



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

October 26, 2018

Crystal Dennis  
Permit Support Section  
Surface Water Permits Branch  
Division of Water  
200 Fair Oaks Lane 4th Floor  
Frankfort, KY 40601

Re: Morris Forman Water Quality Treatment Center  
KPDES Permit No. KY0022411

Dear Ms. Dennis:


In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period September 1<sup>st</sup> to September 30<sup>th</sup>, 2018 are provided through NetDMR. The Morris Forman Water Quality Treatment Center (MFWQTC) did not meet 30 day TSS, 7 day TSS, 30 day BOD, 7 day BOD, and TSS Percent Removal for the reporting period.

Compromised solids handling equipment is contributing to the exceedances. MFWQTC continues to employ additional solids processing methods: dewatered cake and an outside vendor to assist with solids handling in addition to purchasing additional Liquid Oxygen in an effort to meet permit requirements.

Additionally, the Plant Information system had an equipment failure on September 22, 2018. As a result of the failure, plant effluent flow was only recorded and reported for the first 16 hours of the day.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely,



Alex E. Novak, P.E.  
Treatment Facilities Director

DMR Copy of Record

|                    |                         |                    |  |                    |   |
|--------------------|-------------------------|--------------------|--|--------------------|---|
| <b>Permit</b>      |                         |                    |  |                    |   |
| Permit #:          | KY0022411               | Permittee:         | Morris Forman WQTC MSD                   | Facility:          | MORRIS FORMAN WQTC MSD                      |
| Major:             | Yes                     | Permittee Address: | 700 W Liberty St<br>Louisville, KY 40203 | Facility Location: | 4522 ALGONQUIN PKWY<br>LOUISVILLE, KY 40211 |
| Permitted Feature: | 001<br>External Outfall | Discharge:         | 001-1<br>MUNICIPAL DISCHARGE             |                    |   |

|                                  |                           |               |          |         |                  |
|----------------------------------|---------------------------|---------------|----------|---------|------------------|
| <b>Report Dates &amp; Status</b> |                           |               |          |         |                  |
| Monitoring Period:               | From 09/01/18 to 09/30/18 | DMR Due Date: | 10/28/18 | Status: | NetDMR Validated |

**Considerations for Form Completion**  
 G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFLUENT - Parameter 74055 - 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.

|                                    |          |        |                    |            |              |
|------------------------------------|----------|--------|--------------------|------------|--------------|
| <b>Principal Executive Officer</b> |          |        |                    |            |              |
| First Name:                        | James A. | Title: | Executive Director | Telephone: | 502-540-6000 |
| Last Name:                         | Parrott  |        |                    |            |              |

**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              |         |                |         |                  | =                        | 2.3        |             |                |                  |             | 19 - mg/L             | 0             | 01/01 - Daily      | GR - GRAB   |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         |                |         |                  | >=                       | 2 INST MIN |             |                |                  |             | 19 - mg/L             |               | 01/01 - Daily      | GR - GRAB   |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| X 00310 | BOD, 5-day, 20 deg. C                    | E - Secondary/Biological Process Complete | 0        | --          | Sample              | =       | 25120          | =       | 37300            | 26 - lb/d                |            | =           | 35             | =                | 58          | 19 - mg/L             | 2             | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 26 - lb/d                |            | <=          | 30 MO AVG      | <=               | 45 MX WK AV | 19 - mg/L             |               | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 00310   | BOD, 5-day, 20 deg. C                    | G - Raw Sewage Influent                   | 0        | --          | Sample              | =       | 207596         | =       | 245508           | 26 - lb/d                |            | =           | 272            | =                | 380         | 19 - mg/L             | 0             | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 26 - lb/d                |            |             | Req Mon MO AVG | Req Mon MX WK AV | 19 - mg/L   | 01/01 - Daily         |               | CP - COMPOS        |             |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 00400   | pH                                       | 1 - Effluent Gross                        | 0        | --          | Sample              |         |                |         |                  | =                        | 6.2        |             |                |                  | 12 - SU     | 0                     | 01/01 - Daily | GR - GRAB          |             |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         |                |         |                  | >=                       | 6 MINIMUM  |             |                | <=               | 9 MAXIMUM   |                       | 12 - SU       | 01/01 - Daily      | GR - GRAB   |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| X 00530 | Solids, total suspended                  | E - Secondary/Biological Process Complete | 0        | --          | Sample              | =       | 45111          | =       | 69653            | 26 - lb/d                |            | =           | 62             | =                | 108         | 19 - mg/L             | 2             | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 26 - lb/d                |            | <=          | 30 MO AVG      | <=               | 45 MX WK AV | 19 - mg/L             |               | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 00530   | Solids, total suspended                  | G - Raw Sewage Influent                   | 0        | --          | Sample              | =       | 266490         | =       | 294144           | 26 - lb/d                |            | =           | 339            | =                | 422         | 19 - mg/L             | 0             | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 26 - lb/d                |            |             | Req Mon MO AVG | Req Mon MX WK AV | 19 - mg/L   | 01/01 - Daily         |               | CP - COMPOS        |             |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 00610   | Nitrogen, ammonia total [as N]           | E - Secondary/Biological Process Complete | 0        | --          | Sample              | =       | 5147           | =       | 7409             | 26 - lb/d                |            | =           | 7.5            | =                | 11.4        | 19 - mg/L             | 0             | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 26 - lb/d                |            | <=          | 20 MO AVG      | <=               | 30 MX WK AV | 19 - mg/L             |               | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 00610   | Nitrogen, ammonia total [as N]           | G - Raw Sewage Influent                   | 0        | --          | Sample              | =       | 6346           | =       | 7944             | 26 - lb/d                |            | =           | 8.6            | =                | 12          | 19 - mg/L             | 0             | 01/01 - Daily      | CP - COMPOS |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 26 - lb/d                |            |             | Req Mon MO AVG | Req Mon MX WK AV | 19 - mg/L   | 01/01 - Daily         |               | CP - COMPOS        |             |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 50050   | Flow, in conduit or thru treatment plant | E - Secondary/Biological Process Complete | 0        | --          | Sample              | =       | 89.35          | =       | 144.75           | 03 - MGD                 |            |             |                |                  |             |                       | 0             | 99/99 - Continuous | CN - CONTIN |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon DAILY MX | 03 - MGD                 |            |             |                |                  |             |                       |               | 99/99 - Continuous | CN - CONTIN |                 |              |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 50060   | Chlorine, total residual                 | 1 - Effluent Gross                        | 0        | --          | Sample              |         |                |         |                  |                          |            |             |                | <                | 0.016       | 19 - mg/L             | 0             | 01/01 - Daily      | GR - GRAB   |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         |                |         |                  |                          |            |             |                |                  |             | <=                    |               | 0.019 DAILY MX     | 19 - mg/L   | 01/01 - Daily   | GR - GRAB    |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 74055   | Coliform, fecal general                  | 1 - Effluent Gross                        | 1        | --          | Sample              |         |                |         |                  |                          |            |             |                | =                | 55          | 13 - #/100mL          | 0             | 01/01 - Daily      | GR - GRAB   |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         |                |         |                  |                          |            |             |                |                  |             | <=                    |               | 200 30DA GEO       | <=          | 400 7 DA GEO    | 13 - #/100mL | 01/01 - Daily | GR - GRAB |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| 81010   | BOD, 5-day, percent removal              | K - Percent Removal                       | 0        | --          | Sample              |         |                |         |                  | =                        | 87         |             |                |                  |             | 23 - %                | 0             | 01/30 - Monthly    | CA - CALCTD |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         |                |         |                  |                          |            |             |                |                  |             | >=                    |               | 85 MO MIN          | 23 - %      | 01/30 - Monthly | CA - CALCTD  |               |           |
|         |  |   |          |             | Value NODI          |         |                |         |                  |                          |            |             |                |                  |             |                       |               |                    |             |                 |              |               |           |
| X 81011 | Solids, suspended percent removal        | K - Percent Removal                       | 0        | --          | Sample              |         |                |         |                  | =                        | 82         |             |                |                  |             | 23 - %                | 0             | 01/30 - Monthly    | CA - CALCTD |                 |              |               |           |
|         |  |   |          |             | Permit Req.         |         |                |         |                  |                          |            |             |                |                  |             | >=                    |               | 85 MO MIN          | 23 - %      | 01/30 - Monthly | CA - CALCTD  |               |           |
|         |  |   |          |             | 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.

