

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

October 12th, 2021

Crystal Dennis 300 Sower Blvd., 3rd Floor Frankfort, Kentucky 40601

# RE: Floyds Fork WQTC, KPDES No: KY0102784 Discharge Monitoring Report for September 2021.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork WQTC, for the month of September 2021.

Attached is the 3<sup>rd</sup> quarter biomonitoring.

Also attached is the overflow report.

There were no exceedances or bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Joseph Shaun Smith Process Supervisor

JSS/ Floyds Fork 09/21.

Cc: V. Teague R. Shaw

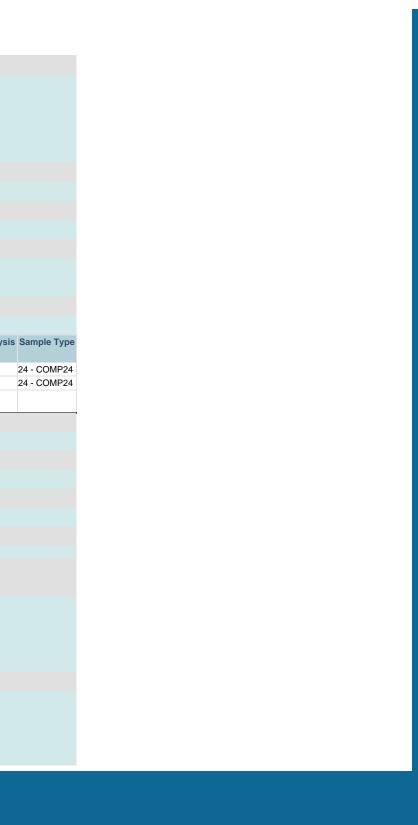
# DMR Copy of Record

| Permit  |                           |        |               |                       |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|---|---------------------------|--------|---------------|-----------------------|---|--------------|---------------------------|------------------------|-------------|----------------------|-----------|-------------------------|-------------|--|--------------------------|--------|---------------------------|-------------------------------------|
| Permit #: K                                   | 0102784                   |        |               | Permitt               | ee:   |              | Floyds Fork W             | QTC MSE                | )           |                      |           | Facility:               |             | FL   | OYDS FOR                 | K WQ   | TC MSD                    |                                     |
| Major: Ye                                     | s                         |        |               | Permitt               | Permittee Address: 700 W Liberty St<br>Louisville, KY 40203 |              |                           |                        |             |                      |           | Facility Location       |             | 1100 BLUE HERON RD<br>LOUISVILLE, KY 40245 |                          |        |                           |                                     |
| Permitted Feature: 00                         | 1<br>ternal Outfall       |        |               | Discha                | Discharge: 001-1<br>MUNICIPAL DISCHARGE                     |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
| Report Dates & Status                         |                           |        |               |                       |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
| Monitoring Period: Fr                         | om 09/01/21 to 09/30/21   |        |               | DMR D                 | ue Date:  |              | 10/28/21                  |                        |             |                      |           | Status:                 |             | Ne   | tDMR Valic               | lated  |                           |                                     |
| Considerations for Form Completion            |                           |        |               | •                     |   |              |                           |                        |             |                      | ·         |                         |             |  |                          |        |                           |                                     |
| Principal Executive Officer                   |                           |        |               |                       |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
| First Name: Ja                                | mes A                     |        |               | Title:                |   |              | Executive Dire            | ctor                   |             |                      |           | Telephone:              |             | 50   | 2-540-6000               |        |                           |                                     |
| Last Name: Pa                                 | rrott                     |        |               |                       |   |              |                           |                        |             |                      | I         |                         |             |  |                          |        |                           |                                     |
| No Data Indicator (NODI)                      |                           |        |               | 1                     |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
| Form NODI:                                    |                           |        |               |                       |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
| Parameter                                     | Monitoring Location       | Season | # Param. NODI |                       | Qu  | antity or Lo | ading                     |                        |             |                      |           | Quality or Concen       | tration     |  |                          | # of E | Ex. Frequency of Analysis | Sample Type                         |
| Code Name                                     |                           |        |               |                       | Qualifier 1 Value 1   | Qualifier 2  | Value 2                   | Units                  | Qualifier ' |                      | Qualifier | 2 Value 2               | Qualifier 3 | 3 Value 3                                  | Units                    |        |                           | 0.0.00                              |
| 20000 Orange discoluted (DO)                  | 4 Efficient Origin        | 0      |               | Sample<br>Permit Req. |   |              |                           |                        | = >=        | 10.0<br>7.0 INST MIN |           |                         |             |  | 19 - mg/L<br>19 - mg/L   | 0      |                           | GR - GRAB<br>GR - GRAB              |
| 00300 Oxygen, dissolved [DO]                  | 1 - Effluent Gross        | 0      |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  | - 5                      | 0      |                           |                                     |
|   |                           |        |               | Sample                |   |              |                           |                        | =           | 8.3                  |           |                         | =           | 8.5  | 12 - SU                  |        | 01/07 - Weekly            | GR - GRAB                           |
| 00400 <b>pH</b>                               | 1 - Effluent Gross        | 0      |               | Permit Req            |   |              |                           |                        | >=          | 6.0 MINIMUM          |           |                         | <=          | 9.0 MAXIMUM                                | 12 - SU                  | 0      | -                         | GR - GRAB                           |
|   |                           |        |               | Value NOD             |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|   |                           |        |               | Sample                |   |              | 177.0                     | 26 - Ib/d              |             |                      | =         |                         |             | 3.0  | 19 - mg/L                |        |                           | CP - COMPOS                         |
| 00530 Solids, total suspended                 | 1 - Effluent Gross        | 0      |               | Permit Req.           | <= 1626.0 MO AVG  | <=           | 2439.0 MX WK AV           | 26 - Ib/d              |             |                      | <=        | 30.0 MO AVG             | <=          | 45.0 MX WK AV                              | 19 - mg/L                | 0      | 01/07 - Weekly            | 24 - COMP24                         |
|   |                           |        |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|   |                           |        |               | Sample                |   |              |                           |                        |             |                      | =         |                         |             | 534.0                                      | 19 - mg/L                |        |                           | CP - COMPOS                         |
