

*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)



August 13, 2012

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784**  
**Discharge Monitoring Report for July 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 July 2012.

There were no exceedences, or bypasses. Attached is a overflow report.

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

Sincerely,  


Richard Mills  
Process Supervisor of Metro Operations.

RM/ Floyds Fork 07/12

Enclosures

cc: C. Roth (DOW Louisville)  
T. Singleton  
R. Shaw



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

PERMITTEE NAME/ADDRESS (include)

Facility Name/Location if different)

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)

## DISCHARGE MONITORING REPORT (DMR)

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

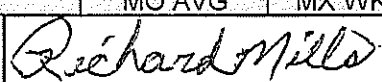
MAJOR  
 (SUBR LV)  
 F - FINAL JEFFE  
 MUNICIPAL DISCHARGE  
 EFFLUENT  
 [ ] No Discharge

LOCATION LOUISVILLE KY 40245

ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD  
 FROM YEAR MO DAY TO YEAR MO DAY  
 12 07 01 12 07 31

NOTE: Read instructions before completing this form

| PARAMETER                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | QUANTITY OR LOADING |                    |                | QUALITY OR CONCENTRATION |                  |                    |              | NO<br>EX | FREQUENCY<br>OF<br>ANALYSIS | SAMPLE<br>TYPE |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|----------------|--------------------------|------------------|--------------------|--------------|----------|-----------------------------|----------------|
|                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | AVERAGE             | MAXIMUM            | UNITS          | MINIMUM                  | AVERAGE          | MAXIMUM            | UNITS        |          |                             |                |
| OXYGEN, DISSOLVED<br>(DO)<br>00300 1 0 0<br>EFFLUENT GROSS VALUE         | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****               | *****              | ***            | 8                        | *****            | *****              | (19)<br>MG/L | 0        | 1/1                         | GR             |
|                                                                          | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****               | *****              | ***            | 7<br>INST MIN            | *****            | *****              | (19)<br>MG/L |          | THREE/<br>WEEK              | GRAB           |
| PH                                                                       | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****               | *****              | ***            | 7.3                      | *****            | 7.8                | (12)<br>SU   | 0        | 1/1                         | GR             |
| 00400 1 0 0<br>EFFLUENT GROSS VALUE                                      | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****               | *****              | ***            | 6.0<br>MINIMUM           | *****            | 9.0<br>MAXIMUM     | (12)<br>SU   |          | THREE/<br>WEEK              | GRAB           |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 G 0 0<br>RAW SEW/INFLUENT            | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 9183                | 10239              | (26)<br>LBS/DY | *****                    | 430              | 507                | (19)<br>MG/L | 0        | 3/7                         | CP             |
|                                                                          | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>MO AVG    | REPORT<br>MX WK AV | (26)<br>LBS/DY | *****                    | REPORT<br>MO AVG | REPORT<br>MX WK AV | (19)<br>MG/L |          | THREE/<br>WEEK              | COMPOS         |
| SOLIDS, TOTAL<br>SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE        | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 62                  | 99                 | (26)<br>LBS/DY | *****                    | 3                | 5                  | (19)<br>MG/L | 0        | 3/7                         | CP             |
|                                                                          | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 813<br>MO AVG       | 1220<br>MX WK AV   | (26)<br>LBS/DY | *****                    | 30<br>MO AVG     | 45<br>MX WK AV     | (19)<br>MG/L |          | THREE/<br>WEEK              | COMPOS         |
| NITROGEN, AMMONIA<br>TOTAL (AS N)<br>00610 G 0 0<br>RAW SEW/INFLUENT     | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 451                 | 466                | (26)<br>LBS/DY | *****                    | 21               | 24                 | (19)<br>MG/L | 0        | 3/7                         | CP             |
|                                                                          | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | REPORT<br>MO AVG    | REPORT<br>MX WK AV | (26)<br>LBS/DY | *****                    | REPORT<br>MO AVG | REPORT<br>MX WK AV | (19)<br>MG/L |          | THREE/<br>WEEK              | COMPOS         |
| NITROGEN, AMMONIA<br>TOTAL (AS N)<br>00610 1 1 0<br>EFFLUENT GROSS VALUE | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 8                   | 9                  | (26)<br>LBS/DY | *****                    | 0.4              | 0.5                | (19)<br>MG/L | 0        | 3/7                         | CP             |
|                                                                          | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 54<br>MO AVG        | 81<br>MX WK AV     | (26)<br>LBS/DY | *****                    | 2<br>MO AVG      | 3<br>MX WK AV      | (19)<br>MG/L |          | THREE/<br>WEEK              | COMPOS         |
| PHOSPHORUS, TOTAL<br>(AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****               | *****              | ****           | *****                    | 0.2              | 0.2                | (19)<br>MG/L | 0        | 3/7                         | CP             |
|                                                                          | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | *****               | *****              | ****           | *****                    | 1.0<br>MO AVG    | 1.5<br>MX WK AV    | (19)<br>MG/L |          | THREE/<br>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. 1316. (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>Interim Executive Director                           | <br>SIGNATURE OF PRINCIPAL EXECUTIVE<br>OFFICER OR AUTHORIZED AGENT                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                     |                    |                |                          | 502 540-6000     |                    | 12 08 13     |          |                             |                |
| TYPED OR PRINTED                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                     |                    |                |                          | AREA<br>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