| <b>Edit Check Errors</b> |                |                     |       |      |             |             |
|--------------------------|----------------|---------------------|-------|------|-------------|-------------|
| Code                     | Parameter Name | Monitoring Location | Field | Type | Description | Acknowledge |

|       |                                   |   |   |      |  |     |
|-------|-----------------------------------|---|---|------|--|-----|
| 81011 | Solids, suspended percent removal | K - Percent Removal                       | Quality or Concentration Sample Value 1 | Soft | The provided sample value is outside the permit limit. (Error Code: 1) | Yes |
| 00530 | Solids, total suspended           | E - Secondary/Biological Process Complete | Quality or Concentration Sample Value 2 | Soft | The provided sample value is outside the permit limit. (Error Code: 1) | Yes |
| 00530 | Solids, total suspended           | E - Secondary/Biological Process Complete | Quality or Concentration Sample Value 3 | Soft | The provided sample value is outside the permit limit. (Error Code: 1) | Yes |
| 00310 | BOD, 5-day, 20 deg. C             | E - Secondary/Biological Process Complete | Quality or Concentration Sample Value 2 | Soft | The provided sample value is outside the permit limit. (Error Code: 1) | Yes |
| 00310 | BOD, 5-day, 20 deg. C             | E - Secondary/Biological Process Complete | Quality or Concentration Sample Value 3 | Soft | The provided sample value is outside the permit limit. (Error Code: 1) | Yes |

**Comments**

**Attachments**

| Name  | Type | Size   |
|---|------|--------|
| MFWQTCoverletter092018.pdf                    | pdf  | 32599  |
| MFWQTC0920018MOR.pdf                          | pdf  | 86382  |
| September2018_OverflowReport_MorrisForman.pdf | pdf  | 297813 |

**Report Last Saved By**

**Morris Forman WQTC MSD**

User: kessel@louisvillemsd.org  
Name: John Kessel  
E-Mail: kessel@louisvillemsd.org  
Date/Time: 2018-10-26 14:27 (Time Zone: -04:00)

**Report Last Signed By**

User: kessel@louisvillemsd.org  
Name: John Kessel  
E-Mail: kessel@louisvillemsd.org  
Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

**DMR Copy of Record**

**Permit**

|                           |                         |                           |  |                           |   |
|---------------------------|-------------------------|---------------------------|--|---------------------------|---|
| <b>Permit #:</b>          | <b>KY0022411</b>        | <b>Permittee:</b>         | Morris Forman WQTC MSD                         | <b>Facility:</b>          | MORRIS FORMAN WQTC MSD                      |
| <b>Major:</b>             | Yes                     | <b>Permittee Address:</b> | 700 W Liberty St<br>Louisville, KY 40203       | <b>Facility Location:</b> | 4522 ALGONQUIN PKWY<br>LOUISVILLE, KY 40211 |
| <b>Permitted Feature:</b> | 001<br>External Outfall | <b>Discharge:</b>         | <b>001-Y</b><br>BIOMONITORING/ONCE PER QUARTER |                           |   |

**Report Dates & Status**

|                           |                                  |                      |                 |                |                         |
|---------------------------|----------------------------------|----------------------|-----------------|----------------|-------------------------|
| <b>Monitoring Period:</b> | <b>From 07/01/18 to 09/30/18</b> | <b>DMR Due Date:</b> | <b>10/28/18</b> | <b>Status:</b> | <b>NetDMR Validated</b> |
|---------------------------|----------------------------------|----------------------|-----------------|----------------|-------------------------|

**Considerations for Form Completion**

**Principal Executive Officer**

|                    |          |               |                    |                   |              |
|--------------------|----------|---------------|--------------------|-------------------|--------------|
| <b>First Name:</b> | James A. | <b>Title:</b> | Executive Director | <b>Telephone:</b> | 502-540-6000 |
| <b>Last Name:</b>  | Parrott  |               |                    |                   |              |

**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             |             |
| 00900 | Hardness, total [as CaCO3]          | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | =       | 322         |         | =           | 322      | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01025 | Cadmium, dissolved [as Cd]          | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.05        |         | <           | 0.05     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01040 | Copper, dissolved [as Cu]           | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.01        |         | <           | 0.01     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01049 | Lead, dissolved [as Pb]             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.05        |         | <           | 0.05     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01090 | Zinc, dissolved [as Zn]             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.05        |         | <           | 0.05     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01094 | Zinc, total recoverable             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.05        |         | <           | 0.05     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01113 | Cadmium, total recoverable          | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.05        |         | <           | 0.05     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01114 | Lead, total recoverable             | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.05        |         | <           | 0.05     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 01119 | Copper, total recoverable           | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          | <       | 0.01        |         | <           | 0.01     | 19 - mg/L             | 0           | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             |          |                       |             | 01/90 - Quarterly | CP - COMPOS       |             |
|       |                                     |                     |          |             | Value NODI          |         |             |         |       |                          |         |             |         |             |          |                       |             |                   |                   |             |
| 61406 | Toxicity, final conc toxicity units | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |       |                          |         |             |         | <           | 1        | 2F - tox acute        | 0           | 01/90 - Quarterly | G2 - GRAB-2       |             |
|       |                                     |                     |          |             | Permit Req.         |         |             |         |       |                          |         |             |         |             | <=       | 1 DAILY MX            |             | 2F - tox acute    | 01/90 - Quarterly | G2 - GRAB-2 |
|       |                                     |                     |          |             | 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**

No attachments.

