



700 West Liberty Street | Louisville, KY 40203-1911  
Phone: 502.540.6000 | LouisvilleMSD.org

September 20, 2018

Ms. Crystal Dennis  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**Re: Derek Guthrie Water Quality Treatment Center  
KPDES Permit No. KY0078956,  
Discharge monitoring report for August 2018.**

Dear Ms. Crystal Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, KPDES No: KY0078956, for the month of August 2018.

There were no exceedances or bypass reports for the Derek Guthrie WQTC.  
Also attached are overflow reports.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.  
Sincerely,

Kevin Thompson  
Process Supervisor, West Region

KLT/West County 08/18  
Enclosures

cc: C. Roth  
V. Graves  
R. Shaw



|   |                     |   |    |             |    |             |  |  |        |                 |                 |             |
|---|---------------------|---|----|-------------|----|-------------|--|--|--------|-----------------|-----------------|-------------|
| 81011 Solids, suspended percent removal | K - Percent Removal | 0 | -- | Sample      | =  | 97          |  |  | 23 - % | 01/30 - Monthly | CA - CALCTD     |             |
|   |                     |   |    | Permit Req. | >= | 85 MO AV MN |  |  | 23 - % | 0               | 01/30 - Monthly | CA - CALCTD |
|   |                     |   |    | Value NOD!  |    |             |  |  |        |                 |                 |             |

**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   |
|-----------------------------------|------|--------|
| August2018_OverflowReport_DRG.pdf | pdf  | 107451 |
| 201808_DRG_Coverletter.pdf        | pdf  | 49269  |
| 201808_DRG_MOR.pdf                | pdf  | 80364  |

**Report Last Saved By**

**Derek R Guthrie WQTC MSD**

User: kevin.thompson@louisvillemsd.org  
 Name: Kevin Thompson  
 E-Mail: kevin.thompson@louisvillemsd.org  
 Date/Time: 2018-09-20 09:09 (Time Zone: -04:00)

**Report Last Signed By**

User: kevin.thompson@louisvillemsd.org  
 Name: Kevin Thompson  
 E-Mail: kevin.thompson@louisvillemsd.org  
 Date/Time: 2018-09-20 13:29 (Time Zone: -04:00)

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES #   | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0078956 | MSD0277     | DEREK R. GUTHRIE               | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 19360       | 5205 RONWOOD DR  |  | NORTHERN DITCH   | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2965064 |        | 08/16/2018 | HENDRIX      | HENDRIX     | DOCUMENTED   | 08/16/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 08/16/18 02:01 PM | CAP       |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 100 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | MSD CREW WILL CLEAN IMPACTED AREA.                                      |
| Control Zone:        | PLACED TEMPORARY DISCHARGE SIGN AROUND MANHOLE.                         |
| Impact:              | SEWAGE AROUND MANHOLE #19360  |
| Repair:              | INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT NEEDED BY MSD. |
| Public Notification: | PLACED TEMPORARY DISCHARGE SIGNA AND DOOR HANGERS.                      |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 8/17/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES #   | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0078956 | MSD0277     | DEREK R. GUTHRIE               | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 25484       | 9317 LANTANA DR  |  | PENNSYLVANIA RUN | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2964818 |        | 08/16/2018 | ROTTET JR    | RAYMER      | DOCUMENTED   | 01/13/2013 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 08/16/18 02:15 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 4,350 GAL  |
| Cause:               | HEAVY RAIN/LACK OF SYSTEM CAPACITY.                    |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA. |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                      |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.                 |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP. |
| Public Notification: | TEMPORARY SIGNS HAVE BEEN POSTED.                      |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 8/16/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 8/16/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES #   | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0078956 | MSD0277     | DEREK R. GUTHRIE               | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|--------------------|--|------------------|--------------|
| SMH Sewer Manhole | 60679       | 9114 CINDERELLA LN |  | FISHPOOL CREEK   | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2964831 |        | 08/16/2018 | ROTTET JR    | RAYMER      | DOCUMENTED   | 12/15/2007 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 08/16/18 10:10 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 111,000 GAL  |
| Cause:               | HEAVY RAIN/LACK OF SYSTEM CAPACITY.                    |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA. |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                      |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.                 |
| Repair:              | A SOLUTION FOR THIS LOCATION IS LOCATED IN THE IOAP.   |
| Public Notification: | TEMPORARY SIGNS HAVE BEEN POSTED.                      |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 8/16/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 8/16/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES #   | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0078956 | MSD0277     | DEREK R. GUTHRIE               | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 61775       | 6415 RIVERDALE RD |  | MILL CREEK       | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status              | Event Date | Problem            | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|---------------------------|------------|--------------------|---------------------------------|-------------------|-----------|
| : DISDW: DRY WEATHER DISCHARGE | 2958552 |        | 08/03/2018 | HENDRIX      | HENDRIX     | REPAIRED - ISSUE RESOLVED | 08/03/2018 | STRUCTURAL FAILURE | UNAUTHORIZED DISCHARGE - WATERS | 08/03/18 12:00 PM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 100 GAL   |
| Cause:               | A SECTION OF MAIN SEWER WAS BROKE.                          |
| Clean Up:            | MSD CREW WILL CLEAN IMPACTED AREA.                          |
| Control Zone:        | PLACED CATUION TAPE AND TEMPORARY DISCHARGE SIGNS OUT.      |
| Impact:              | SEWAGE DISCHARGING FROM MANHOLE IN REAR.                    |
| Repair:              | FLUSHED AND MADE REPAIRS TO MAIN SEWER.                     |
| Public Notification: | ADVSIED CUSTOMER ON SITE, PLACED TEMPORARY DISCHARGE SIGNS. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 8/4/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|---|

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES #   | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0078956 | MSD0277     | DEREK R. GUTHRIE               | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 93703       | 8800 ADMIRAL DR  |  | PENNSYLVANIA RUN | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2964804 |        | 08/16/2018 | ROTTET JR    | CROTZER     | DOCUMENTED   | 03/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 08/17/18 12:15 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 146,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.                                 |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.   |
| Control Zone:        | TEMPORARY SIGNS PLACED AROUND DISCHARGE SITE.            |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.                   |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP. |
| Public Notification: | TEMPORARY SIGNS PLACED AROUND DISCHARGE SITE.            |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 8/16/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 8/16/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Total Facilities Printed: 5

Total Work Orders Printed: 5