| 00530 Solids, total suspended                 | G - Raw Sewage Influent   | 0      |               | Permit Req.           |   |              |                           |                        |             |                      |           | Req Mon MO AVG          |             | Req Mon MX WK A                            | v 19 - mg/L              | 0      | 01/07 - Weekly            | 24 - COMP24                         |
|   |                           |        |               | Sample                |   |              |                           |                        |             |                      | =         | 10.0                    | =           | 15.0                                       | 19 - mg/L                |        | 01/07 - Weekly            | CP - COMPOS                         |
| 00600 Nitrogen, total [as N]                  | 1 - Effluent Gross        | 0      |               | Permit Req.           |   |              |                           |                        |             |                      |           | Req Mon MO AVG          |             | Req Mon MX WK A                            |                          | 0      |                           | 24 - COMP24                         |
|   | 1 - Enideni Gloss         | 0      |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  |                          | 0      |                           |                                     |
|   |                           |        |               | Sample                | = 7.5   | =            | 11.8                      | 26 - lb/d              |             |                      | =         | 0.2                     | =           | 0.2  | 19 - mg/L                |        | 01/07 - Weekly            | CP - COMPOS                         |
| 00610 Nitrogen, ammonia total [as N]          | 1 - Effluent Gross        | 1      |               | Permit Req.           | <= 54.2 MO AVG  | <=           | 81.3 MX WK AV             | 26 - Ib/d              |             |                      | <=        | 1.0 MO AVG              | <=          | 1.5 MX WK AV                               | 19 - mg/L                | 0      | 01/07 - Weekly            | 24 - COMP24                         |
|   |                           |        |               | Value NOD             |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|   |                           |        |               | Sample                | = 10.9  |              | 17.7                      | 26 - Ib/d              |             |                      | =         |                         |             | 0.3  | 19 - mg/L                | _      |                           | 24 - COMP24                         |
| 00665 Phosphorus, total [as P]                | 1 - Effluent Gross        | 0      |               | Permit Req.           |   | <=           | 40.7 MX WK AV             | 26 - Ib/d              |             |                      | <=        | 0.5 MO AVG              | <=          | 0.75 MX WK AV                              | 19 - mg/L                | 0      | 01/07 - Weekly            | 24 - COMP24                         |
|   |                           |        |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|   | 4 <b>F</b> #head Once     | 0      |               | Sample<br>Permit Req. | = 3.548<br>Req Mon MO AVG                                   |              | 4.278<br>Reg Mon MX WK A' | 03 - MGD<br>V 03 - MGD |             |                      |           |                         |             |  |                          | 0      |                           | CN - CONTIN<br>RE - Record (manual) |
| 50050 Flow, in conduit or thru treatment plan | t 1 - Effluent Gross      | 0      |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  |                          | 0      |                           |                                     |
|   |                           |        |               | Sample                |   | =            | 3.418                     | 03 - MGD               | )           |                      |           |                         |             |  |                          |        | 99/99 - Continuous        | CN - CONTIN                         |
| 50050 Flow, in conduit or thru treatment plan | t G - Raw Sewage Influent | 0      |               | Permit Req.           |   | 3            | Req Mon MX WK A           |                        |             |                      |           |                         |             |  |                          | 0      |                           | RE - Record (manual)                |
| ·····   |                           |        |               | Value NOD             |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|   |                           |        |               | Sample                |   |              |                           |                        |             |                      | =         |                         |             | 2.0  | 13 - #/100ml             |        | -                         | GR - GRAB                           |
| 51040 E. coli                                 | 1 - Effluent Gross        | 0      |               | Permit Req.           |   |              |                           |                        |             |                      | <=        | 130.0 30DA GEO          | <=          | 240.0 7 DA GEO                             | 13 - #/100ml             | 0      | 01/07 - Weekly            | GR - GRAB                           |
|   |                           |        |               | Value NOD             |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |
|   |                           |        |               | Sample                |   |              | 118.0                     | 26 - lb/d<br>26 - lb/d |             |                      | =         |                         |             | 3.0  | 19 - mg/L                | _      |                           | CP - COMPOS                         |
| 80082 BOD, carbonaceous [5 day, 20 C]         | 1 - Effluent Gross        | 0      |               | Permit Req.           |   | <=           | 488.0 MX WK AV            | ∠o - iD/d              |             |                      | <=        | 6.0 MO AVG              | <=          | 9.0 MX WK AV                               | 19 - mg/L                | 0      | 01/07 - Weekly            | 24 - COMP24                         |
|   |                           |        |               | Value NODI            |   |              |                           |                        |             |                      |           | 122.0                   |             | 165.0                                      | 10 mg/l                  |        | 01/07 Meakly              | CP - COMPOS                         |
| 80082 BOD, carbonaceous [5 day, 20 C]         | G - Raw Sewage Influent   | 0      |               | Sample<br>Permit Req. |   |              |                           |                        |             |                      | =         | 133.0<br>Req Mon MO AVG |             | 165.0<br>Req Mon MX WK A                   | 19 - mg/L<br>V 19 - mg/L | 0      |                           | 24 - COMPOS                         |
|   | G - Naw Sewage Iniident   | 0      |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  |                          | 0      |                           |                                     |
|   |                           |        |               | Sample                |   |              |                           |                        | =           | 98.0                 |           |                         |             |  | 23 - %                   |        | 01/30 - Monthly           | CA - CALCTD                         |
| 80091 BOD, carb-5 day, 20 deg C, percent rei  | noval K - Percent Removal | 0      |               | Permit Req            |   |              |                           |                        | >=          | 85.0 MO AV MN        | ١         |                         |             |  | 23 - %                   | 0      |                           | CA - CALCTD                         |
|   |                           |        |               | Value NODI            |   |              |                           |                        |             |                      |           |                         |             |  |                          |        |                           |                                     |

