



*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 16, 2011

Ms. Cheryl Edwards  
Kentucky Division of Water  
200 Fair Oaks Lane, 4<sup>th</sup> Floor  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Starview WQTC; KPDES No.: KY0031712  
Discharge Monitoring Report – July 2011.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of July 2011.

There were no exceedences, bypass or overflow reports.

If you have any questions concerning the attached DMRs, please contact me at (502)239-7574.

Sincerely,

A handwritten signature in black ink, appearing to read "Duane V. Wright", is written over the typed name.

Duane V. Wright  
Process Supervisor Central Region

DVW/Starview 7.11

Enclosures

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



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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME

ADDRESS

FACILITY

LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

4V0021713  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR

(SUBR LV)

7 - FINAL

SANITARY WASTEWATER

EFFLUENT

\*\*\* NO DISCHARGE \*\*\*

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)                   | 7                  | *****               | *****    |        | 7                        | *****    | *****    | ( 17 ) | 0      | 1/1                   | LR          |
| 00300 1 0 0                              | PERMIT REQUIREMENT | *****               | *****    | ****   | INST MIN                 | *****    | *****    | MG/L   |        | WEEKLY                | GRAB        |
| PH                                       | 6.8                | *****               | *****    |        | 6.0                      | *****    | 7.2      | ( 12 ) | 0      | 1/1                   | GR          |
| 00400 1 0 0                              | PERMIT REQUIREMENT | *****               | *****    | ****   | MINIMUM                  | *****    | 9.0      | GU     |        | WEEKLY                | GRAB        |
| SOLID, TOTAL SUSPENDED                   | 3.2                | *****               | 8.3      | ( 26 ) | *****                    | 4        | 11       | ( 19 ) | 0      | 1/7                   | CP          |
| 00500 1 0 0                              | PERMIT REQUIREMENT | 25.0                | 50.0     |        | *****                    | 30       | 60       | MG/L   |        | WEEKLY                | COMPOS      |
| 00500 1 0 0                              | PERMIT REQUIREMENT | 3000 AVE            | DAILY MX | LB/DY  | *****                    | 3000 AVE | DAILY MX | MG/L   |        | WEEKLY                | COMPOS      |
| NITROGEN, AMMONIA TOTAL (AS N)           | 0.27               | *****               | 0.34     | ( 26 ) | *****                    | 0.4      | 0.5      | ( 19 ) | 0      | 1/7                   | CP          |
| 00610 1 1 0                              | PERMIT REQUIREMENT | 3.34                | 6.68     |        | *****                    | 4        | 8        | MG/L   |        | WEEKLY                | COMPOS      |
| 00610 1 1 0                              | PERMIT REQUIREMENT | 3000 AVE            | DAILY MX | LB/DY  | *****                    | 3000 AVE | DAILY MX | MG/L   |        | WEEKLY                | COMPOS      |
| PHOSPHORUS, TOTAL (AS P)                 | 2.5                | *****               | *****    |        | *****                    | 2.5      | 2.8      | ( 19 ) | 0      | 1/7                   | CP          |
| 00665 1 0 0                              | PERMIT REQUIREMENT | *****               | *****    | ****   | *****                    | REPORT   | REPORT   | MG/L   |        | WEEKLY                | COMPOS      |
| 00665 1 0 0                              | PERMIT REQUIREMENT | *****               | *****    | ****   | *****                    | 3000 AVE | DAILY MX | MG/L   |        | WEEKLY                | COMPOS      |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | 0.091              | *****               | 0.151    | ( 02 ) | *****                    | *****    | *****    |        | 0      | CN                    | CN          |
| 00050 1 0 0                              | PERMIT REQUIREMENT | REPORT              | REPORT   |        | *****                    | *****    | *****    | ****   |        | CONTIN                | CONTIN      |
| 00050 1 0 0                              | PERMIT REQUIREMENT | 3000 AVE            | INST MAX | MGD    | *****                    | *****    | *****    | ****   |        | CONTIN                | CONTIN      |
| CHLORINE, TOTAL RESIDUAL                 | 40.010             | *****               | *****    |        | *****                    | 40.010   | 40.010   | ( 19 ) | 0      | 1/1                   | GR          |
| 00060 1 0 0                              | PERMIT REQUIREMENT | *****               | *****    | ****   | *****                    | 0.011    | 0.019    | MG/L   |        | WEEKLY                | GRAB        |
| 00060 1 0 0                              | PERMIT REQUIREMENT | *****               | *****    | ****   | *****                    | 3000 AVE | DAILY MX | MG/L   |        | WEEKLY                | GRAB        |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H. J. SCHARDEIN, JR.  
EXEC DIR.  
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
[Signature]

