

R/S

# MSD

Metropolitan Sewer District

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)

February 10, 2011

Crystal Thompson  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Bancroft WQTC; KPDES No.: KY0039021  
Discharge Monitoring Reports for January of 2011**

Dear Ms. Thompson:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Bancroft WQTC; KPDES No.: KY0039021 for the month of January 2011

There were no exceedences, overflow reports or bypass reports to report this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,



Richard. Mills  
Process Supervisor, East Region

RM/Bancroft 1 11

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)

NAME **BANCROFT WQTC MSD**  
 ADDRESS **C/O CEDAR CREEK WQTC**  
**8405 CEDAR CREEK RD**  
**LOUISVILLE KY 40211**  
 FACILITY **BANCROFT WQTC MSD**  
 LOCATION **LOUISVILLE KY 00000**  
 ATTN: **DENNIS THOMASSON, SR METRO OPS**

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

**KY00039021** **001 1**  
 PERMIT NUMBER DISCHARGE NUMBER

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

JEFFI

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 11                | 01 | 01  |    | 11   | 01 | 31  |

NOTE: Read Instructions before completing this form.

| PARAMETER   | SAMPLE MEASUREMENT | QUANTITY OR LOADING |         |       | QUALITY OR CONCENTRATION |         |         |        | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|--------------------|---------------------|---------|-------|--------------------------|---------|---------|--------|--------|-----------------------|-------------|
|   |                    | AVERAGE             | MAXIMUM | UNITS | MINIMUM                  | AVERAGE | MAXIMUM | UNITS  |        |                       |             |
| OXYGEN, DISSOLVED (DO)<br>00300 1 0 0<br>EFFLUENT GROSS VALUE         | *****              | *****               | *****   | ***** | 8                        | *****   | *****   | ( 19 ) | 0      | 1/31                  | GR          |
| PH  | *****              | *****               | *****   | ***** | 6.8                      | *****   | 6.8     | ( 12 ) | 0      | 1/31                  | GR          |
| SOLIDS, TOTAL SUSPENDED<br>00530 1 0 0<br>EFFLUENT GROSS VALUE        | *****              | *****               | *****   | ***** | 4                        | *****   | 4       | ( 19 ) | 0      | 1/31                  | CP          |
| NITROGEN, AMMONIA TOTAL (AS N)<br>00610 1 2 0<br>EFFLUENT GROSS VALUE | *****              | *****               | *****   | ***** | 0.3                      | *****   | 0.3     | ( 19 ) | 0      | 1/31                  | CP          |
| PHOSPHORUS, TOTAL (AS P)<br>00665 1 0 0<br>EFFLUENT GROSS VALUE       | *****              | *****               | *****   | ***** | 2.7                      | *****   | 2.7     | ( 19 ) | 0      | 1/31                  | CP          |
| CHLORINE, TOTAL RESIDUAL<br>50060 1 0 0<br>EFFLUENT GROSS VALUE       | *****              | *****               | *****   | ***** | 20.018                   | *****   | 20.019  | ( 19 ) | 0      | 1/31                  | GR          |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**HJ Schandelin JR.**  
*Executive Director*  
 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.

*Richard Mills*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

|                  |             |
|------------------|-------------|
| TELEPHONE        | DATE        |
| 502 540 6000     | 11 2 10     |
| AREA CODE NUMBER | YEAR MO DAY |

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

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

NAME BANCROFT WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY BANCROFT WQTC MSD  
 LOCATION LOUISVILLE KY 00000  
 ATTN: DENNIS THOMASSON, SR METRG OPS

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

KY0037021 001 1  
 PERMIT NUMBER DISCHARGE NUMBER

MINOR (SUBR LV)  
 F - FINAL JEFFI  
 SANITARY WASTEWATER  
 EFFLUENT

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 11                | 01 | 01  |    | 11   | 01 | 31  |