**Report Last Saved By**

Morris Forman WQTC MSD

User: kessel@louisvillemd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemd.org

Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

**Report Last Signed By**

User: kessel@louisvillemsd.org

Name: John Kessel

E-Mail: kessel@louisvillemsd.org

Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

**DMR Copy of Record**

|                    |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| <b>Permit</b>      |                         |                    |   |
| Permit #:          | KY0022411               | Permittee:         | Morris Forman WQTC MSD  |
| Major:             | Yes                     | Permittee Address: | 700 W Liberty St<br>Louisville, KY 40203                              |
| Permitted Feature: | 001<br>External Outfall | Discharge:         | 001-B<br>SECONDARY BYPASS   |
| Facility:          |                         | Facility Location: | MORRIS FORMAN WQTC MSD<br>4522 ALGONQUIN PKWY<br>LOUISVILLE, KY 40211 |

|                                  |                           |               |          |
|----------------------------------|---------------------------|---------------|----------|
| <b>Report Dates &amp; Status</b> |                           |               |          |
| Monitoring Period:               | From 09/01/18 to 09/30/18 | DMR Due Date: | 10/28/18 |
| Status:                          | NetDMR Validated          |               |          |

**Considerations for Form Completion**  
 MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

|                                    |          |            |                    |
|------------------------------------|----------|------------|--------------------|
| <b>Principal Executive Officer</b> |          |            |                    |
| First Name:                        | James A. | Title:     | Executive Director |
| Last Name:                         | Parrott  | 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       |
| 00310 | BOD, 5-day, 20 deg. C                    | 1 - Effluent Gross                       | 0        | --          | Sample              |         |                |         |                  |                          | =       | 74             | =       | 113              | 19 - mg/L            | 14/30 - 14 Per Month  | CP - COMPOS |                          |             |
|       |  |  |          |             | Permit Req.         |         |                |         |                  |                          |         | Req Mon MO AVG |         | Req Mon MX WK AV | 19 - mg/L 0          |                       |             | WH/DS - When Discharging | CP - COMPOS |
|       |  |  |          |             | Value NODI          |         |                |         |                  |                          |         |                |         |                  |                      |                       |             |                          |             |
| 00310 | BOD, 5-day, 20 deg. C                    | F - Primary/Preliminary Process Complete | 0        | --          | Sample              |         |                |         |                  |                          | =       | 144            | =       | 239              | 19 - mg/L            | 14/30 - 14 Per Month  | CP - COMPOS |                          |             |
|       |  |  |          |             | Permit Req.         |         |                |         |                  |                          |         | Req Mon MO AVG |         | Req Mon MX WK AV | 19 - mg/L 0          |                       |             | WH/DS - When Discharging | CP - COMPOS |
|       |  |  |          |             | Value NODI          |         |                |         |                  |                          |         |                |         |                  |                      |                       |             |                          |             |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross                       | 0        | --          | Sample              |         |                |         |                  |                          | =       | 118            | =       | 156              | 19 - mg/L            | 14/30 - 14 Per Month  | CP - COMPOS |                          |             |
|       |  |  |          |             | Permit Req.         |         |                |         |                  |                          |         | Req Mon MO AVG |         | Req Mon MX WK AV | 19 - mg/L 0          |                       |             | WH/DS - When Discharging | CP - COMPOS |
|       |  |  |          |             | Value NODI          |         |                |         |                  |                          |         |                |         |                  |                      |                       |             |                          |             |
| 00530 | Solids, total suspended                  | F - Primary/Preliminary Process Complete | 0        | --          | Sample              |         |                |         |                  |                          | =       | 174            | =       | 278              | 19 - mg/L            | 14/30 - 14 Per Month  | CP - COMPOS |                          |             |
|       |  |  |          |             | Permit Req.         |         |                |         |                  |                          |         | Req Mon MO AVG |         | Req Mon MX WK AV | 19 - mg/L 0          |                       |             | WH/DS - When Discharging | CP - COMPOS |
|       |  |  |          |             | Value NODI          |         |                |         |                  |                          |         |                |         |                  |                      |                       |             |                          |             |
| 00610 | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross                       | 0        | --          | Sample              |         |                |         |                  |                          | =       | 8              | =       | 13.5             | 19 - mg/L            | 14/30 - 14 Per Month  | CP - COMPOS |                          |             |
|       |  |  |          |             | Permit Req.         |         |                |         |                  |                          |         | Req Mon MO AVG |         | Req Mon MX WK AV | 19 - mg/L 0          |                       |             | WH/DS - When Discharging | CP - COMPOS |
|       |  |  |          |             | Value NODI          |         |                |         |                  |                          |         |                |         |                  |                      |                       |             |                          |             |
| 00610 | Nitrogen, ammonia total [as N]           | F - Primary/Preliminary Process Complete | 0        | --          | Sample              |         |                |         |                  |                          | =       | 11.3           | =       | 19               | 19 - mg/L            | 14/30 - 14 Per Month  | CP - COMPOS |                          |             |
|       |  |  |          |             | Permit Req.         |         |                |         |                  |                          |         | Req Mon MO AVG |         | Req Mon MX WK AV | 19 - mg/L 0          |                       |             | WH/DS - When Discharging | CP - COMPOS |
|       |  |  |          |             | Value NODI          |         |                |         |                  |                          |         |                |         |                  |                      |                       |             |                          |             |
| 50050 | Flow, in conduit or thru treatment plant | F - Primary/Preliminary Process Complete | 0        | --          | Sample              | =       | 25.49          | =       | 72.73            | 03 - MGD                 |         |                |         |                  | 14/30 - 14 Per Month | CN - CONTIN           |             |                          |             |
|       |  |  |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 03 - MGD                 |         |                |         |                  |                      |                       | 0           | WH/DS - When Discharging | CN - CONTIN |
|       |  |  |          |             | 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**  
 No attachments.