|           |   |                            |            | Sample                    |                         |                                     | =           | 99.0<br>85.0 MO AV MN                 |     | 23 - % |         | 30 - Monthly  | CA - CALCTD<br>CA - CALCTD |
|-----------|---|----------------------------|------------|---------------------------|-------------------------|-------------------------------------|-------------|---------------------------------------|-----|--------|---------|---------------|----------------------------|
| 81011     | Solids, suspended percent removal         | K - Percent Removal        | 0          | Permit Req.               |                         |                                     | >=          | 85.0 MO AV MIN                        |     | 23 - % | 0 01/   | /30 - Monthly | CA - CALCTD                |
|           |   |                            |            | Value NODI                |                         |                                     |             |                                       |     |        |         |               |                            |
| Submis    | sion Note                                 |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| If a para | meter row does not contain any values for | the Sample nor Effluent Tr | ading, the | n none of the following t | fields will be submitte | d for that row: Units, Number of Ex | cursions, F | equency of Analysis, and Sample Type. |     |        |         |               |                            |
| Edit Ch   | eck Errors                                |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| No error  | rs.                                       |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| Comme     | ents                                      |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
|           |   |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| Attachn   | nents                                     |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
|           |   |                            |            |                           | Name                    |                                     |             |                                       |     | Туре   |         | Siz           | e                          |
| FFCover   | letter092021.pdf                          |                            |            |                           |                         |                                     |             |                                       | pdf |        | 34872.0 | )             |                            |
| 09_Septe  | ember_Discharge_Report_All_Service_FIN.pd | f                          |            |                           |                         |                                     |             |                                       | pdf |        | 127921. | .0            |                            |
| FFMOR     | 092021.pdf                                |                            |            |                           |                         |                                     |             |                                       | pdf |        | 148525. | .0            |                            |
| Report    | Last Saved By                             |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| Floyds    | Fork WQTC MSD                             |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| User:     |   | staci.huber@               | louisville | nsd.org                   |                         |                                     |             |                                       |     |        |         |               |                            |
| Name:     |   | Staci Hube                 | er         |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| E-Mail:   |   | staci.huber@               | louisville | msd.org                   |                         |                                     |             |                                       |     |        |         |               |                            |
| Date/Tir  | ne:                                       | 2021-10-12                 | 14:17 (T   | ime Zone: -04:00)         |                         |                                     |             |                                       |     |        |         |               |                            |
| Report    | Last Signed By                            |                            |            |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| User:     |   | JOSEPH.SN                  | ITH@LO     | JISVILLEMSD.ORG           |                         |                                     |             |                                       |     |        |         |               |                            |
| Name:     |   | Joseph Sn                  | nith       |                           |                         |                                     |             |                                       |     |        |         |               |                            |
| E-Mail:   |   | joseph.smith               | @louisvill | emsd.org                  |                         |                                     |             |                                       |     |        |         |               |                            |
| Date/Tir  | ne:                                       | 2021-10-13                 | 09:50 (T   | ime Zone: -04:00)         |                         |                                     |             |                                       |     |        |         |               |                            |