LOCATION LOUISVILLE KY 40245

ATTN: DENNIS THOMASSON SR. METRO OPS

## KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)

## DISCHARGE MONITORING REPORT (DMR)

KY0102784

PERMIT NUMBER

001 1

DISCHARGE NUMBER

## MONITORING PERIOD

| YEAR | MO | DAY | TO | YEAR | MO | DAY |
|------|----|-----|----|------|----|-----|
| 12   | 07 | 01  |    | 12   | 07 | 31  |

MAJOR  
(SUBR LV)

F - FINAL JEFFE

MUNICIPAL DISCHARGE

EFFLUENT

[ ] No Discharge

NOTE: Read instructions before completing this form

| PARAMETER                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | QUANTITY OR LOADING |                    |                | QUALITY OR CONCENTRATION                                                                                          |                  |                    |               | NO<br>EX | FREQUENCY<br>OF<br>ANALYSIS | SAMPLE<br>TYPE |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|--------------------|----------------|-------------------------------------------------------------------------------------------------------------------|------------------|--------------------|---------------|----------|-----------------------------|----------------|
|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | AVERAGE             | MAXIMUM            | UNITS          | MINIMUM                                                                                                           | AVERAGE          | MAXIMUM            | UNITS         |          |                             |                |
| FLOW, IN CONDUIT OR<br>THRU TREATMENT PLANT<br>50050 1 0 0                 | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2.64                | 3.54               | (03)<br>MGD    | *****                                                                                                             | *****            | *****              | ***           | 0        | CN                          | CN             |
| EFFLUENT GROSS VALUE                                                       | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>MO AVG    | REPORT<br>DAILY MX | (03)<br>MGD    | *****                                                                                                             | *****            | *****              | ***           |          | CONTIN<br>UOUS              | CONTIN         |
| COLIFORM, FECAL<br>GENERAL<br>74055 1 0 0                                  | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *****               | *****              | ***            | *****                                                                                                             | 2                | 3                  | (13)<br>100ML | 0        | 3/7                         | GR             |
| EFFLUENT GROSS VALUE                                                       | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *****               | *****              | ***            | *****                                                                                                             | 200<br>30DA GEO  | 400<br>7 DA GEO    | (13)<br>100ML |          | THREE/<br>WEEK              | GRAB           |
| BOD, CARBONACEOUS<br>05 DAY, 20C<br>80082 G 0 0                            | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4001                | 4843               | (26)<br>LBS/DY | *****                                                                                                             | 188              | 234                | (19)<br>MG/L  | 0        | 3/7                         | CP             |
| RAW SEW/INFLUENT                                                           | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | REPORT<br>MO AVG    | REPORT<br>MX WK AV | (26)<br>LBS/DY | *****                                                                                                             | REPORT<br>MO AVG | REPORT<br>MX WK AV | (19)<br>MG/L  |          | THREE/<br>WEEK              | COMPOS         |
| BOD, CARBONACEOUS<br>05 DAY, 20C<br>80082 1 0 0                            | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 43                  | 48                 | (26)<br>LBS/DY | *****                                                                                                             | 2                | 2                  | (19)<br>MG/L  | 0        | 3/7                         | CP             |
| EFFLUENT GROSS VALUE                                                       | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 271<br>MO AVG       | 407<br>MX WK AV    | (26)<br>LBS/DY | *****                                                                                                             | 10<br>MO AVG     | 15<br>MX WK AV     | (19)<br>MG/L  |          | THREE/<br>WEEK              | COMPOS         |
| BOD, CARB 5-DAY, 20<br>DEG C, PERCENT REMVL<br>80091 K 0 0                 | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *****               | *****              | ***            | 99                                                                                                                | *****            | *****              | (23)<br>CENT  | 0        | 1/31                        | CA             |
| PERCENTREMOVAL                                                             | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *****               | *****              | ***            | 85<br>MO MIN                                                                                                      | *****            | *****              | (23)<br>CENT  |          | ONCE/<br>MONTH              | CALCTD         |
| SOLIDS, SUSPENDED<br>PERCENT REMOVAL<br>81011 K 0 0                        | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *****               | *****              | ***            | 99                                                                                                                | *****            | *****              | (23)<br>CENT  | 0        | 1/31                        | CA             |
| PERCENTREMOVAL                                                             | PERMIT<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | *****               | *****              | ***            | 85<br>MO MIN                                                                                                      | *****            | *****              | (23)<br>CENT  |          | ONCE/<br>MONTH              | CALCTD         |
|                                                                            | SAMPLE<br>MEASUREMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                     |                    |                |                                                                                                                   |                  |                    |               |          |                             |                |
|                                                                            | PERMIT<br>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 those 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>Interim Executive Director                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                    |                |                                                                                                                   | 502 540-6000     |                    | 12            | 08       | 13                          |                |
| TYPED OR PRINTED                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                    |                |                                                                                                                   | AREA<br>CODE     | NUMBER             | YEAR          | MO       | DAY                         |                |
| COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                    |                | <div> <div>Richard Mills</div> <div>SIGNATURE OF PRINCIPAL EXECUTIVE<br/>OFFICER OR AUTHORIZED AGENT</div> </div> |                  |                    |               |          |                             |                |