**Report Last Saved By**  
 Morris Forman WQTC MSD

User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

**Report Last Signed By**  
 User: kessel@louisvillemsd.org  
 Name: John Kessel  
 E-Mail: kessel@louisvillemsd.org  
 Date/Time: 2018-10-26 14:28 (Time Zone: -04:00)

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|---------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 02933       | 7900 SHELBYVILLE RD |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977411 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/04/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 11:20 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 150,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977576  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING HEAVY DEBRIS ION TO THE GROUND AND NTO THE CREEK.                   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.          |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| : DISREVRAIN EVENT<br>DISCHARGE | 2985142 |        | 9/24/2018<br>11:02:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 03/04/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/26/18 09:05<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 580,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986225  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING IN TO STREAM.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|---------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 02935       | 7900 SHELBYVILLE RD |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985138 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/19/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 12:10 PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 58,800 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | CLEAN UP NOT REQUIRED MANHOLE DISCHARES DIRECTLY INTO THE STREAM.   |
| Control Zone:        | TEMP. & PERM. DISCHARGE SIGNS POSTED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING INTO STREAM.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 08427       | 4313 PRUITT CT   |  | SOUTH FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977430 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 02/25/2011 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 09:23 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 13,500 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.   |
| Control Zone:        | CONES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRAIN EVENT<br>DISCHARGE | 2984650 |        | 9/23/2018<br>12:55:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 02/25/2011 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/25/18 10:11<br>AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 67,900 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | CLEAN UP NOT REQUIRED.  |
| Control Zone:        | CONE AND CAUTION TAPE.  |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 08431       | 4339 PRUITT CT   |  | SOUTH FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977432 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 02/25/2011 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 09:30 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 38,700 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.   |
| Control Zone:        | CONES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2984652 |        | 9/23/2018<br>1:00:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 02/25/2011 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/25/18 10:39<br>AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 68,475 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | CLEAN UP NOT REQUIRED.  |
| Control Zone:        | CONE AND CAUTION TAPE.  |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address     | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|----------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 08935-SM    | 1001 BRECKENRIDGE LN |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977527 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 11/29/2001 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/10/18 09:45 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 1,300,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | NO CLEANUP REQUIRED DISCHARGE, PIPE IS SUBMERGED.                              |
| Control Zone:        | NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.                       |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/10/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/10/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| : DISREVRAIN EVENT<br>DISCHARGE | 2984599 |        | 9/23/2018<br>6:39:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 11/29/2001 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/23/18 07:03<br>AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 800 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | CLEAN UP NOT REQUIRED, PIPE IS SUBMERGED.                                      |
| Control Zone:        | NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.                       |
| Impact:              | NOTIFICATION RECEIVED THROUGH REMOTE DISCHARGE ALARM.                          |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/23/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/23/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 105936      | 7713 WESTPORT RD |  | GOOSE CREEK      | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977419 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/04/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 12:23 PM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 75,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2977582   |
| Control Zone:        | NO CONTROL ZONE WAS ESTABLISHED. UNABLE TO ACCESS THE AREA.                    |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2985151     |                                | 9/24/2018<br>1:18:00PM | MITCHELL     | BROWN                                | DOCUMENTED   | 03/04/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 07:30<br>AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 252,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985015 |        | 9/24/2018<br>2:20:00PM | SMITH        | ROTTET JR   | DOCUMENTED   | 03/04/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/25/18 12:45<br>AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 62,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN.                                |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.               |
| Control Zone:        | PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS.                   |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| Repair:              | SOLUTION IN THE IOAP.  |
| Public Notification: | TEMPORARY SIGNS AROUND AFFECTED AREA.                                |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 16649       | 1726 FRASER DR   |  | SOUTH FORK BEARGRASS 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 | 2977385 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 01/24/2002 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/10/18 10:45 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 127,731 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEAN UP NEEDED, PIPE IS SUMERGED. AND DISCHARGES DIRECTLY INTO THE CREEK.                             |
| Control Zone:        | NO CONTROL ZONE WAS ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.    |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE ALARM.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2984653     |                                | 9/23/2018<br>7:15:00AM | MITCHELL     | BROWN                                | DOCUMENTED   | 01/24/2002 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 11:00<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 566,467 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.  |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.   |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|---------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 23211       | 3302 TROUT CREEK DR |  | SOUTH FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977382 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 02/22/2000 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 09:05 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 69,800 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977562  |
| Control Zone:        | BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.   |
| Impact:              | MANHOLE DISCHARGING LIGHT DEBRIS.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 23212       | 2001 TERRIL LN   |  | SOUTH FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985114 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 04/04/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 09:27 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 119,600 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#2986268   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|--------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 26752       | 3317 BROWNSBORO RD |  | MUDDY FORK BEARGRASS 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 | 2977417 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 04/04/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/08/18 11:00 PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 60,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                              |
| Control Zone:        | NO CONTROL ZONE WAS ESTABLISHED. UNABLE TO ACCESS THE AREA.                                   |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM. UNABLE TO ACCESS THE AREA DUE TO FLOODING. |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.                |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2985154     |                                | 9/24/2018<br>8:30:00AM | MITCHELL     | BROWN                                | DOCUMENTED   | 04/04/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 05:50<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 68,500 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                    |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE. |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.      |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|--------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28249       | 3500 ST EDWARDS DR |  | CHENOWETH RUN    | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985126 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/12/2006 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 05:10 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 80,250 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#2986275   |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                             |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28250       | 3506 CHARLANE PKY |  | CHENOWETH RUN    | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2984657 |        | 09/23/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 01/03/2005 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/25/18 06:40 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 64,750 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986277  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|--------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28336       | 9707 WILLOWOOD WAY |  | CHENOWETH RUN    | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977392 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 08/30/2005 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 10:10 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 92,500 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977571  |
| Control Zone:        | BARRICADE, CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | MANHOLE DISCHARGING LIGHT DEBRIS.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|-------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                         |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated               | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2984658     |                                | 9/23/2018<br>12:00:00PM | MITCHELL     | BROWN                                | DOCUMENTED   | 08/30/2005 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 05:30<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 116,250 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986274  |
| Control Zone:        | BARRICADES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                      |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28340       | 3620 CHARLANE PKY |  | CHENOWETH 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 | 2986278 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 01/03/2005 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/25/18 06:40 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 14,125 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | CLEAN UP NOT REQUIRED.   |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.                       |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DISCHARGED CONTENT.   |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/28/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28415       | 3406 DELL RD     |  | CHENOWETH 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 | 2977387 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 12/19/2002 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 09:45 AM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 37,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2977569   |
| Control Zone:        | CONES, CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                      |
| Impact:              | MANHOLE DISCHARGING LIGHT DEBRIS.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2984654 |        | 9/23/2018<br>12:10:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 12/19/2002 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/24/18 09:45<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 14,250 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | CLEAN UP NOT REQUIRED.  |
| Control Zone:        | TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                 |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28416       | 3501 MARLIN DR   |  | CHENOWETH 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 | 2986279 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 04/04/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/25/18 06:25 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 62,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | CLEAN UP NOT REQUIRED.   |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.                       |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT.      |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/28/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28451       | 3406 CHARLANE PKY |  | CHENOWETH 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 | 2984655 |        | 09/23/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 10/28/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 12:50 PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 109,750 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986272  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28453       | 3402 CHARLANE PKY |  | CHENOWETH RUN    | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977390 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 10/28/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 09:55 AM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 11,175 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2977569   |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                             |
| Impact:              | MANHOLE DISCHARGING LIGHT DEBRIS.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|-------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                         |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated               | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2984656     |                                | 9/23/2018<br>12:00:00PM | MITCHELL     | BROWN                                | DOCUMENTED   | 10/28/2015 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 05:40<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 116,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986273  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address     | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|----------------------|--|------------------|--------------|
| SMH Sewer Manhole | 28711       | 9514 TAYLORSVILLE RD |  | BEATTY BROOK     | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985124 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/24/18 09:45 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 22,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#2986280   |