# **DMR Copy of Record**

| Permit    |                             |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
|-----------|-----------------------------|-----------------|---------------------|-----------|--------------|-------------------------------------|-------------|----------|---------------|--|-------|-----------|-----------|-------------|--------------------|-----------|-------------------|-----|--|---------|--|----------|
| Permit    | #:                          | KY0102          | 784                 |           |              | Permittee:                          |             |          | Flo           | oyds Fo                                  | rk W0 | QTC MS    | SD        |             | Faci               | lity:     |                   |     | FLOYDS                                     | FOR     | K WQTC MSD                             |          |
| Major:    |                             | Yes             |                     |           |              |                                     |             |          |               | 700 W Liberty St<br>Louisville, KY 40203 |       |           |           | Faci        | Facility Location: |           |                   |     | 1100 BLUE HERON RD<br>LOUISVILLE, KY 40245 |         |  |          |
| Permitt   | ted Feature:                | 001<br>External | l Outfall           |           |              | Discharge:                          |             |          |               | <b>)1-2</b><br>DXICITY                   | ,     |           |           |             |                    |           |                   |     |  |         |  |          |
| Report    | t Dates & Status            |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Monito    | oring Period:               | From 07         | 7/01/21 to 09/30/21 |           |              | DMR Due D                           | ate:        |          | 10            | )/28/21                                  |       |           |           |             | Stat               | us:       |                   |     | NetDMR                                     | Valid   | ated                                   |          |
| Consid    | derations for Form Comp     | letion          |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| THREE     | 24-HOUR COMPOSITE           | SAMPLE          | S ONE EACH COL      | LECTED    | EVERY C      | THER DAY                            | FOR A P     | ERIOD    | OF 5 DA       | YS; IE -                                 | DAY   | ′S 1, 3 8 | 5         |             |                    |           |                   |     |  |         |  |          |
| Princip   | oal Executive Officer       |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| First Na  | ame:                        | James           |                     |           |              | Title:                              |             |          | Ex            | cecutive                                 | Dired | ctor      |           |             | Tele               | phone:    |                   |     | 502-540                                    | -6000   |  |          |
| Last Na   | ame:                        | Parrott         |                     |           |              |                                     |             |          |               |  |       |           |           |             | •                  |           |                   |     |  |         |  |          |
| No Dat    | ta Indicator (NODI)         |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Form N    | NODI:                       |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
|           | Parameter                   |                 | Monitoring Location | Season #  | # Param. NO  |                                     |             |          | ity or Loadii |  |       |           |           |             |                    | Concentra |                   |     |  | # of Ex | . Frequency of Ana                     | alysis S |
| Code      | Name                        |                 |                     |           |              |                                     | Qualifier 1 | Value 1  | 1 Qualifier 2 | Value 2                                  | Units | Qualifier | 1 Value 1 | Qualifier 2 | Value 2            |           |                   |     | Units                                      |         | 01/00 Overtarity                       | 24       |
| 61406     | Toxicity, final conc toxici | ty units        | 1 - Effluent Gross  | 0         |              | Sample<br>Permit Req.<br>Value NODI |             |          |               |  |       |           |           |             |                    | <<br><=   | 1.0<br>1.0 MAXIMI |     | 2G - tox chronic<br>2G - tox chronic       | 0       | 01/90 - Quarterly<br>01/90 - Quarterly | 24<br>24 |
| Submis    | ssion Note                  |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
|           | ameter row does not conta   | ain anv va      | lues for the Sample | e nor Fff | luent Tradi  | na, then non                        | e of the fo | ollowing | a fields wil  | ll be sub                                | mitte | d for the | at row: U | nits. Num   | ber of             | Excursio  | ns. Frequei       | ncv | of Analysis, a                             | and Sa  | mple Type.                             |          |
|           | heck Errors                 |                 |                     |           |              |                                     |             |          | <b>yy</b>     |  |       |           |           | ,           |                    |           | ,                 | ,   | ,,,,,,,                                    |         |  |          |
| No erro   |                             |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Comme     |                             |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
|           |                             |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Attach    | ments                       |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| No attach | nments.                     |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Report    | t Last Saved By             |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Floyds    | Fork WQTC MSD               |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| User:     |                             |                 | staci.hube          | r@louisv  | villemsd.org | 9                                   |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Name:     |                             |                 | Staci Hu            | ber       |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| E-Mail:   |                             |                 | staci.hube          | r@louisv  | villemsd.org | g                                   |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Date/Ti   | me:                         |                 | 2021-10-12          | 2 09:30   | (Time Zo     | ne: -04:00)                         |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Report    | t Last Signed By            |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| User:     |                             |                 | JOSEPH.S            | SMITH@    | LOUISVILI    | LEMSD.ORG                           | 3           |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Name:     |                             |                 | Joseph S            | Smith     |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| E-Mail:   |                             |                 | joseph.smi          | ith@loui  | svillemsd.o  | org                                 |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
| Date/Ti   | me:                         |                 | 2021-10-1           | 3 09:50   | (Time Zo     | ne: -04:00)                         |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  |          |
|           |                             |                 |                     |           |              |                                     |             |          |               |  |       |           |           |             |                    |           |                   |     |  |         |  | _        |





| KPDES #  | Facility<br>ID                       | Water Quality Trea   | tement Center        | Receiving Stream                         | m of Treatment Center | Region                                      |
|--|--------------------------------------|--|----------------------|--|-----------------------|---|
| KY0078956  | MSD0277                              | DEREK R. GUTHRIE   |                      | OF                                       | NA                    |   |
| Facility Type  | Facility ID                          | Facility Address   | If Pump Station, Nan | ne of Pump Station:                      | Receiving Stream      | Discharge to                                |
| SMHSewer Manhole   | 102339                               | 9114 CINDERELLA LN   |                      |  | FISHPOOL CREEK        | GROUND                                      |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3427980 | Initiated         Initiated By         Assigned Television           09/22/2021         CATALANO JR BOUTIN |                      | Event DateProblem07/14/2015LACK OFSYSTEM | UNAUTHORIZED          | Completed Condition<br>09/22/21 11:15<br>PM |

| Discharge Amount:    | 13,120 GAL   |
|----------------------|--|
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | MAGNITUDE OF STORM RESULTED IN NO DEBRIS REMAINING.                              |
| Control Zone:        | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                                 |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.             |
| Repair:              | SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR. |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                                 |

| 9/24/21 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |
|---|--|
|---|--|