| DATE | TOTAL FLOW<br>(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<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 | RETURN            |               |                   | WASTE<br>D     | DISSOLVED OXYGEN (mg/L) | MLSS (mg/L)<br>x 1000 | MLVSS (mg/L)<br>x 1000 | SETTLED SLUDGE VOLUME |                 | RAW               |              |                   | HAULED       |                   | PHOSPHORUS, TOTAL (mg/L) | NH3-N (mg/L) | FECAL COLIFORM (COLONIES/100ML) |                                |
|      |                                 |                              |                            |     |       |                          |                  |                |                         |                |              |                         |                  |                |                   |                  |                | GAL/DAY<br>x 1000 | MLSS<br>x1000 | GAL/DAY<br>x 1000 |                |                         |                       |                        | 30 MIN.               | 50 MIN.         | GALLONS<br>x 1000 | % DRY SOLIDS | % VOLATILE SOLIDS | % DRY SOLIDS | % VOLATILE SOLIDS |                          |              |                                 | WITHDRAWN<br>GALLONS<br>x 1000 |
|      |                                 |                              |                            |     |       |                          |                  |                |                         |                |              |                         |                  |                |                   |                  |                |                   |               |                   |                |                         |                       |                        |                       |                 |                   |              |                   |              |                   |                          |              |                                 |                                |
| 1    | 2.51                            | 2.48                         | 2.48                       | 6.8 | 7.4   |                          |                  |                |                         | 8.8            |              | 246                     |                  | 2              | 107               |                  | 2              | 0.789             | 5.16          | 48                | 3.5            | 2.38                    | 1.8                   | 290                    |                       | 2.112           |                   |              |                   | 0            | 0.17              | 0.28                     | 2            |                                 |                                |
| 2    | 2.78                            | 2.48                         | 2.48                       | 6.9 | 7.4   |                          |                  |                |                         | 8.5            |              | 376                     |                  | 2              | 139               |                  | 2              | 1.13              | 5.19          | 47                | 4.2            | 2.44                    | 1.81                  | 260                    |                       | 2.4             |                   |              |                   | 151.2        | 0.21              | 0.22                     | 2            |                                 |                                |
| 3    | 2.48                            | 2.48                         | 2.48                       | 6.8 | 7.3   |                          |                  |                |                         | 8.6            |              |                         |                  |                |                   |                  |                | 1.39              | 3.75          | 55                | 3.8            | 2.67                    | 1.99                  | 260                    |                       | 2.193           |                   |              |                   | 92.1         |                   |                          |              |                                 |                                |
| 4    | 2.50                            | 2.48                         | 2.48                       | 7.2 | 7.7   |                          |                  |                |                         | 8.2            |              | 350                     |                  | 10             | 156               |                  | 2              | 0.958             | 5.93          | 46                | 4.5            | 2.67                    | 1.95                  | 270                    |                       | 2.199           |                   |              |                   | 0            | 0.20              | 0.50                     | 2            |                                 |                                |
| 5    | 2.36                            | 2.48                         | 2.48                       | 6.9 | 7.4   |                          |                  |                |                         | 8.3            |              |                         |                  |                |                   |                  |                | 1.13              | 4.05          | 55                | 4.5            | 2.63                    | 1.96                  | 270                    |                       | 1.995           |                   |              |                   | 94.5         |                   |                          |              |                                 |                                |
| 6    | 2.22                            | 2.48                         | 2.48                       | 6.8 | 7.4   |                          |                  |                |                         | 8.4            |              |                         |                  |                |                   |                  |                | 1.1               | 3.91          | 55                | 4.2            | 2.74                    | 1.92                  | 290                    |                       | 1.899           |                   |              |                   | 87.9         |                   |                          |              |                                 |                                |