\*\*\* NO DISCHARGE 1 1 \*\*\*  
 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  |        |                       |             |
| COLIFORM, FECAL GENERAL<br>74055 1 0 0<br>EFFLUENT GROSS VALUE          | SAMPLE MEASUREMENT | *****               | *****    |        | *****                    | 2         | 2        | ( 13 ) | 0      | 1/31                  | GR          |
|   | PERMIT REQUIREMENT | *****               | *****    | ****   | *****                    | 200       | 400 #/   |        |        | ONCE /                | GRAB        |
|   |                    |                     |          | ****   |                          | 30 DA GED | 7 DA GED | 100ML  |        | MONTH                 |             |
| BOD, CARBONACEOUS<br>05 DAY, 20C<br>80062 1 0 0<br>EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 1.1                 | 1.1      | ( 26 ) | *****                    | 4         | 4        | ( 19 ) | 0      | 1/31                  | CP          |
|   | PERMIT REQUIREMENT | 16.7                | 33.4     |        | *****                    | 25        | 50       |        |        | ONCE /                | CUMUL       |
|   |                    | MO AVG              | MX WK AV | LBS/DY |                          | MO AVG    | MX WK AV | MG/L   |        | MONTH                 |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | SAMPLE MEASUREMENT |                     |          |        |                          |           |          |        |        |                       |             |
|   | PERMIT REQUIREMENT |                     |          |        |                          |           |          |        |        |                       |             |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 HJ Schandew JA  
 Executive Director  
 TYPED OR PRINTED

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Richard Miller  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 302 546-6000  
 DATE 11 2 10  
 AREA CODE NUMBER YEAR MO DAY

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

| <b>Bancroft</b>    |               | Report for | <b>Jan-11</b>  |      | Tot. Exc.= |       | 0      |       |      |            |
|--------------------|---------------|------------|----------------|------|------------|-------|--------|-------|------|------------|
| Tot. Flow=<br>Date | 0.952<br>Flow | TSS        | Concentrations |      | Fecal      | TSS   | Pounds |       | NH3  | Tot. Phos. |
|                    |               |            | BOD            | NH3  |            |       | BOD    |       |      |            |
| 1/1/11             | 0.04          |            |                |      |            |       |        |       |      |            |
| 1/2/11             | 0.037         |            |                |      |            |       |        |       |      |            |
| 1/3/11             | 0.033         | 4          | 4              | 0.28 | 2          | 1.101 | 1.101  | 0.077 | 2.65 |            |
| 1/4/11             | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/5/11             | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/6/11             | 0.031         |            |                |      |            |       |        |       |      |            |
| 1/7/11             | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/8/11             | 0.033         |            |                |      |            |       |        |       |      |            |
| 1/9/11             | 0.033         |            |                |      |            |       |        |       |      |            |
| 1/10/11            | 0.03          |            |                |      |            |       |        |       |      |            |
| 1/11/11            | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/12/11            | 0.027         |            |                |      |            |       |        |       |      |            |
| 1/13/11            | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/14/11            | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/15/11            | 0.034         |            |                |      |            |       |        |       |      |            |
| 1/16/11            | 0.034         |            |                |      |            |       |        |       |      |            |
| 1/17/11            | 0.033         |            |                |      |            |       |        |       |      |            |
| 1/18/11            | 0.031         |            |                |      |            |       |        |       |      |            |
| 1/19/11            | 0.025         |            |                |      |            |       |        |       |      |            |
| 1/20/11            | 0.027         |            |                |      |            |       |        |       |      |            |
| 1/21/11            | 0.028         |            |                |      |            |       |        |       |      |            |
| 1/22/11            | 0.03          |            |                |      |            |       |        |       |      |            |
| 1/23/11            | 0.034         |            |                |      |            |       |        |       |      |            |
| 1/24/11            | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/25/11            | 0.026         |            |                |      |            |       |        |       |      |            |
| 1/26/11            | 0.03          |            |                |      |            |       |        |       |      |            |
| 1/27/11            | 0.03          |            |                |      |            |       |        |       |      |            |
| 1/28/11            | 0.029         |            |                |      |            |       |        |       |      |            |
| 1/29/11            | 0.032         |            |                |      |            |       |        |       |      |            |
| 1/30/11            | 0.034         |            |                |      |            |       |        |       |      |            |
| 1/31/11            | 0.028         |            |                |      |            |       |        |       |      |            |
| Average            | 0.031         | 4.00       | 4.00           | 0.28 | 2.00       | 1.10  | 1.10   | 0.08  | 2.65 |            |
| Maximum            | 0.040         | 4.00       | 4.00           | 0.28 | 2.00       | 1.10  | 1.10   | 0.08  | 2.65 |            |