| Control Zone:        | CAUTION TAPE, CONES, AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                     |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 30082       | 4506 DEEPWOOD DR |  | GOOSE CREEK      | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status              | Event Date | Problem                         | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|---------------------------|------------|---------------------------------|--------------------------------|-------------------|-----------|
| : DISDW: DRY WEATHER DISCHARGE | 2983151 |        | 09/18/2018 | BIVIN        | BIVIN       | REPAIRED - ISSUE RESOLVED | 09/18/2018 | OBSTRUCTION-N OT GREASE / ROOTS | UNAUTHORIZED DISCHAGE - WATERS | 09/18/18 01:40 PM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 300 GAL   |
| Cause:               | OBSTRUCTION IN THE LINE.  |
| Clean Up:            | MSD WILL CLEAN AREA.  |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE.  |
| Impact:              | OBSERVED WATER FLOWING DOWN HILL ON WOLF PEN BRANCH . TRACED TO MH# 30082 BEHIND 4504 DEEP WOOD DR. |
| Repair:              | FLUSH AND ROOT CUT LINE.  |
| Public Notification: | DISCHARGE SIGNS.  |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/18/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/18/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address          | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|---------------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 41374       | 300 MOCKINGBIRD VALLEY RD |  | MUDDY FORK BEARGRASS 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 | 2985153 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/27/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 05:50 PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 76,500 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                    |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE. |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.      |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | 43726       | 1108 DUPONT CIR  |  | WEICHER CREEK    | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985156 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 12/27/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 05:20 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 150,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2986262   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.    |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 45796       | 1011 ALTA CIR    |  | MIDDLE FORK BEARGRASS 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 | 2977493 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 05/10/2014 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 07:15 PM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 16,200 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2988599   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING DIRECTLY INTO AND AROUND THE CREEK.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2985133     |                                | 9/24/2018<br>9:54:00AM | MITCHELL     | BROWN                                | DOCUMENTED   | 05/10/2014 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/27/18 10:35<br>AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 864,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986257  |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE. |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.      |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|--------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 45835       | 1132 ROSTREVOR CIR |  | MIDDLE FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977398 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/02/2003 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 07:05 PM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 95,625 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977593  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND A BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING HEAVY DEBRIS.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.            |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2984659 |        | 9/23/2018<br>2:45:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 09/02/2003 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/23/18 04:30<br>PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 13,125 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2986255   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING, DEBRIS FLOWING INTO THE CREEK.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| : DISREVRAIN EVENT<br>DISCHARGE | 2985132 |        | 9/24/2018<br>2:45:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 09/02/2003 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/27/18 03:00<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 648,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986255  |
| Control Zone:        | BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING ON THE GROUND AND INTO THE CREEK.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|--------------------|--|------------------|--------------|
| SMH Sewer Manhole | 45900       | 1122 ROSTREVOR CIR |  | HAWKINS RILL     | DITCH        |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977404 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 12/27/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 09:54 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 18,750 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977574  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING HEAVY DEBRIS IN AND AROUND THE CREEK.                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.          |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2985136     |                                | 9/24/2018<br>5:02:00PM | MITCHELL     | BROWN                                | DOCUMENTED   | 12/27/2015 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 03:00<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 840,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986267  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 46623       | 4801 CASSIA CT   |  | MUDDY FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977535 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 04/03/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 08:00 PM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 9,375 GAL  |
| Cause:               | HEAVY RAIN LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | WO#2977597   |
| Control Zone:        | BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.                  |
| Impact:              | MANHOLE DISCHARGING MEDIUM DEBRIS AROUND AND IN TO THE CREEK.                  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/10/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRain EVENT<br>DISCHARGE | 2985159     |                                | 9/24/2018<br>1:54:00PM | MITCHELL     | BROWN                                | DOCUMENTED   | 04/03/2015 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 09:20<br>AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 387,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2977597   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 47582       | 201 BULLITT LN   |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977409 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 12/05/2011 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 07:30 PM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 132,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977594  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING MEDIUM DEBRIS.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.          |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| : DISREVRAIN EVENT<br>DISCHARGE | 2984660 |        | 9/23/2018<br>2:15:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 12/05/2011 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/23/18 05:40<br>PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 10,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2986250   |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | HEAVY DEBRIS DISCHARGING FROM MANHOLE, FLOWING INTO THE CREEK.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |                  |
|------------------------------------|-------------|--------------------------------|-------------------------|---------------------|--------------------------------------|---------------------|-------------------|-------------------------------|------------------------------------|----------------------|------------------|
| KY0022411 (Cont'd)                 | MSD0278     | MORRIS FORMAN                  |                         |                     | OHIO RIVER                           |                     |                   | WEST                          |                                    |                      |                  |
| <u>Activity Code / Description</u> | <u>WO #</u> | <u>Ref No</u>                  | <u>Initiated</u>        | <u>Initiated By</u> | <u>Assigned To</u>                   | <u>Disch Status</u> | <u>Event Date</u> | <u>Problem</u>                | <u>Result</u>                      | <u>Completed</u>     | <u>Condition</u> |
| : DISREVRain EVENT<br>DISCHARGE    | 2985140     |                                | 9/24/2018<br>10:35:00AM | MITCHELL            | BROWN                                | DOCUMENTED          | 12/05/2011        | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/27/18 09:25<br>AM |                  |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 420,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986250  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING INTO STREAM.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 47583       | 202 OXMOOR LN    |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977407 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 02/06/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 07:30 PM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 396,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977595  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.          |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985137 |        | 9/24/2018<br>10:35:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 02/06/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/27/18 09:00<br>AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 840,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986260  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|-------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 47593       | 8021 CHRISTIAN CT |  | MIDDLE FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977425 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/19/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 11:25 AM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 101,250 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2977580   |
| Control Zone:        | BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.                  |
| Impact:              | MANHOLE DISCHARGING DEBRIS IN TO THE CREEK.                                    |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985144 |        | 9/24/2018<br>11:19:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 03/19/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 12:01<br>PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 441,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2986070   |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS AROUND THE IMPACTED AREA.                              |
| Impact:              | MANHOLE DISCHARGING INTO THE CREEK.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 49445       | 2216 FAIRLAND AVE |  | BUECHEL BRANCH   | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985104 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/26/18 11:25 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 123,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                               |
| Clean Up:            | WO#2986281  |
| Control Zone:        | BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.      |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 49446       | 2219 RICHLAND AVE |  | BUECHEL BRANCH   | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985117 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 11:27 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 246,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                               |
| Clean Up:            | WO#2986283  |
| Control Zone:        | BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.      |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 49647       | 4315 PRUITT CT   |  | SOUTH FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977431 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 02/28/2011 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 09:23 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 13,500 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.   |
| Control Zone:        | CONES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | MANHOLE DISCHARGING NO SOLID OR DEBRIS OBSERVED.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address     | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|----------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 51160       | 3305 INDIAN CREEK CT |  | SOUTH FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977396 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 04/04/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 09:10 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 14,375 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977572  |
| Control Zone:        | BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.                 |
| Impact:              | MANHOLE DISCHARGING HEAVY DEBRIS.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                   |                      |           |
|---------------------------------|-------------|--------------------------------|-------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                         |              | OHIO RIVER                           |              |            | WEST                          |                                   |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated               | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
| : DISREVRAIN EVENT<br>DISCHARGE | 2985111     |                                | 9/24/2018<br>10:53:00AM | MITCHELL     | BROWN                                | DOCUMENTED   | 04/04/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/26/18 12:30<br>PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 297,700 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#2986270   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream    | Discharge to |
|-------------------|-------------|------------------|--|---------------------|--------------|
| SMH Sewer Manhole | 51180       | 2011 TERRIL LN   |  | BROOKLAWN TRIBUTARY | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985115 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 12/05/2011 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/26/18 09:20 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 143,250 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#2986269   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|--------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 51594       | 1418 TREVILIAN WAY |  | SOUTH FORK BEARGRASS 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 | 2977381 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/12/2006 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 08:47 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 59,600 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977537  |
| Control Zone:        | BARRICADES AND CAUTION TAPE WERE PLACED AROUND IMPACTED AREA.   |
| Impact:              | MANHOLE DISCHARGING, DEBRIS FLOWING INTO THE CREEK.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                   |                      |           |
|---------------------------------|-------------|--------------------------------|-------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                         |              | OHIO RIVER                           |              |            | WEST                          |                                   |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated               | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