| 7    | 2.29                            | 2.48                         | 2.48                       | 6.8 | 7.4   |                          |                  |                |                         | 8.2            |              |                         |                  |                |                   |                  |                | 1.07              | 4.9           | 50                | 5.2            | 2.56                    | 1.91                  | 260                    |                       | 1.968           |                   |              |                   | 49.8         |                   |                          |              |                                 |                                |
| 8    | 2.35                            | 2.48                         | 2.48                       | 6.9 | 7.4   |                          |                  |                |                         | 8.4            |              | 564                     |                  | 2              | 224               |                  | 2              | 0.944             | 4.8           | 50                | 5              | 2.62                    | 1.95                  | 280                    |                       | 1.992           |                   |              |                   | 5            | 0.14              | 0.50                     | 2            |                                 |                                |
| 9    | 2.36                            | 2.48                         | 2.48                       | 6.9 | 7.6   |                          |                  |                |                         | 8.3            |              | 486                     |                  | 2              | 164               |                  | 2              | 1.11              | 3.65          | 58                | 5              | 2.85                    | 2.1                   | 270                    |                       | 1.935           |                   |              |                   | 24           | 0.17              | 0.34                     | 2            |                                 |                                |
| 10   | 2.27                            | 2.48                         | 2.48                       | 7.2 | 7.7   |                          |                  |                |                         | 8.6            |              | 470                     |                  | 2              | 227               |                  | 2              | 1.07              | 4.6           | 55                | 4.9            | 2.8                     | 2.11                  | 290                    |                       | 1.752           |                   |              |                   | 0            | 0.16              | 0.56                     | 2            |                                 |                                |
| 11   | 2.30                            | 2.48                         | 2.48                       | 7.1 | 7.7   |                          |                  |                |                         | 8.4            |              |                         |                  |                |                   |                  |                | 1.21              | 4.89          | 55                | 3.5            | 2.76                    | 2.03                  | 290                    |                       | 1.741           |                   |              |                   | 50.4         |                   |                          |              |                                 |                                |
| 12   | 2.35                            | 2.48                         | 2.48                       | 7.0 | 7.8   |                          |                  |                |                         | 8.4            |              |                         |                  |                |                   |                  |                | 1.1               | 4.53          | 60                | 4.4            | 2.76                    | 2.05                  | 300                    |                       | 1.824           |                   |              |                   | 81           |                   |                          |              |                                 |                                |
| 13   | 2.33                            | 2.48                         | 2.48                       | 6.8 | 7.6   |                          |                  |                |                         | 8.5            |              |                         |                  |                |                   |                  |                | 1.46              | 3.92          | 60                | 4.5            | 2.89                    | 2.12                  | 300                    |                       | 1.801           |                   |              |                   | 68.7         |                   |                          |              |                                 |                                |
| 14   | 2.30                            | 2.48                         | 2.48                       | 6.9 | 7.6   |                          |                  |                |                         | 8.5            |              |                         |                  |                |                   |                  |                | 1.47              | 3.64          | 60                | 4.9            | 2.7                     | 1.99                  | 300                    |                       | 1.776           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 15   | 2.37                            | 2.48                         | 2.48                       | 7.2 | 7.6   |                          |                  |                |                         | 8.5            |              | 404                     |                  | 2              | 245               |                  | 2              | 1.14              | 5.11          | 55                | 5              | 2.83                    | 1.99                  | 300                    |                       | 1.839           |                   |              |                   | 0            | 0.21              | 0.17                     | 2            |                                 |                                |