| KPDES #  | Facility<br>ID                | Water Q                      | uality Treat                | ement Center   | ter Receiving Stream of Treatment Center |  |  |  | on          |
|--|-------------------------------|------------------------------|-----------------------------|--|--|--|--|--|-------------|
| KY0102784  | MSD0294                       | FLOYDS F                     | ORK                         |  |  | FLOYDS   | S FORK   | NA                                       |             |
| Facility Type  | Facility ID                   | Facility Addre               |                             | If Pump Station, N                                     | lame of Pump                             | Station: F                                       | Receiving Stream                               |  | arge to     |
| SMHSewer Manhole   | 112064                        | 1302 HELM I                  | PLACE LN                    |  |  |  | POPE LICK                                      | D  | ITCH        |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3424298 | <u>Initiated By</u><br>BIVIN | <u>Assigned To</u><br>BIVIN | <u>Disch Status</u><br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>09/13/2021          | Problem<br>OBSTRUCTION-<br>NOT GREASE /<br>ROOTS | Result<br>UNAUTHORIZED<br>DISCHARGE-<br>WATERS | <u>Completed</u><br>09/13/21 01:16<br>PM | S Condition |

| Discharge Amount:    | 7,800 GAL  |
|----------------------|--|
| Cause:               | GREASE WIPES, RAGS, AND BROKEN PIECES OF MANHOLE LID.                                      |
| Clean Up:            | MSD CREW WILL CLEAN AREA.  |
| Control Zone:        | ADVISED CUSTOMER TO AVOID SEWAGE CONTACT.  |
| Impact:              | OBSERVED MH# 112064 DISCHARGING 100 GPM.   |
| Repair:              | FLUSHED MAIN SEWERS AND MANHOLES SEVERAL TIMES. SIGNIFICANT GREASE BUILD-UP IN MH# 112065. |
| Public Notification: | ON SITE AND SIGNS.   |

| 9/13/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |   |
|-----------------|--------|--|---|
| 9/13/21 1:00 PM | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION  | Τ |



| KPDES #                           | Facility<br>ID       |            | Water Quality Trea       | tement Center       | Receiving S              | Stream of Treatment Cente         | r Region                     |
|-----------------------------------|----------------------|------------|--------------------------|---------------------|--------------------------|-----------------------------------|------------------------------|
| KY0022411                         | MSD0278              |            | MORRIS FORMAN            |                     |                          |                                   | NA                           |
| Facility Type<br>SMHSewer Manhole | Facility ID<br>28249 |            | Facility Address         | If Pump Station, Na | me of Pump Station:      | Receiving Stream<br>CHENOWETH RUN | Discharge to                 |
| Activity Code / Description       | WO # Ref No          | Initiated  | Initiated By Assigned To |                     | Event Date Proble        | em <u>Result</u>                  | Completed Condition          |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3427983              | 09/22/2021 | DAVIS BROWNMITCHELL      | DOCUMENTE<br>D      | 03/12/2006 LACK<br>SYSTI |                                   | 09/23/21 09:17<br>AM<br>MAIN |

| Discharge Amount:    | 4,705 GAL   |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | WO#3428143.   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notifications:  |        |  |   |
|-----------------|--------|--|---|
| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV | Γ |



| KPDES #  | Facility<br>ID                       |                                | Water Quality Treat                             | tement Center                  | Receiving Str                                      | eam of Treatment Center | Region   |
|--|--------------------------------------|--------------------------------|---|--------------------------------|--|-------------------------|--|
| KY0022411  | MSD0278                              |                                | MORRIS FORMAN                                   |                                |  |                         | NA   |
| Facility Type  | Facility ID                          |                                | Facility Address                                | If Pump Station, Na            | me of Pump Station:                                | Receiving Stream        | Discharge to                                     |
| SMHSewer Manhole   | 28250                                |                                | 3506 CHARLANE PKY                               |                                |  | CHENOWETH RUN           | DITCH  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3427984 | <u>Initiated</u><br>09/22/2021 | Initiated By Assigned To<br>DAVIS BROWNMITCHELL | Disch Status<br>DOCUMENTE<br>D | Event Date Problem<br>01/03/2005 LACK OF<br>SYSTEM | UNAUTHORIZED            | Completed Condition<br>09/23/21 09:17<br>AM MAIN |

| Discharge Amount:    | 946 GAL   |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | WO#3428133.   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notifications:  |        |  | LOUISVILLEMSD.ORG, |
|-----------------|--------|--|--------------------|
| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV | Γ                  |



| KPDES #  | Facility<br>ID         |                                | Water Quality Trea                              | tement Center                  | Receiving Strea                                      | am of Treatment Center            | Region   |
|--|------------------------|--------------------------------|---|--------------------------------|--|-----------------------------------|--|
| KY0022411  | MSD0278                |                                | MORRIS FORMAN                                   |                                |  |                                   | NA   |
| Facility Type<br>SMHSewer Manhole                                | Facility ID<br>28336   |                                | Facility Address<br>3620 CHARLANE PKY           | If Pump Station, Na            | me of Pump Station:                                  | Receiving Stream<br>CHENOWETH RUN | Discharge to<br>DITCH                            |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | WO # Ref No<br>3427985 | <u>Initiated</u><br>09/22/2021 | Initiated By Assigned To<br>DAVIS BROWNMITCHELL | Disch Status<br>DOCUMENTE<br>D | Event Date<br>08/30/2005Problem<br>LACK OF<br>SYSTEM | UNAUTHORIZED                      | Completed Condition<br>09/23/21 09:22<br>AM MAIN |