| : DISREVRAIN EVENT<br>DISCHARGE | 2985109     |                                | 9/24/2018<br>10:53:00AM | MITCHELL     | BROWN                                | DOCUMENTED   | 09/12/2006 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/26/18 04:20<br>PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 320,700 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#2986271   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 63779       | 4315 PRUITT CT   |  | SOUTH FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985105 |        | 09/24/2018 | BROWN        | MITCHELL    | ELIMINATED   | 12/21/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/26/18 12:00 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 128,800 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | CLEANING NOT REQUIRED.  |
| Control Zone:        | BARRICADES AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|---------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 65623       | 1804 ROUND RIDGE RD |  | MUDDY FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status                 | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|------------------------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977534 |        | 09/09/2018 | BROWN        | MITCHELL    | BEYOND APPROVED DESIGN STORM | 02/22/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 08:00 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 18,750 GAL   |
| Cause:               | HEAVY RAIN LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                              |
| Control Zone:        | NO CONTROL ZONE SET, PIPE DISCHARGES DIRECTLY TO STREAM.                       |
| Impact:              | MANHOLE DISCHARGING, NO SOLID OR DEBRIS OBSERVED.                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/10/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                    |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|------------------------------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |                                    |            | WEST                          |                                    |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status                       | Event Date | Problem                       | Result                             | Completed            | Condition |
| : DISREVRAIN EVENT<br>DISCHARGE | 2985152     |                                | 9/24/2018<br>1:54:00PM | MITCHELL     | BROWN                                | BEYOND<br>APPROVED<br>DESIGN STORM | 02/22/2018 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 09:20<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 163,300 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | NO CLEAN UP PERFORMED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.                      |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE. |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.      |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 72289       | 1700 SULGRAVE RD |  | MIDDLE FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977401 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 05/29/2012 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 09:54 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 112,500 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977573  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING LIGHT DEBRIS.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.          |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985134 |        | 9/24/2018<br>10:16:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 05/29/2012 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 06:10<br>AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 387,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986259  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|---------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 74520       | 974 BRECKENRIDGE LN |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977554 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/09/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 08:15 PM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 12,016 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2977600   |
| Control Zone:        | NO CONTROL ZONE WAS ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS. |
| Impact:              | MANHOLE DISCHARGING, DEBRIS FLOWING INTO THE CREEK.  |
| Repair:              | LOCATION INCLUDED IN IOAP.   |
| Public Notification: | PERMANENT OVERFLOW ADVISORY SIGNS ARE POSTED ALONG THE CREEK.  |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/10/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated              | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985157 |        | 9/24/2018<br>3:20:00PM | MITCHELL     | BROWN       | DOCUMENTED   | 09/09/2018 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 01:50<br>PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 207,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986261  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|---------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 84155       | 7913 SHELBYVILLE RD |  | MIDDLE FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977414 |        | 09/08/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/10/2011 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 11:50 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 117,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977578  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING HEAVY DEBRIS ON THE PAVEMENT AND IN TO THE CREEK.                   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.          |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985147 |        | 9/24/2018<br>11:30:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 03/10/2011 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 11:51<br>AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 432,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2989857   |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS, BARRICADES, AND CAUTION TAPE AROUND THE IMPACTED AREA.  |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 89790       | 24 SOUTHWIND RD  |  | MUDDY FORK BEARGRASS 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 | 2985161 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/26/18 08:30 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 126,000 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2986264  |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS AND BARRICADE PLACED AROUND THE IMPACTED AREA.                        |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, TO AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|-------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | 90700       | 8021 CHRISTIAN CT |  | MIDDLE FORK BEARGRASS CREEK | CATCH BASIN  |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977422 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 03/19/2008 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/09/18 11:22 AM | MAIN      |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 33,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.   |
| Clean Up:            | WO#2977579  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS AVOID CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description     | WO #    | Ref No | Initiated               | Initiated By | Assigned To | Disch Status | Event Date | Problem                       | Result                             | Completed            | Condition |
|---------------------------------|---------|--------|-------------------------|--------------|-------------|--------------|------------|-------------------------------|------------------------------------|----------------------|-----------|
| : DISREVRain EVENT<br>DISCHARGE | 2985143 |        | 9/24/2018<br>11:08:00AM | MITCHELL     | BROWN       | DOCUMENTED   | 03/19/2008 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE - WATERS | 09/26/18 12:01<br>PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 294,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2985867   |
| Control Zone:        | CONES, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |  |
|-----------------|--------|--|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|-------------------|-------------|------------------|--|----------------------------|--------------|
| SMH Sewer Manhole | 96019       | 4019 LELAND RD   |  | MUDDY FORK BEARGRASS CREEK | GROUND       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985163 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 08:23 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 120,000 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2986266   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.            |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address  | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-------------------|--|------------------|--------------|
| SMH Sewer Manhole | 96673       | 3920 DUTCHMANS LN |  | WEICHER CREEK    | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2985160 |        | 09/24/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 09/24/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 09/26/18 05:16 PM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 367,500 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#2986263   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.    |
| Impact:              | MANHOLE DISCHARGING.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP DISCHARGE SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/25/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/25/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|------------------|--|------------------|--------------|
| SMH Sewer Manhole | CSO197      | 1218 S 3RD ST    |  | OHIO RIVER       | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status              | Event Date | Problem                         | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|---------------------------|------------|---------------------------------|--------------------------------|-------------------|-----------|
| : DISDW: DRY WEATHER DISCHARGE | 2976461 |        | 09/05/2018 | BROWN        | MITCHELL    | REPAIRED - ISSUE RESOLVED | 09/19/2018 | OBSTRUCTION-N OT GREASE / ROOTS | UNAUTHORIZED DISCHAGE - WATERS | 09/05/18 10:00 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 450 GAL   |
| Cause:               | LINE OBSTRUCTED WITH DEBRIS & SEDIMENT.   |
| Clean Up:            | NOT REQUIRED, PIPE IS DISCHARGING TO CENTRAL RELIEF DRAIN.                                    |
| Control Zone:        | NO CONTROL ZONE SET UP. PIPE IS DISCHARGING TO CENTRAL RELIEF DRAIN.                          |
| Impact:              | SEWAGE DISCHARGING THROUGH OVERFLOW PIPE TO CRD.  |
| Repair:              | FLUSHED SEWER LINE TO REMOVE DEBRIS & SEDIMENT. WO#2976472                                    |
| Public Notification: | PUBLIC NOTIFICATION THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE OUTFALL POINT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/5/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Activity Code / Description  | WO #    | Ref No | Initiated           | Initiated By | Assigned To | Disch Status              | Event Date | Problem                         | Result                         | Completed         | Condition |
|------------------------------|---------|--------|---------------------|--------------|-------------|---------------------------|------------|---------------------------------|--------------------------------|-------------------|-----------|
| : DISDWDRY WEATHER DISCHARGE | 2983430 |        | 9/19/2018 7:00:00AM | MITCHELL     | BROWN       | REPAIRED - ISSUE RESOLVED | 09/19/2018 | OBSTRUCTION- NOT GREASE / ROOTS | UNAUTHORIZED DISCHAGE - WATERS | 09/19/18 08:50 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 330 GAL   |
| Cause:               | OBSTRUCTION.  |
| Clean Up:            | NOT REQUIRED, UNDER GROUND PIPE IS DISCHARGING TO CENTRAL RELIEF DRAIN (CRD).   |
| Control Zone:        | NO CONTROL ZONE SET UP - UNDERGROUND PIPE DISCHARGING TO CENTRAL RELIEF DRAIN.  |
| Impact:              | NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM. UNDERGROUND PIPE DISCHARGES DIRECTLY TO CRD. |
| Repair:              | WO#2983609  |
| Public Notification: | PUBLIC NOTIFICATION THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE OUTFALL POINT.                           |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/19/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type     | Facility ID | Facility Address    | If Pump Station, Name of Pump Station: | Receiving Stream            | Discharge to |
|-------------------|-------------|---------------------|--|-----------------------------|--------------|
| SMH Sewer Manhole | IS021A-SI   | 1201 OLD CANNONS LN |  | MIDDLE FORK BEARGRASS CREEK | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem                 | Result                         | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|--------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977488 |        | 09/09/2018 | BROWN        | MITCHELL    | DOCUMENTED   | 08/01/1969 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/10/18 11:00 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 35,208 GAL   |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | NO CLEANUP REQUIRED DISCHARGE, PIPE IS SUBMERGED.                              |
| Control Zone:        | NONE NEEDED MANHOLE DISCHARGES DIRECTLY INTO THE CREEK.                        |
| Impact:              | NONE OBSERVED REMOTE DISCHARGE ALARM.  |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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                        |                                   |                      |           |
|---------------------------------|-------------|--------------------------------|------------------------|--------------|--------------------------------------|--------------|------------|-------------------------------|-----------------------------------|----------------------|-----------|
| KY0022411 (Cont'd)              | MSD0278     | MORRIS FORMAN                  |                        |              | OHIO RIVER                           |              |            | WEST                          |                                   |                      |           |
| Activity Code / Description     | WO #        | Ref No                         | Initiated              | Initiated By | Assigned To                          | Disch Status | Event Date | Problem                       | Result                            | Completed            | Condition |
| : DISREVRAIN EVENT<br>DISCHARGE | 2984662     |                                | 9/23/2018<br>9:00:00AM | MITCHELL     | BROWN                                | DOCUMENTED   | 08/01/1969 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHAGE - WATERS | 09/27/18 11:15<br>AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 213,822,917 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | NO CLEANUP REQUIRED, MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.   |
| Control Zone:        | NONE NEEDED MANHOLE DISCHARGES DIRECTLY INTO THE CREEK.  |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/24/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/24/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type          | Facility ID | Facility Address   | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|--------------------|--|------------------|--------------|
| SSL Sewer Service Line | JT13501319  | 9818 BLUEGRASS PKY |  |                  | CATCH BASIN  |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status              | Event Date | Problem                         | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|---------------------------|------------|---------------------------------|---------------------------------|-------------------|-----------|
| : DISDW: DRY WEATHER DISCHARGE | 2976522 |        | 09/05/2018 | BIVIN        | BIVIN       | REPAIRED - ISSUE RESOLVED | 09/05/2018 | OBSTRUCTION-N OT GREASE / ROOTS | UNAUTHORIZED DISCHARGE - WATERS | 09/05/18 01:48 PM | MAIN      |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 25 GAL   |
| Cause:               | RAGS, WIPES, DIAPERS AND SOME ROOTS IN THE MAIN SEWER.       |
| Clean Up:            | NO SOLIDS TO CLEAN DISCHARGE WAS ONLY WATER.                 |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE. |
| Impact:              | OBSERVED MH#45516 WAS HOLDING SOME EVIDENCE OF A DISCHARGE.  |
| Repair:              | ROOT CUT MAIN SEWER WORK ORDER#2976512                       |
| Public Notification: | ON SITE.   |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/6/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|---|

