



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

November 19, 2012

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – October 2012**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of October 2012.

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 cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 10.12

Enclosures

cc: T. Singleton
R. Shaw



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

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

Form Approved
OMB No. 2040-0004

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

NAME: CEDAR CREEK WQTC
ADDRESS: 8405 CEDAR CREEK RD
LOUISVILLE, KY 40211
FACILITY: BERRYTOWN WQTC MSD
LOCATION: HEAFER RD
LOUISVILLE, KY 40222

| | |
|---------------|------------------|
| KY0036501 | 001-2 |
| PERMIT NUMBER | DISCHARGE NUMBER |

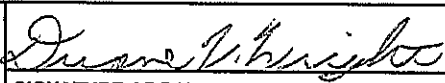
DMR Mailing ZIP CODE: 40211
MINOR (SUBR LV) JEFFE
SANITARY WASTEWATER
External Outfall

| MONITORING PERIOD | | | |
|-------------------|----|------------|--|
| MM/DD/YYYY | | MM/DD/YYYY | |
| FROM 10/01/2012 | TO | 10/31/2012 | |

ATTN: DENNIS THOMASSON, SR METRO OPS

No Discharge

| PARAMETER | | QUANTITY OR LOADING | | | QUALITY OR CONCENTRATION | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---|--------------------|-----------------------|-----------------------|-------|--------------------------|-----------------|-----------------|---------|--------|-----------------------|-------------|
| | | VALUE | VALUE | UNITS | VALUE | VALUE | VALUE | UNITS | | | |
| Oxygen, dissolved (DO) 00300 1 0 Effluent Gross | SAMPLE MEASUREMENT | ***** | ***** | ***** | 8 | ***** | ***** | | 0 | 1/1 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 7 INST MIN | ***** | ***** | mg/L | | Weekly | GRAB |
| pH 00400 1 0 Effluent Gross | SAMPLE MEASUREMENT | ***** | ***** | ***** | 6 | ***** | 8 | | 0 | 1/1 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 6 MINIMUM | ***** | 9 MAXIMUM | SU | | Weekly | GRAB |
| Solids, total suspended 00530 1 0 Effluent Gross | SAMPLE MEASUREMENT | 1.6 | 3.0 | | 3 | 7 | | | 0 | 1/7 | CP |
| | PERMIT REQUIREMENT | 18.8 30DA AVG | 37.6 DAILY MX | lb/d | 30 30DA AVG | 60 DAILY MX | | mg/L | | Weekly | COMPOS |
| Nitrogen, ammonia total (as N) 00610 1 1 Effluent Gross | SAMPLE MEASUREMENT | 0.2 | 0.4 | | 0.5 | 0.6 | | | 0 | 1/7 | CP |
| | PERMIT REQUIREMENT | 2.5 30DA AVG | 5 DAILY MX | lb/d | 4 30DA AVG | 8 DAILY MX | | mg/L | | Weekly | COMPOS |
| Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross | SAMPLE MEASUREMENT | 0.083 | 0.600 | | | | | | 0 | CN | CN |
| | PERMIT REQUIREMENT | Req. Mon. 30DA AVG | Req. Mon. INST MAX | MGD | | | | | | Continuous | CONTIN |
| Chlorine, total residual 50060 1 0 Effluent Gross | SAMPLE MEASUREMENT | ***** | ***** | ***** | ***** | <0.010 | <0.010 | | 0 | 1/1 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | ***** | 011 MO AVG | 019 DAILY MX | mg/L | | Weekly | GRAB |
| Coliform, fecal general 74055 1 0 Effluent Gross | SAMPLE MEASUREMENT | ***** | ***** | ***** | 6 | 26 | | | 0 | 1/7 | GR |
| | PERMIT REQUIREMENT | ***** | ***** | ***** | 200 30DA GEO | 400 7 DA GEO | | #/100mL | | Weekly | GRAB |

| | | | | | |
|--|---|---|--------------|------------|------------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG C. HETZEMAN INTERIM 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 | TELEPHONE | DATE | |
| | | | 502 540 6000 | 11/20/2012 | |
| | | | AREA Code | NUMBER | MM/DD/YYYY |

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February, March, and April); enter NODI=9 for the Season not needed.