| 16   | 2.65                            | 2.48                         | 2.48                       | 7.0 | 7.8   |                          |                  |                |                         | 8.4            |              | 524                     |                  | 2              | 232               |                  | 2              | 1.32              | 7.35          | 36                | 3.8            | 2.62                    | 1.94                  | 290                    |                       | 1.899           |                   |              |                   | 60.9         | 0.22              | 0.45                     | 2            |                                 |                                |
| 17   | 2.43                            | 2.48                         | 2.48                       | 7.1 | 7.7   |                          |                  |                |                         | 8.5            |              | 456                     |                  | 3              | 226               |                  | 2              | 0.937             | 4.16          | 58                | 4.4            | 2.8                     | 2.04                  | 300                    |                       | 1.776           |                   |              |                   | 66.6         | 0.28              | 0.39                     | 2            |                                 |                                |
| 18   | 2.58                            | 2.48                         | 2.48                       | 7.0 | 7.8   |                          |                  |                |                         | 8.3            |              |                         |                  |                |                   |                  |                | 0.936             | 4.38          | 50                | 4.6            | 2.7                     | 1.96                  | 200                    |                       | 1.896           |                   |              |                   | 49           |                   |                          |              |                                 |                                |
| 19   | 3.07                            | 2.48                         | 2.48                       | 7.0 | 7.7   |                          |                  |                |                         | 8.3            |              |                         |                  |                |                   |                  |                | 0.751             | 5.84          | 45                | 2.6            | 2.54                    | 1.79                  | 210                    |                       | 2.253           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 20   | 3.05                            | 2.48                         | 2.48                       | 6.9 | 7.7   |                          |                  |                |                         | 8.3            |              |                         |                  |                |                   |                  |                | 0.841             | 5.25          | 36                | 5.2            | 1.79                    | 1.32                  | 200                    |                       | 2.223           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 21   | 2.86                            | 2.48                         | 2.48                       | 6.9 | 7.8   |                          |                  |                |                         | 8.2            |              |                         |                  |                |                   |                  |                | 1.108             | 3.23          | 50                | 4.8            | 1.63                    | 1.21                  | 190                    |                       | 2.121           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 22   | 2.74                            | 2.48                         | 2.48                       | 7.1 | 7.5   |                          |                  |                |                         | 9.3            |              | 436                     |                  | 3              | 189               |                  | 2              | 1.08              | 3.51          | 45                | 6.7            | 1.7                     | 1.36                  | 200                    |                       | 2.097           |                   |              |                   | 0            | 0.16              | 0.28                     | 2            |                                 |                                |
| 23   | 3.33                            | 2.48                         | 2.48                       | 7.1 | 7.7   |                          |                  |                |                         | 9.0            |              | 420                     |                  | 2              | 163               |                  | 2              | 1.12              | 4.29          | 45                | 5.2            | 1.91                    | 1.47                  | 190                    |                       | 2.172           |                   |              |                   | 61.5         | 0.14              | 0.34                     | 7            |                                 |                                |
| 24   | 2.57                            | 2.48                         | 2.48                       | 7.0 | 7.6   |                          |                  |                |                         | 8.7            |              | 424                     |                  | 3              | 186               |                  | 2              | 0.806             | 5.56          | 48                | 1.5            | 2.51                    | 1.9                   | 250                    |                       | 1.95            |                   |              |                   | 56.1         | 0.12              | 0.34                     | 2            |                                 |                                |