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type          | Facility ID | Facility Address       | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|------------------------|-------------|------------------------|--|------------------|--------------|
| SLS Sewer Lift Station | MSD0123-PS  | 6600 SEMINARY WOODS PL | WEST GOOSE CREEK                       | GOOSE 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 | 2985591 |        | 09/25/2018 | GRAY JR      | RAYMER      | REPAIRED - ISSUE RESOLVED | 09/25/2018 | STRUCTURAL FAILURE | UNAUTHORIZED DISCHARGE - WATERS | 09/25/18 07:15 PM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 4,500 GAL   |
| Cause:               | STRUCTURAL FAILURE, FORCE MAIN BREAK.                                       |
| Clean Up:            | CLEANED AND SANITIZED THE IMPACTED AREA AREA DISINFECTED WITH LIME.         |
| Control Zone:        | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                            |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND WET WELL.       |
| Repair:              | HAULED SEWAGE UNTIL REPAIRS MADE.   |
| Public Notification: | ADVISED ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON. |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/26/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/26/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type          | Facility ID | Facility Address      | If Pump Station, Name of Pump Station: | Receiving Stream           | Discharge to |
|------------------------|-------------|-----------------------|--|----------------------------|--------------|
| SLS Sewer Lift Station | MSD0186-PS  | 2120 INDIAN HILLS TRL | MUDDY FORK                             | MUDDY FORK BEARGRASS 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 | 2977370 |        | 09/08/2018 | CATALANO JR  | WILHITE     | ELIMINATED   | 11/13/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHAGE - WATERS | 09/09/18 02:42 AM |           |