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

Form Approved
OMB No. 2040-0004

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

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LOUISVILLE, KY 40211
FACILITY: BERRYTOWN WQTC MSD
LOCATION: HEAFER RD
LOUISVILLE, KY 40222
ATTN: DENNIS THOMASSON, SR METRO OPS

| | |
|---------------|------------------|
| KY0036501 | 001-2 |
| PERMIT NUMBER | DISCHARGE NUMBER |

DMR Mailing ZIP CODE: 40211
MINOR
(SUBR LV) JEFFE
SANITARY WASTEWATER
External Outfall

| MONITORING PERIOD | | | |
|-------------------|------------|------------|------------|
| MM/DD/YYYY | | MM/DD/YYYY | |
| FROM | 10/01/2012 | TO | 10/31/2012 |

No Discharge

| PARAMETER | | QUANTITY OR LOADING | | | QUALITY OR CONCENTRATION | | | | NO. EX | FREQUENCY OF ANALYSIS | SAMPLE TYPE |
|---------------------------------|--------------------|---------------------|------------------|-------|--------------------------|----------------|----------------|-------|--------|-----------------------|-------------|
| | | VALUE | VALUE | UNITS | VALUE | VALUE | VALUE | UNITS | | | |
| BOD, carbonaceous, 05 day, 20 C | SAMPLE MEASUREMENT | 4.2 | 5.0 | | ***** | 8 | 10 | | 0 | 1/2 | CP |
| 80082 1 0 Effluent Gross | PERMIT REQUIREMENT | 18.8 30DA AVG | 37.6 DAILY MX | lb/d | ***** | 30 30DA AVG | 60 DAILY MX | mg/L | | Weekly | COMPOS |

| | | | | | |
|--|---|--|-----------|---------|------------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>GREG WEITZMAN</i> INTERIM 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 <i>Shane V. Wright</i> | TELEPHONE | | DATE |
| | | | AREA Code | NUMBER | MM/DD/YYYY |
| | | | 502 | 5426000 | 11/20/2012 |

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

Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

| Berrytown | Report for | Oct-12 | | Tot. Exc.= | | 0 | | | |
|------------|------------|----------------|-------|------------|-------|--------|-------|-------|------------|
| Tot. Flow= | 2.576 | Concentrations | | | | Pounds | | | |
| Date | Flow | TSS | BOD | NH3 | Fecal | TSS | BOD | NH3 | Tot. Phos. |
| 10/1/12 | 0.085 | 2 | 7 | 0.56 | | 1.418 | 4.962 | 0.397 | 1.79 |
| 10/2/12 | 0.142 | | | | 26 | | | | |
| 10/3/12 | 0.085 | | | | | | | | |
| 10/4/12 | 0.057 | | | | | | | | |
| 10/5/12 | 0.058 | | | | | | | | |
| 10/6/12 | 0.056 | | | | | | | | |
| 10/7/12 | 0.054 | | | | | | | | |
| 10/8/12 | 0.053 | 2 | 7 | 0.5 | | 0.884 | 3.094 | 0.221 | 1.81 |
| 10/9/12 | 0.048 | | | | 5 | | | | |
| 10/10/12 | 0.064 | | | | | | | | |
| 10/11/12 | 0.060 | | | | | | | | |
| 10/12/12 | 0.062 | | | | | | | | |
| 10/13/12 | 0.064 | | | | | | | | |
| 10/14/12 | 0.066 | | | | | | | | |
| 10/15/12 | 0.059 | 2 | 9 | 0.39 | | 0.984 | 4.429 | 0.192 | 2.48 |
| 10/16/12 | 0.600 | | | | 5 | | | | |
| 10/17/12 | 0.054 | | | | | | | | |
| 10/18/12 | 0.059 | | | | | | | | |
| 10/19/12 | 0.064 | | | | | | | | |
| 10/20/12 | 0.061 | | | | | | | | |
| 10/21/12 | 0.070 | | | | | | | | |
| 10/22/12 | 0.051 | 7 | 10 | 0.39 | | 2.977 | 4.253 | 0.166 | 2.62 |
| 10/23/12 | 0.061 | | | | 2 | | | | |
| 10/24/12 | 0.061 | | | | | | | | |
| 10/25/12 | 0.063 | | | | | | | | |
| 10/26/12 | 0.066 | | | | | | | | |
| 10/27/12 | 0.087 | | | | | | | | |
| 10/28/12 | 0.073 | | | | | | | | |
| 10/29/12 | 0.064 | | | | | | | | |
| 10/30/12 | 0.066 | | | | | | | | |
| 10/31/12 | 0.063 | | | | | | | | |
| Average | 0.083 | 3.25 | 8.25 | 0.46 | 6.00 | 1.57 | 4.18 | 0.24 | 2.18 |
| Maximum | 0.600 | 7.00 | 10.00 | 0.56 | 26.00 | 2.98 | 4.96 | 0.40 | 2.62 |