



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)

December 18, 2010

Ms. Carolena Bentley, DMR Coordinator  
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 Reports – November 2010.**

Dear Ms. Bentley:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of November 2010.

There were no exceedences, bypasses or overflow reports.

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

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor Central Region

DVW/Starview 11.10

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 STARVIEW WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY STARVIEW WQTC MSD  
 LOCATION LOUISVILLE KY 40243  
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0031712 PERMIT NUMBER  
 001 1 DISCHARGE NUMBER

MINOR (SUBR LV)  
 F - FINAL  
 SANITARY WASTEWATER EFFLUENT  
 \*\*\* NO DISCHARGE \*\*\*

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 10                | 11 | 01  |    | 10   | 11 | 30  |

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                     |                  |                       |             |     |
| OXYGEN, DISSOLVED (DO)<br>00300 1 0 0<br>EFFLUENT GROSS VALUE                                | SAMPLE MEASUREMENT  | *****               | *****              |        | 7   | *****              | *****              | (19)                      | 0                | 0/07                  | GR          |     |
|  | PERMIT REQUIREMENT  | *****               | *****              | ****   | 7<br>INST MIN   | *****              | *****              | MG/L                      |                  |                       |             |     |
| PH<br>00400 1 0 0<br>EFFLUENT GROSS VALUE  | SAMPLE MEASUREMENT  | *****               | *****              |        | 6.6   | *****              | 6.8                | (12)                      | 0                | 0/07                  | GR          |     |
|  | PERMIT REQUIREMENT  | *****               | *****              | ****   | 6.0<br>MINIMUM  | *****              | 7.0<br>MAXIMUM     | BU                        |                  |                       |             |     |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE                               | SAMPLE MEASUREMENT  | 4.5                 | 8.0                | (26)   | *****   | 6                  | 13                 | (19)                      | 0                | 0/07                  | CP          |     |
|  | PERMIT REQUIREMENT  | 25.0<br>30DA AVG    | 50.0<br>DAILY MX   | LBS/DY | *****   | 30<br>30DA AVG     | 50<br>DAILY MX     | MG/L                      |                  |                       |             |     |
| NITROGEN, AMMONIA TOTAL (AS N)<br>00610 1 2 0<br>EFFLUENT GROSS VALUE                        | SAMPLE MEASUREMENT  | 0.23                | 0.6                | (26)   | *****   | 0.3                | 0.7                | (19)                      | 0                | 0/07                  | CP          |     |
|  | PERMIT REQUIREMENT  | 8.34<br>30DA AVG    | 16.7<br>DAILY MX   | LBS/DY | *****   | 10<br>30DA AVG     | 20<br>DAILY MX     | MG/L                      |                  |                       |             |     |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE                              | SAMPLE MEASUREMENT  | *****               | *****              |        | *****   | 0.5                | 0.7                | (19)                      | 0                | 0/07                  | CP          |     |
|  | PERMIT REQUIREMENT  | *****               | *****              | ****   | *****   | REPORT<br>30DA AVG | REPORT<br>DAILY MX | MG/L                      |                  |                       |             |     |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT<br>00050 1 0 0<br>EFFLUENT GROSS VALUE              | SAMPLE MEASUREMENT  | 0.096               | 0.250              | (03)   | *****   | *****              | *****              |                           | 0                | CN                    | CN          |     |
|  | PERMIT REQUIREMENT  | REPORT<br>30DA AVG  | REPORT<br>INST MAX | MGD    | *****   | *****              | *****              | ****                      |                  |                       |             |     |
| CHLORINE, TOTAL RESIDUAL<br>00060 1 0 0<br>EFFLUENT GROSS VALUE                              | SAMPLE MEASUREMENT  | *****               | *****              |        | *****   | <0.010             | <0.010             | (19)                      | 0                | 0/07                  | GR          |     |
|  | PERMIT REQUIREMENT  | *****               | *****              | ****   | *****   | 0.013<br>30DA AVG  | 0.017<br>DAILY MX  | MG/L                      |                  |                       |             |     |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br>H.J. SCHARDEIN, JR<br>EXEC DIR<br>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<br><i>Dennis Thomasson, Sr</i> |                    |                    | TELEPHONE<br>502 540 6000 | DATE<br>10 12 22 |                       |             |     |
| COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)                  |   |                     |                    |        |   |                    |                    | AREA CODE                 | NUMBER           | YEAR                  | MO          | DAY |

NAME STARVIEW WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8409 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY STARVIEW WQTC MSD  
LOCATION LOUISVILLE KY 40243  
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0031712  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR  
(SUDR LV)  
7 - FINAL  
SANITARY WASTEWATER  
EFFLUENT

JEFFE

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 10                | 11 | 31  |    | 10   | 11 | 30  |

