



Louisville and Jefferson County Metropolitan Sewer District
700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

April 28, 2011

Ms. Crystal Thompson
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Chenoweth Run WQTC
KPDES No.: KY0042226
Discharge Monitoring Reports – March 2011**

Dear Ms. Thompson:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Chenoweth Run WQTC, KPDES No.: KY0042226 for the month of March 2011.

There were no exceedences, bypass or overflow reports.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/ Chen. Run 3.11

Enclosures

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



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

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

NAME CHENOWETH RUN WQTC
 ADDRESS C/O CEDAR CREEK WQTC
 2405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY CHENOWETH RUN WQTC
 LOCATION LOUISVILLE KY 40223
 ATTN: DENNIS THOMASSON, SR METRO DPE

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

KY0042226 PERMIT NUMBER
 001 2 DISCHARGE NUMBER

MINOR (SUBR LV)
 7 - FINAL JEFFE
 SANITARY WASTEWATER EFFLUENT
 *** NO DISCHARGE ***

| MONITORING PERIOD | | | | | | |
|-------------------|----|-----|----|------|----|-----|
| YEAR | MO | DAY | TO | YEAR | MO | DAY |
| 11 | 03 | 01 | | 11 | 03 | 01 |

FROM

TO

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 (DD) 00300 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | 8 | ***** | ***** | (17) | 0 | 1/2 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | **** | 7 | ***** | ***** | | | WEEKLY | GRAB |
| | | | | **** | INST MIN | | | MG/L | | | |
| PH 00400 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | 7.0 | ***** | ***** | (12) | 0 | 1/2 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | **** | 5.0 | ***** | 9.0 | | | WEEKLY | GRAB |
| | | | | **** | MINIMUM | | MAXIMUM | SU | | | |
| SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 12 | 23 | (25) | ***** | 4 | 9 | (17) | 0 | 1/2 | CP |
| | PERMIT REQUIREMENT | 118 | 235 | | ***** | 30 | 60 | | | WEEKLY | COMPOSITE |
| | | 30DA AVG | DAILY MX | LBS/DY | | 30DA AVG | DAILY MX | MG/L | | | |
| NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 1.8 | 3.7 | (25) | ***** | 0.6 | 1 | (17) | 0 | 1/2 | CP |
| | PERMIT REQUIREMENT | 17.6 | 37.2 | | ***** | 5 | 10 | | | WEEKLY | COMPOSITE |
| | | 30DA AVG | DAILY MX | LBS/DY | | 30DA AVG | DAILY MX | MG/L | | | |
| PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 2.6 | 3.8 | (17) | 0 | 1/2 | CP |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | REPORT | REPORT | | | WEEKLY | COMPOSITE |
| | | | | **** | | 30DA AVG | DAILY MX | MG/L | | | |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 0.464 | 0.961 | (03) | ***** | ***** | ***** | | 0 | CN | CN |
| | PERMIT REQUIREMENT | REPORT | REPORT | | ***** | ***** | ***** | **** | | CONTINUOUS | LIQUID |
| | | 30DA AVG | INST MAX | MGD | | | | **** | | | |
| CHLORINE, TOTAL RESIDUAL 00060 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | <0.010 | <0.010 | (17) | 0 | 1/2 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 0.011 | 0.017 | | | WEEKLY | GRAB |
| | | | | **** | | 30DA AVG | DAILY MX | MG/L | | | |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | 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 | | TELEPHONE | DATE | | |
| H.J. Scherlein Jr. Exec. Director | | | | | | | | 502 542-6000 | 11 | 4 | 26 |
| TYPED OR PRINTED | | | | | | 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 CHENOWETH RUN WQTC
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY CHENOWETH RUN WQTC
 LOCATION LOUISVILLE KY 40223
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0042226 001 2
 PERMIT NUMBER DISCHARGE NUMBER