| Discharge Amount:    | 69,825 GAL  |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | WO#3428145.   |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notifications:  |        |  | _ |
|-----------------|--------|--|---|
| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |   |



| KY0022411MSD0278MORRIS FORMANNAFacility TypeFacility IDFacility AddressIf Pump Station, Name of Pump Station:Receiving StreamDischarge toSMHSewer Manhole283403620CHARLANE PKYCHENOWETH RUNGROUND   | KPDES #              | Facility<br>ID | Water Quality Treat | ement Center         | Receiving Stream   | n of Treatment Center | Region               |
|---|----------------------|----------------|---------------------|----------------------|--------------------|-----------------------|----------------------|
| SMHSewer Manhole       28340       3620       CHARLANE PKY       CHENOWETH RUN       GROUND         Activity Code / Description       WO #       Ref No       Initiated By       Assigned To       Disch Status       Event Date       Problem       Result       Completed       Conditional | KY0022411            |                | MORRIS FORMAN       |                      |                    |                       | NA                   |
| Activity Code / Description WO # Ref No Initiated Initiated By Assigned To Disch Status Event Date Problem Result Completed Condit  | Facility Type        | Facility ID    | Facility Address    | If Pump Station, Nam | e of Pump Station: | Receiving Stream      | Discharge to         |
|   | SMHSewer Manhole     | 28340          | 3620 CHARLANE PKY   |                      |                    | CHENOWETH RUN         | GROUND               |
| DISCHARGE D SYSTEM DISCHARGE- AM MAIN   | : DISREV: RAIN EVENT |                |                     |                      | 01/03/2005 LACK OF | UNAUTHORIZED          | 09/23/21 09:20<br>AM |

| Discharge Amount:    | 46,550 GAL   |
|----------------------|--|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO#3428141.  |
| 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 NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |
|-----------------|--------|---|--|
|-----------------|--------|---|--|



| KPDES #  | Facility<br>ID                |                                | Water Quality Treat                             | ement Center                   | Receiving St                            | ream of Treatment Cente | er Region                           |
|--|-------------------------------|--------------------------------|---|--------------------------------|---|-------------------------|-------------------------------------|
| KY0022411  | MSD0278                       |                                | MORRIS FORMAN                                   |                                |   |                         | NA                                  |
| Facility Type  | Facility ID                   |                                | Facility Address                                | If Pump Station, Na            | ame of Pump Station:                    | Receiving Stream        | Discharge to                        |
| SMHSewer Manhole   | 28413                         |                                | 3317 DELL RD                                    |                                |   | CHENOWETH RUN           | GROUND                              |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3427986 | <u>Initiated</u><br>09/22/2021 | Initiated By Assigned To<br>DAVIS BROWNMITCHELL | Disch Status<br>DOCUMENTE<br>D | Event DateProblem03/20/2002LACK CSYSTEI | F UNAUTHORIZED          | Completed 09/23/21 09:27<br>AM MAIN |

| Discharge Amount:    | 919 GAL  |
|----------------------|--|
| Cause:               | LACK OF SYSTEM CAPACITY.   |
| Clean Up:            | WO#3428134.  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                            |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.   |
| Repair:              | LOCATION INCLUDED IN IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH<br>DISCHARGED CONTENT. |

| Notifications:  |        |  |  |  |  |  |
|-----------------|--------|--|--|--|--|--|
| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |  |  |  |



| KPDES #  | Facility<br>ID                       |                                | Water Quality Treat                             | tement Center                  | Receiving Stre  | am of Treatment Center | r Region                                    |
|--|--------------------------------------|--------------------------------|---|--------------------------------|---|------------------------|---|
| KY0022411  | MSD0278                              |                                | MORRIS FORMAN                                   |                                |   |                        | NA  |
| Facility Type  | Facility ID                          |                                | Facility Address                                | If Pump Station, Na            | me of Pump Station:                                   | Receiving Stream       | Discharge to                                |
| SMHSewer Manhole   | 28414                                |                                | 3322 DELL RD                                    |                                |   | CHENOWETH RUN          | GROUND                                      |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3427987 | <u>Initiated</u><br>09/22/2021 | Initiated By Assigned To<br>DAVIS BROWNMITCHELL | Disch Status<br>DOCUMENTE<br>D | Event Date<br>01/03/2005 Problem<br>LACK OF<br>SYSTEM |                        | Completed Condition<br>09/23/21 09:27<br>AM |
|  |                                      |                                |   |                                |   |                        | MAIN  |

| Discharge Amount:    | 1,832 GAL   |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | WO #3428135.  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notifications:  | Notifications: |  |   |  |  |  |  |  |
|-----------------|----------------|--|---|--|--|--|--|--|
| 9/24/21 1:00 PM | DISNOT         | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV | Γ |  |  |  |  |  |



| KPDES #  | Facility<br>ID                |                                | Water Quality Treat                             | ement Center                   | Receiving Str                            | eam of Treatment Cente | r Region                                  |
|--|-------------------------------|--------------------------------|---|--------------------------------|--|------------------------|---|
| KY0022411  | MSD0278                       |                                | MORRIS FORMAN                                   |                                |  |                        | NA  |
| Facility Type  | Facility ID                   |                                | Facility Address                                | If Pump Station, Na            | me of Pump Station:                      | Receiving Stream       | Discharge to                              |
| SMHSewer Manhole   | 28415                         |                                | 3406 DELL RD                                    |                                |  | CHENOWETH RUN          | GROUND                                    |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3427988 | <u>Initiated</u><br>09/22/2021 | Initiated By Assigned To<br>DAVIS BROWNMITCHELL | Disch Status<br>DOCUMENTE<br>D | Event DateProblem12/19/2002LACK OISYSTEM | UNAUTHORIZED           | Completed<br>09/23/21 09:29<br>AM<br>MAIN |