\*\*\* 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>74055 1 0 0<br>EFFLUENT GROSS VALUE          | SAMPLE MEASUREMENT | *****               | *****    |        | *****                    | 1        | 2        | (13)  | 0      | 0/07                  | GR          |
|   | PERMIT REQUIREMENT | *****               | *****    | ***    | *****                    | 200      | 400      | %     |        | WEEKLY                | GRAB        |
| BOD, CARBONACEOUS<br>05 DAY, 20C<br>80082 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 2.2                 | 3.1      | (26)   | *****                    | 3        | 6        | (19)  | 0      | 0/07                  | CP          |
|   | PERMIT REQUIREMENT | 25.0                | 50.0     |        | *****                    | 30       | 80       |       |        | WEEKLY                | COMPOSITE   |
|   |                    | 30DA AVG            | DAILY MX | LBS/DY |                          | 30DA AVG | DAILY MX | MG/L  |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |          |          |       |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |          |          |       |        |                       |             |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
HJ 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  
Eugene V. Wright

TELEPHONE 502 540 6000  
DATE 10 12 22  
AREA CODE NUMBER YEAR MO DAY

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

| Starview           | Report for | Nov-10 |                       | Tot. Exc.= 0 |       |       |               |       |            |
|--------------------|------------|--------|-----------------------|--------------|-------|-------|---------------|-------|------------|
| Tot. Flow=<br>Date | Flow       | TSS    | Concentrations<br>BOD | NH3          | Fecal | TSS   | Pounds<br>BOD | NH3   | Tot. Phos. |
| 11/1/10            | 2.874      |        |                       |              |       |       |               |       |            |
| 11/2/10            | 0.063      | 13     | 2                     | 0.11         | 1     | 8.023 | 1.234         | 0.068 | 0.314      |
| 11/3/10            | 0.074      |        |                       |              |       |       |               |       |            |
| 11/4/10            | 0.065      |        |                       |              |       |       |               |       |            |
| 11/5/10            | 0.063      |        |                       |              |       |       |               |       |            |
| 11/6/10            | 0.07       |        |                       |              |       |       |               |       |            |
| 11/7/10            | 0.067      |        |                       |              |       |       |               |       |            |
| 11/8/10            | 0.065      |        |                       |              |       |       |               |       |            |
| 11/9/10            | 0.06       |        |                       |              |       |       |               |       |            |
| 11/10/10           | 0.059      | 3      | 6                     | 0.17         | 1     | 1.476 | 2.952         | 0.084 | 0.431      |
| 11/11/10           | 0.06       |        |                       |              |       |       |               |       |            |
| 11/12/10           | 0.054      |        |                       |              |       |       |               |       |            |
| 11/13/10           | 0.054      |        |                       |              |       |       |               |       |            |
| 11/14/10           | 0.066      |        |                       |              |       |       |               |       |            |
| 11/15/10           | 0.066      |        |                       |              |       |       |               |       |            |
| 11/16/10           | 0.057      |        |                       |              |       |       |               |       |            |
| 11/17/10           | 0.103      |        |                       |              |       |       |               |       |            |
| 11/18/10           | 0.123      | 5      | 3                     | 0.17         | 1     | 5.129 | 3.077         | 0.174 | 0.676      |
| 11/19/10           | 0.102      |        |                       |              |       |       |               |       |            |
| 11/20/10           | 0.089      |        |                       |              |       |       |               |       |            |
| 11/21/10           | 0.075      |        |                       |              |       |       |               |       |            |
| 11/22/10           | 0.077      |        |                       |              |       |       |               |       |            |
| 11/23/10           | 0.074      |        |                       |              |       |       |               |       |            |
| 11/24/10           | 0.1        | 4      | 2                     | 0.73         | 2     | 3.336 | 1.668         | 0.609 | 0.425      |
| 11/25/10           | 0.131      |        |                       |              |       |       |               |       |            |
| 11/26/10           | 0.25       |        |                       |              |       |       |               |       |            |
| 11/27/10           | 0.216      |        |                       |              |       |       |               |       |            |
| 11/28/10           | 0.142      |        |                       |              |       |       |               |       |            |
| 11/29/10           | 0.115      |        |                       |              |       |       |               |       |            |
| 11/30/10           | 0.105      |        |                       |              |       |       |               |       |            |
| 11/30/10           | 0.229      |        |                       |              |       |       |               |       |            |
| Average            | 0.096      | 6.25   | 3.25                  | 0.30         | 1.19  | 4.49  | 2.23          | 0.23  | 0.46       |
| Maximum            | 0.250      | 13.00  | 6.00                  | 0.73         | 2.00  | 8.02  | 3.08          | 0.61  | 0.68       |