| 25   | 2.64                            | 2.48                         | 2.48                       | 7.0 | 7.7   |                          |                  |                |                         | 8.2            |              |                         |                  |                |                   |                  |                | 0.964             | 7.02          | 45                | 2              | 2.84                    | 2.21                  | 290                    |                       | 2.121           |                   |              |                   | 42.9         |                   |                          |              |                                 |                                |
| 26   | 2.59                            | 2.48                         | 2.48                       | 6.8 | 7.7   |                          |                  |                |                         | 8.2            |              |                         |                  |                |                   |                  |                | 0.53              | 7.59          | 38                | 4              | 2.69                    | 2                     | 260                    |                       | 2.658           |                   |              |                   | 30.9         |                   |                          |              |                                 |                                |
| 27   | 3.26                            | 2.48                         | 2.48                       | 6.9 | 7.6   |                          |                  |                |                         | 8.4            |              |                         |                  |                |                   |                  |                | 0.615             | 9.06          | 32                | 5.2            | 2.72                    | 2.06                  | 260                    |                       | 3.531           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 28   | 3.54                            | 2.48                         | 2.48                       | 6.9 | 7.7   |                          |                  |                |                         | 8.3            |              |                         |                  |                |                   |                  |                | 0.71              | 9.46          | 32                | 5              | 2.64                    | 1.98                  | 250                    |                       | 3.096           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 29   | 3.10                            | 2.48                         | 2.48                       | 7.1 | 7.7   |                          |                  |                |                         | 8.2            |              |                         |                  |                |                   |                  |                | 0.684             | 7.27          | 42                | 5.3            | 2.86                    | 2.15                  | 290                    |                       | 2.586           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 30   | 2.81                            | 2.48                         | 2.48                       | 6.9 | 7.8   |                          |                  |                |                         | 8.3            |              |                         |                  |                |                   |                  |                | 0.664             | 5.4           | 52                | 6.2            | 2.87                    | 2.08                  | 300                    |                       | 2.442           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| 31   | 2.72                            | 2.48                         | 2.48                       | 7.1 | 7.6   |                          |                  |                |                         | 8.2            |              |                         |                  |                |                   |                  |                | 0.733             | 7.64          | 38                | 5.6            | 2.74                    | 2.01                  | 290                    |                       | 2.319           |                   |              |                   | 0            |                   |                          |              |                                 |                                |
| Tot. | 81.70                           | 76.88                        | 76.88                      |     |       |                          |                  |                |                         |                |              |                         |                  |                |                   |                  |                | 30.87             |               |                   |                |                         |                       |                        |                       | 66.566          |                   |              |                   | 1073         |                   |                          |              |                                 |                                |
| Avg. | 2.64                            | 2.48                         | 2.48                       | 7.0 | 7.6   |                          |                  |                |                         | 8.4            |              | 430                     |                  | 3              | 188               |                  | 2              | 0.9958            | 5.324         | 48.4              | 4.49           | 2.576                   | 1.908                 | 264.5                  |                       | 2.14729         |                   |              |                   | 34.6         | 0.18              | 0.36                     | 2            |                                 |                                |