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

JEFF

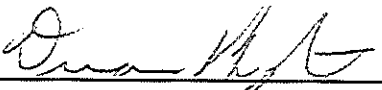
| MONITORING PERIOD | | | | | |
|-------------------|----|-----|------|----|-----|
| YEAR | MO | DAY | YEAR | MO | DAY |
| 11 | 05 | 01 | 11 | 05 | 31 |

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 | | | |
| COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 3 | 17 | (13) | | 1/2 | SR |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 200 | 400 | #/ | | WEEKLY | SR |
| BOD, CARBONACEOUS 05 DAY, 20C 80062 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 9.6 | 15.1 | (24) | ***** | 3 | 6 | (19) | | 1/2 | CP |
| | PERMIT REQUIREMENT | 39.2 | 75.4 | | ***** | 10 | 20 | | | WEEKLY | COMPL |
| | SAMPLE MEASUREMENT | 30DA AVG | DAILY MX | LBS/DY | | 30DA AVG | DAILY MX | MG/L | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. Schaelein, Jr.
 Exec. 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT


TELEPHONE DATE
 AREA CODE NUMBER YEAR MO DAY
 502 546-6000 11 4 26

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

| LAKE FOREST | | Report for | Mar-11 | | Tot. Exc.= | | 0 | | | |
|-------------|--------|------------|----------------|------|------------|--------|--------|-------|--------|--|
| Tot. Flow= | 14.383 | | Concentrations | | | | Pounds | | Conc. | |
| Date | Flow | TSS | BOD | NH3 | Fecal | TSS | BOD | NH3 | T Phos | |
| 3/1/11 | 0.791 | | | | | | | | | |
| 3/2/11 | 0.505 | | | | | | | | | |
| 3/3/11 | 0.365 | 2 | 3 | 1.2 | 1 | 6.088 | 9.132 | 3.653 | 1.93 | |
| 3/4/11 | 0.444 | | | | | | | | | |
| 3/5/11 | 0.551 | | | | | | | | | |
| 3/6/11 | 0.703 | | | | | | | | | |
| 3/7/11 | 0.464 | | | | | | | | | |
| 3/8/11 | 0.403 | 2 | 2 | 0.39 | | 6.722 | 6.722 | 1.311 | 2.34 | |
| 3/9/11 | 0.882 | | | | | | | | | |
| 3/10/11 | 0.961 | | | | | | | | | |
| 3/11/11 | 0.842 | | | | 17 | | | | | |
| 3/12/11 | 0.531 | | | | | | | | | |
| 3/13/11 | 0.514 | | | | | | | | | |
| 3/14/11 | 0.421 | | | | | | | | | |
| 3/15/11 | 0.456 | 3 | 2 | 0.28 | 5 | 11.409 | 7.606 | 1.065 | 2.47 | |
| 3/16/11 | 0.417 | | | | | | | | | |
| 3/17/11 | 0.361 | | | | | | | | | |
| 3/18/11 | 0.371 | | | | | | | | | |
| 3/19/11 | 0.382 | | | | | | | | | |
| 3/20/11 | 0.388 | | | | | | | | | |
| 3/21/11 | 0.35 | | | | | | | | | |
| 3/22/11 | 0.301 | 9 | 6 | 0.39 | 1 | 22.593 | 15.062 | 0.979 | 3.76 | |
| 3/23/11 | 0.334 | | | | | | | | | |
| 3/24/11 | 0.334 | | | | | | | | | |
| 3/25/11 | 0.325 | | | | | | | | | |
| 3/26/11 | 0.343 | | | | | | | | | |
| 3/27/11 | 0.359 | | | | | | | | | |
| 3/28/11 | 0.323 | | | | | | | | | |
| 3/29/11 | 0.294 | | | | | | | | | |
| 3/30/11 | 0.343 | | | | | | | | | |
| 3/31/11 | 0.325 | | | | | | | | | |
| Average | 0.464 | 4.00 | 3.25 | 0.57 | 3.04 | 11.70 | 9.63 | 1.75 | 2.63 | |
| Maximum | 0.961 | 9.00 | 6.00 | 1.20 | 17.00 | 22.59 | 15.06 | 3.65 | 3.76 | |