| Discharge Amount:    | 1,820 GAL   |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | WO #3428136.  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notifications:  | Notifications: |  |  |  |  |  |  |  |
|-----------------|----------------|--|--|--|--|--|--|--|
| 9/24/21 1:00 PM | DISNOT         | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |  |  |  |  |  |



| KPDES #  | Facility<br>ID                |                                | Water Quality Trea                              | tement Center                  | Receiving Stre                           | am of Treatment Center | r Region                            |
|--|-------------------------------|--------------------------------|---|--------------------------------|--|------------------------|-------------------------------------|
| KY0022411  | MSD0278                       |                                | MORRIS FORMAN                                   |                                |  |                        | NA                                  |
| Facility Type  | Facility ID                   |                                | Facility Address                                | If Pump Station, Na            | me of Pump Station:                      | Receiving Stream       | Discharge to                        |
| SMHSewer Manhole   | 28451                         |                                | 3406 CHARLANE PKY                               |                                |  | CHENOWETH RUN          | GROUND                              |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3427498 | <u>Initiated</u><br>09/20/2021 | Initiated By Assigned To<br>DAVIS BROWNMITCHELL | Disch Status<br>DOCUMENTE<br>D | Event DateProblem10/28/2015LACK OFSYSTEM |                        | Completed 09/21/21 08:12<br>AM MAIN |

| Discharge Amount:    | 2,134 GAL  |
|----------------------|--|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | WO #3428132.   |
| 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 NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |
|-----------------|--------|--|--|
|-----------------|--------|--|--|



| KPDES #                                      | Facility<br>ID |            | Water Quality Trea                            | tement Center        | Receiving Stre               | am of Treatment Center | Region                                  |
|--|----------------|------------|---|----------------------|------------------------------|------------------------|---|
| KY0022411                                    | MSD0278        |            | MORRIS FORMAN                                 |                      |                              |                        | NA                                      |
| Facility Type                                | Facility ID    |            | Facility Address                              | If Pump Station, Nar | me of Pump Station:          | Receiving Stream       | Discharge to                            |
| SMHSewer Manhole Activity Code / Description | 28453          | Initiated  | 3402 CHARLANE PKY<br>Initiated By Assigned To | o Disch Status       | Event Date Problem           | CHENOWETH RUN          | DITCH <u>Completed</u> <u>Condition</u> |
| : DISREV: RAIN EVENT<br>DISCHARGE            | 3428150        | 09/20/2021 | DAVIS BRÓWNMITCHELL                           | DOCUMENTE<br>D       | 10/28/2015 LACK OF<br>SYSTEM | ••••••                 | 09/21/21 08:11<br>AM<br>MAIN            |

| Discharge Amount:    | 34,530 GAL  |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY, HEAVY RAIN.  |
| Clean Up:            | WO #3428130.  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                         |
| Impact:              | MANHOLE DISCHARGING.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notifications:  |        |  |  |  |  |  |
|-----------------|--------|--|--|--|--|--|
| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |  |  |  |



| KPDES #  | Facility<br>ID                | Water Quality Tr   | eatement Center      | Receiving Strea                          | Receiving Stream of Treatment Center |   |  |  |  |  |  |  |
|--|-------------------------------|--|----------------------|--|--------------------------------------|---|--|--|--|--|--|--|
| KY0022411  | MSD0278                       | MORRIS FORMAN  |                      |  |                                      | NA                                      |  |  |  |  |  |  |
| Facility Type  | Facility ID                   | Facility Address   | If Pump Station, Nar | ne of Pump Station:                      | Receiving Stream                     | Discharge to                            |  |  |  |  |  |  |
| SMHSewer Manhole   | 45796                         | 1011 ALTA CIR  |                      |  | MIDDLE FORK BEARGRASS                | DITCH                                   |  |  |  |  |  |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | WO # <u>Ref No</u><br>3427989 | Initiated Initiated By Assigned<br>09/22/2021 DAVIS BROWNMITCHEL |                      | Event DateProblem05/10/2014LACK OFSYSTEM |                                      | Main Main Main Main Main Main Main Main |  |  |  |  |  |  |

| Discharge Amount:    | 48,000 GAL  |
|----------------------|---|
| Cause:               | LACK OF SYSTEM CAPACITY.  |
| Clean Up:            | NO ACCESS, MANHOLE LOCATED IN THE CENTER OF THE CREEK.  |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.   |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE.  |
| Repair:              | LOCATION INCLUDED IN IOAP.  |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