RESIDENTIAL  
COMMERCIAL  
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

25101  
FLOW

24330  
CBOD

44973  
TSS

Randolph P. Kustes Jr.  
OPERATOR

14555  
CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS  
SEWER CONNECTIONS 0 X 4 = 0

SEWERED POPULATION

502-253-9310  
PLANT TELEPHONE



Initiated Jul 01, 2012 12:00 AM thru Jul 31, 2012 11:59 PM

Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

|                      |                        |                                               |                                                     |                |
|----------------------|------------------------|-----------------------------------------------|-----------------------------------------------------|----------------|
| KPDES #<br>KY0102784 | Facility ID<br>MSD0294 | Water Quality Treatment Center<br>FLOYDS FORK | Receiving Stream of Treatment Center<br>FLOYDS FORK | Region<br>EAST |
|----------------------|------------------------|-----------------------------------------------|-----------------------------------------------------|----------------|

|                   |             |                  |                                        |                  |              |
|-------------------|-------------|------------------|----------------------------------------|------------------|--------------|
| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
| SMH Sewer Manhole | 112133      | 900 JOHNSON RD   |                                        | BRUSH RUN        | GROUND       |

|                                    |             |                   |                     |                    |                                 |                   |                 |                                      |                      |                  |
|------------------------------------|-------------|-------------------|---------------------|--------------------|---------------------------------|-------------------|-----------------|--------------------------------------|----------------------|------------------|
| <u>Activity Code / Description</u> | <u>WO #</u> | <u>Initiated</u>  | <u>Initiated By</u> | <u>Assigned To</u> | <u>Disch Status</u>             | <u>Event Date</u> | <u>Problem</u>  | <u>Result</u>                        | <u>Completed</u>     | <u>Condition</u> |
| DISDW: DRY WEATHER<br>DISCHARGE    | 1522178     | 07/16/12 08:25 AM | MARKS JR            | OPS BSHIFT<br>EAST | REPAIRED -<br>ISSUE<br>RESOLVED | 07/16/12          | GREASE BLOCKAGE | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 07/16/12 08:30<br>AM |                  |

**Spot Inspections:**

|                   |                                                                             |
|-------------------|-----------------------------------------------------------------------------|
| Discharge Amount: | 10,000 GAL                                                                  |
| Cause:            | GREASE BLOCKAGE IN WET WELL CAUSED ELECTRICAL MALFUNCTION WITH LEVEL SENSOR |
| Clean Up:         | CONTRACTOR & MSD CLEANED AND SANITIZED THE AREA                             |
| Control Zone:     | TEMPORARY SIGNS POSTED                                                      |
| Impact:           | SEWAGE OBSERVED AND FISH KILL                                               |
| Repair:           | REMOVED GREASE BLOCKAGE; VACTORED STATION & ADDED ADDITITONAL HWW ALARM     |

**Notifications:**

|                   |        |                                                                                                                                                    |
|-------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 07/16/12 09:03 AM | DISPUB | MSD USED TEMPORARY SIGNS TO WARN PUBLIC                                                                                                            |
| 07/16/12 01:00 AM | DISNOT | Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov                       |
| 07/16/12 01:00 AM | DISSNO | Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov |

Total Facilities Printed: 8  
Total Work Orders Printed: 9