 3.11               | 2.5                 | 450     |         | 5.22         |              |                   | 73.3         | 0.29              | 0.73                   | 2                        |              |                                 |
| 27   | 5.55                         | 2.48                    | 2.5        | 7.7   | 8.3 |                  |                          |              | 11.0           |                         | 268 |                  | 2                       | 158 |                  | 2                 | 2.28   | 8.54       | 39               | 6.5                     | 3.02               | 2.43                | 400     |         | 4.181        |              |                   | 180.1        | 0.19              | 0.39                   | 2                        |              |                                 |
| 28   | 4.40                         | 2.48                    | 2.5        | 7.8   | 8.4 |                  |                          |              | 10.0           |                         |     |                  |                         |     |                  |                   | 2.06   | 8.09       | 45               | 6.1                     | 3.32               | 2.7                 | 450     |         | 3.31         |              |                   | 120          |                   |                        |                          |              |                                 |
| 29   | 4.44                         | 2.48                    | 2.5        | 7.6   | 8.5 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.06   | 8.14       | 45               | 6.5                     | 3.28               | 2.64                | 400     |         | 3.33         |              |                   | 0            |                   |                        |                          |              |                                 |
| 30   | 4.09                         | 2.48                    | 2.5        | 7.8   | 8.1 |                  |                          |              | 12.0           |                         |     |                  |                         |     |                  |                   | 2.46   | 8.57       | 37               | 6.8                     | 2.9                | 2.46                | 450     |         | 3.086        |              |                   | 0            |                   |                        |                          |              |                                 |
| 31   | 3.90                         | 2.48                    | 2.5        | 7.8   | 8.3 |                  |                          |              | 11.0           |                         |     |                  |                         |     |                  |                   | 2.26   | 8.28       | 43               | 6.2                     | 3.19               | 2.63                | 400     |         | 2.871        |              |                   | 0            |                   |                        |                          |              |                                 |
| Tot. | 140.46                       | 76.88                   | 76.88      |       |     |                  |                          |              | 10.9           |                         | 493 |                  | 2                       | 177 |                  | 2                 | 2.1646 | 7.127      | 45.84            | 5.206                   | 2.978              | 2.413               | 355.2   |         | 104.999      |              |                   | 1234.4       |                   |                        |                          |              |                                 |
| Avg. | 4.53                         | 2.48                    | 2.48       | 7.3   | 8.0 |                  |                          |              | 10.9           |                         | 493 |                  | 2                       | 177 |                  | 2                 | 2.1646 | 7.127      | 45.84            | 5.206                   | 2.978              | 2.413               | 355.2   |         | 3.38706      |              |                   | 39.818       | 0.54              | 1.81                   | 3                        |              |                                 |

RESIDENTIAL COMMERCIAL INDUSTRIAL FLOW CBOD TSS OPERATOR CERT. NO. PLANT TELEPHONE

43152 39233 86711 Randolph P. Kustes Jr 14555

502-253-9310

TOTAL NUMBER OF SEWER CONNECTIONS SEWERED POPULATION

0 X 4 = 0