TELEPHONE  
502 540 6000

DATE  
11 8 22

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME

ADDRESS

FACILITY

LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

0000031712

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

SANITARY WASTEWATER

EFFLUENT

\*\*\* NO DISCHARGE \*\*\*

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  |        |                       |             |
| COLIFORM, FECAL GENERAL<br>74053 1 0 0<br>EFFLUENT DATES VALUE          | SAMPLE MEASUREMENT | *****               | *****   |          | *****                    | 10      | 96      | ( 12 ) | 0      | 1/7                   | GR          |
|                                                                         | PERMIT REQUIREMENT | *****               | *****   | ***      | *****                    | 200     | 200     | 1      |        | WEEKLY                | GRAB        |
| BOD, CARBONACEOUS<br>05 DAY, 20C<br>80082 1 0 0<br>EFFLUENT DATES VALUE | SAMPLE MEASUREMENT | 2.6                 | 5.7     | ( 26 )   | *****                    | 4       | 8       | ( 19 ) | 0      | 1/7                   | IP          |
|                                                                         | PERMIT REQUIREMENT | 25.0                | 50.0    | 1 MG/DAY | *****                    | 30      | 60      | 1      |        | WEEKLY                | COMPOS      |
|                                                                         | SAMPLE MEASUREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | PERMIT REQUIREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | SAMPLE MEASUREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | PERMIT REQUIREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | SAMPLE MEASUREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | PERMIT REQUIREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | SAMPLE MEASUREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | PERMIT REQUIREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | SAMPLE MEASUREMENT |                     |         |          |                          |         |         |        |        |                       |             |
|                                                                         | PERMIT REQUIREMENT |                     |         |          |                          |         |         |        |        |                       |             |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H. J. SCHARDOW, JR.

EX-PT. DIR

TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

*H. J. Schardow, Jr.*

TELEPHONE

572 540 6000

AREA CODE NUMBER

DATE

11 8 22

YEAR MO DAY

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

Form Approved.  
OMB No. 2040-0004

JEFFI

| Starview   | Report for | Jul-11         | Tot. Exc.= 0 |        |       |       |       |       |            |
|------------|------------|----------------|--------------|--------|-------|-------|-------|-------|------------|
| Tot. Flow= | 2.819      | Concentrations |              | Pounds |       |       |       |       |            |
| Date       | Flow       | TSS            | BOD          | NH3    | Fecal | TSS   | BOD   | NH3   | Tot. Phos. |
| 7/1/11     | 0.093      |                |              |        |       |       |       |       |            |
| 7/2/11     | 0.081      |                |              |        |       |       |       |       |            |
| 7/3/11     | 0.087      |                |              |        |       |       |       |       |            |
| 7/4/11     | 0.09       | 11             | 2            | 0.45   | 96    | 8.257 | 1.501 | 0.338 | 2.47       |
| 7/5/11     | 0.084      |                |              |        |       |       |       |       |            |
| 7/6/11     | 0.086      |                |              |        |       |       |       |       |            |
| 7/7/11     | 0.089      |                |              |        |       |       |       |       |            |
| 7/8/11     | 0.101      |                |              |        |       |       |       |       |            |
| 7/9/11     | 0.091      |                |              |        |       |       |       |       |            |
| 7/10/11    | 0.086      | 2              | 8            | 0.39   | 4     | 1.434 | 5.738 | 0.280 | 2.26       |
| 7/11/11    | 0.083      |                |              |        |       |       |       |       |            |
| 7/12/11    | 0.087      |                |              |        |       |       |       |       |            |
| 7/13/11    | 0.114      |                |              |        |       |       |       |       |            |
| 7/14/11    | 0.09       |                |              |        |       |       |       |       |            |
| 7/15/11    | 0.088      |                |              |        |       |       |       |       |            |
| 7/16/11    | 0.095      |                |              |        |       |       |       |       |            |
| 7/17/11    | 0.093      | 2              | 2            | 0.28   | 28    | 1.551 | 1.551 | 0.217 | 2.43       |
| 7/18/11    | 0.087      |                |              |        |       |       |       |       |            |
| 7/19/11    | 0.09       |                |              |        |       |       |       |       |            |
| 7/20/11    | 0.113      |                |              |        |       |       |       |       |            |
| 7/21/11    | 0.104      |                |              |        |       |       |       |       |            |
| 7/22/11    | 0.083      |                |              |        |       |       |       |       |            |
| 7/23/11    | 0.085      |                |              |        |       |       |       |       |            |
| 7/24/11    | 0.086      | 2              | 2            | 0.34   | 1     | 1.434 | 1.434 | 0.244 | 2.75       |
| 7/25/11    | 0.083      |                |              |        |       |       |       |       |            |
| 7/26/11    | 0.082      |                |              |        |       |       |       |       |            |
| 7/27/11    | 0.082      |                |              |        |       |       |       |       |            |
| 7/28/11    | 0.151      |                |              |        |       |       |       |       |            |
| 7/29/11    | 0.077      |                |              |        |       |       |       |       |            |
| 7/30/11    | 0.081      |                |              |        |       |       |       |       |            |
| 7/31/11    | 0.077      |                |              |        |       |       |       |       |            |
| Average    | 0.091      | 4.25           | 3.50         | 0.37   | 10.18 | 3.17  | 2.56  | 0.27  | 2.48       |
| Maximum    | 0.151      | 11.00          | 8.00         | 0.45   | 96.00 | 8.26  | 5.74  | 0.34  | 2.75       |