**Discharge Reporting:**

|                      |  |
|----------------------|--|
| Discharge Amount:    | 2,820 GAL  |
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | NONE POSSIBLE DUE TO MAGNITUDE OF STORM.                                     |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.  |
| Impact:              | NO IMPACT OBSERVED – MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE. |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | TEMPORARY SIGNS HAVE BEEN POSTED.  |

**Notifications:**

|                |        |   |
|----------------|--------|---|
| 9/9/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |



Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

| Facility Type           | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------------|-------------|------------------|--|------------------|--------------|
| STLS Storm Lift Station | MSD0302-FP  | 147 BUCHANAN ST  |  | OHIO RIVER       | STREAM       |

| Activity Code / Description    | WO #    | Ref No | Initiated  | Initiated By | Assigned To | Disch Status | Event Date | Problem         | Result                          | Completed         | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-----------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2977372 |        | 09/08/2018 | BRAZEL       | CARSONE     | DOCUMENTED   | 09/08/2018 | PUMPED OVERFLOW | UNAUTHORIZED DISCHARGE - WATERS | 09/16/18 09:26 AM |           |

**Discharge Reporting:**

|                      |   |
|----------------------|---|
| Discharge Amount:    | 434,055,235 GAL   |
| Cause:               | FLASH FLOODING FROM TROPICAL STORM OVERWHELMED CSO'S REQUIRING PUMPED OVERFLOW. |
| Clean Up:            | NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.        |
| Control Zone:        | NO CONTROL ZONE SET UP – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.       |
| Impact:              | NONE OBSERVED - OUTLETS SUBMERGED.  |
| Repair:              | NO CONTROL ZONE SET UP – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.       |
| Public Notification: | GIVEN BY VOLUNTARY EMAIL NOTIFICATION SYSTEM.                                   |

**Notifications:**

|                 |        |   |
|-----------------|--------|---|
| 9/10/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/10/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/9/18 1:00 am  | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 am  | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/10/18 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/9/18 1:00 pm  | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 9/9/18 1:00 pm  | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION   |
| 9/10/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |

Report Selections: Period: 09/01/2018 00:00 thru 09/30/2018 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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 |
|--------------------|-------------|--------------------------------|--------------------------------------|--------|
| KY0022411 (Cont'd) | MSD0278     | MORRIS FORMAN                  | OHIO RIVER                           | WEST   |

Total Facilities Printed: 50

Total Work Orders Printed: 79



MORRIS FORMAN WASTEWATER TREATMENT PLANT  
 Month of Sep-18

JEFFERSON COUNTY, KY

| Average Flow                 | Primary  | Secondary |           |           |
|------------------------------|----------|-----------|-----------|-----------|
|                              |          | Battery A | Battery B | Battery C |
| <b>SETTLING TANKS</b>        |          |           |           |           |
| Average Flow (MGD)           | 101.24   | 5.69      | 31.43     | 15.92     |
| Tanks in Service             | 4.00     | 5.9       | 7.0       | 4.0       |
| Surface Area (Ft.2)          | 77000.00 | 51035.00  | 60550.00  | 34600.00  |
| Volume (MG)                  | 8.33     | 5.23      | 6.20      | 3.54      |
| Weir Length (Ft.)            | 2860.00  | 2115.15   | 2509.50   | 1434.00   |
| Avg. Weir Overflow (GPD/Ft)  | 35399.42 | 2690.12   | 12524.41  | 11101.81  |
| Avg. Settling Rate (GPD/Ft2) | 1314.84  | 327.72    | 685.92    | 579.21    |
| Avg. Detention Time          | 1.98     | 22.05     | 4.74      | 5.34      |

| <b>AERATION TANKS</b>       | Battery A | Battery B | Battery C |
|-----------------------------|-----------|-----------|-----------|
| Volume (Gallons)            | 4200000   | 4200000   | 2100000   |
| Avg. Flow (MGD)             | 16.69     | 41.53     | 20.04     |
| Avg. Detention Time (Hours) | 17.72     | 3.21      | 3.17      |

| <b>CHLORINE CONTACT CHAMBERS</b> |         |
|----------------------------------|---------|
| Contact Chambers in Use          | 2.0     |
| Volume (Gallons)                 | 2340000 |
| Avg. Detention Time (Hours)      | 4.93    |

Remarks: BY-PASS REPORTS (See Attached)