



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

July 11, 2013

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

**Re: MSD Metro Operations
Shadow Wood WQTC; KPDES No.: KY0031810
Discharge Monitoring Reports for June 2013.**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Shadow Wood WQTC; KPDES No.: KY0031810 for the month of June 2013.

There were no exceedences, overflows or bypasses to reports for this month.

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

Sincerely,

A handwritten signature in black ink that reads "Kevin Thompson".

Kevin Thompson
Process Supervisor, East Region

KT/Shadow Wood 06/13.

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

| | | | |
|--------------------|-------------------------|--------------------|---|
| Permit | | | |
| Permit #: | KY0031810 | Permittee: | SHADOWWOOD WQTC MSD |
| Major: | No | Permittee Address: | 5497 FOREST LAKE DR LOUISVILLE, KY 40059 |
| Permitted Feature: | 001 External Outfall | Discharge: | 001-1 SANITARY WASTEWATER |
| Facility: | | Facility: | SHADOWWOOD WQTC MSD |
| | | Facility Location: | 5497 FOREST LAKE DR LOUISVILLE, KY 40059 |

| | | | |
|----------------------------------|---------------------------|---------------|----------|
| Report Dates & Status | | | |
| Monitoring Period: | From 06/01/13 to 06/30/13 | DMR Due Date: | 07/28/13 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion

| | | | |
|------------------------------------|----------|------------|--------------------|
| Principal Executive Officer | | | |
| First Name: | Greg | Title: | Executive Director |
| Last Name: | Heitzman | Telephone: | 502-540-6000 |

No Data Indicator (NODI)
Form NODI: --

| Code | Parameter Name | Monitoring Location | Season # | Param. NODI | Quantity or Loading | | | | | Quality or Concentration | | | | | # of Ex. | Frequency of Analysis | Sample Type | | | |
|-------|--|---------------------|----------|-------------|---------------------|---------|------------------|---------|------------------|--------------------------|------------------|--------------|------------------|--------------|--------------|-----------------------|--------------------|--------------------|----------------|-----------|
| | | | | | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Qualifier 3 | | | | Value 3 | Units | |
| 00300 | Oxygen, dissolved (DO) | 1 - Effluent Gross | 0 | -- | Sample | = | 8 | | | | | | | | | 19 - mg/L | 0 | 01/01 - Daily | GR - GRAB | |
| | | | | | Permit Req. | >= | 7 INST MIN | | | | | | | | | | 19 - mg/L | 0 | 01/07 - Weekly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | = | 8 | | | | = | 9 | | | 12 - SU | 0 | 01/01 - Daily | GR - GRAB | | |
| | | | | | Permit Req. | >= | 6 MINIMUM | | | <= | 9 MAXIMUM | | | | | 12 - SU | 0 | 01/07 - Weekly | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | = | 3 | = | 6 | 26 - lb/d | = | 9 | = | 17 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Permit Req. | <= | 21.3 30DA AVG | <= | 42.6 DAILY MX | 26 - lb/d | <= | 30 30DA AVG | <= | 60 DAILY MX | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total (as N) | 1 - Effluent Gross | 1 | -- | Sample | = | 0.11 | = | 0.2 | 26 - lb/d | = | 0.4 | = | 0.5 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Permit Req. | <= | 1.42 30DA AVG | <= | 2.84 DAILY MX | 26 - lb/d | <= | 2 30DA AVG | <= | 4 DAILY MX | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total (as P) | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 0.3 | = | 0.4 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Permit Req. | | | | | | Req Mon 30DA AVG | | Req Mon DAILY MX | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 0.036 | = | 0.057 | 03 - MGD | | | | | | | 99/99 - Continuous | CN - CONTIN | | |
| | | | | | Permit Req. | | Req Mon 30DA AVG | | Req Mon INST MAX | 03 - MGD | | | | | | | 0 | 99/99 - Continuous | CN - CONTIN | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 74055 | Coliform, fecal general | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 2 | = | 2 | 13 - #/100mL | 0 | 01/07 - Weekly | GR - GRAB | | |
| | | | | | Permit Req. | | | | | | <= | 200 30DA GEO | <= | 400 7 DA GEO | 13 - #/100mL | 0 | 01/07 - Weekly | GR - GRAB | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 80082 | BOD, carbonaceous, 05 day, 20 C | 1 - Effluent Gross | 0 | -- | Sample | = | 0.6 | = | 0.7 | 26 - lb/d | = | 2 | = | 2 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Permit Req. | <= | 7.09 30DA AVG | <= | 14.2 DAILY MX | 26 - lb/d | <= | 10 30DA AVG | <= | 20 DAILY MX | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note
If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors
No errors.

Comments

| Attachments | | |
|-----------------------------|------|-------|
| Name | Type | Size |
| THOMPSON_0723082553_001.pdf | pdf | 13568 |
| THOMPSON_0723082605_001.pdf | pdf | 6042 |

Report Last Saved By
SHADOWWOOD WQTC MSD

| | | | |
|---------|----------------------------------|------------|--------------------------------------|
| User: | kevin.thompson@louisvillemsd.org | Date/Time: | 2013-07-24 13:21 (Time Zone: -04:00) |
| Name: | Kevin Thompson | | |
| E-Mail: | kevin.thompson@louisvillemsd.org | | |