| Notific             | cations:  |        |  |
|---------------------|-----------|--------|--|
| 9/24/2 <sup>-</sup> | 1 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES #  | Facility<br>ID                |                                | Water 0                    | Quality Treat              | tement Center                                   | Rece                            | iving Stream                              | ter Region                                       |   |
|--|-------------------------------|--------------------------------|----------------------------|----------------------------|---|---------------------------------|---|--|---|
| KY0022411  | MSD0278                       |                                | MORRIS                     | FORMAN                     |   |                                 |   |  | NA  |
| Facility Type<br>SMHSewer Manhole                                | Facility ID<br>CSO125         |                                | Facility Addr<br>376 CRESC | <b>ess</b><br>ENT SPRING D | If Pump Station, N                              | lame of Pump \$                 |   | Receiving Stream                                 | Discharge to<br>RASS STREAM                 |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3430480 | <u>Initiated</u><br>10/01/2021 | Initiated By<br>FRENCH     | Assigned To<br>FRENCH      | Disch Status<br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>10/16/2015 | Problem<br>UTILITY<br>DAMAGED MS<br>ASSET | Result<br>UNAUTHORIZED<br>D DISCHARGE-<br>WATERS | Completed Condition<br>10/01/21 03:25<br>PM |

| Discharge Amount:    | 325,000 GAL  |
|----------------------|--|
| Cause:               | DISCHARGED WATER INCLUDES RESIDUAL WASTE STREAM FROM MUNICIPAL DRINKING WATER TREATMENT. |
| Clean Up:            | MSD CREWS WILL CLEAN AND SANITIZE IMPACTED AREAS.  |
| Control Zone:        | MSD CREWS WILL CLEAN AND SANITIZE THE IMPACTED AREA.                                     |
| Impact:              | MOSTLY CLEAR WATER DISCHARGING FROM CSO OUTFALL TO CREEK.                                |
| Repair:              | LWC WORKING TO REPAIR LINE.  |
| Public Notification: | MSD WEBSITE UPDATED TO NOTIFY THE PUBLIC OF A DRY WEATHER OVERFLOW.                      |

| Notifications:  |        |  |  |
|-----------------|--------|--|--|
| 10/2/21 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |  |



| KPDES #  | Facility<br>ID                | Water Quality Tr   | reatement Center    | Receiving Strea                                      | am of Treatment Center | Region  |
|--|-------------------------------|--|---------------------|--|------------------------|---|
| KY0022411  | MSD0278                       | MORRIS FORMAN  |                     |  |                        | NA  |
| Facility Type  | Facility ID                   | Facility Address   | If Pump Station, Na | me of Pump Station:                                  | Receiving Stream       | Discharge to  |
| SMHSewer Manhole   | IS021A-SI                     | 1201 OLD CANNONS L   | N                   |  | MIDDLE FORK BEARGRASS  | S STREAM  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3427477 | Initiated Initiated By Assigned<br>09/20/2021 DAVIS BROWNMITCHEL |                     | Event Date<br>08/01/1969Problem<br>LACK OF<br>SYSTEM |                        | ompleted <u>Condition</u><br>9/23/21 02:15<br>M<br>MAIN |

| Discharge Amount:    | 1,200,000 GAL  |
|----------------------|--|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.  |
| Clean Up:            | NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.                             |
| Control Zone:        | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.   |
| Impact:              | NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVER FLOW SIGNS POSTED ALONG THE CREEK, TO AVOID DISCHARGED CONTENT. |

| Notifications:  |        |   |
|-----------------|--------|---|
| 9/24/21 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |

#### **Total Facilities Printed: 14**

Total Work Orders Printed: 14

|      | of tre/<br>S permi              |                              | BER                        | π   | FLOYE<br>KY010 | 2784 |                     | -                |              |                |              | COUN<br>T CAPA | ACITY               | JEFFE     |           | MGD                 |                |                   |               | MONTH (           |                            |                       | ember               |         | )21<br>DS FOR      | к              |            |               |            |                |                              |                             |              |       |                   |                                       |
|------|---------------------------------|------------------------------|----------------------------|-----|----------------|------|---------------------|------------------|--------------|----------------|--------------|----------------|---------------------|-----------|-----------|---------------------|----------------|-------------------|---------------|-------------------|----------------------------|-----------------------|---------------------|---------|--------------------|----------------|------------|---------------|------------|----------------|------------------------------|-----------------------------|--------------|-------|-------------------|---------------------------------------|
|      | (St                             |                              | AW<br>AGE                  | р   | н              |      | LIDS (n             |                  |              | GEN (          |              |                | ISPEND<br>LIDS (m   |           | 5 DAY     | CBOD                | (mg/L          |                   | VATED         | SLUDGE            |                            | -                     | ATION               |         |                    |                | SL         | UDGE          | HANDL      | .ING           |                              |                             | FINAL        |       |                   |                                       |
|      | SALLON                          | ET)                          | GS<br>ET)                  |     |                |      |                     | LUENT            | BOVE         | LUENT          | ELOW         |                |                     | EFFLUENT  |           |                     | LUENT          | RET               | TURN          | WASTE             | D<br>D<br>D                | Î                     | (mg/L)              |         | DGE<br>UME         |                | RAW        |               |            | HAULE          | D                            | RUS,<br>g/L)                | ۲)           |       |                   | 1                                     |
| DATE | TOTAL FLOW<br>(MILLION GALLONS) | GRIT REMOVED<br>(CUBIC FEET) | SCREENINGS<br>(CUBIC FEET) | RAW | FINAL          | RAW  | PRIMARY<br>EFFLUENT | FINAL EFFLUENT   | STREAM ABOVE | FINAL EFFLUENT | STREAM BELOW | RAW            | PRIMARY<br>EFFLUENT | FINAL EFF | RAW       | PRIMARY<br>EFFLUENT | FINAL EFFLUENT | GAL/DAY<br>X 1000 | MLSS<br>×1000 | GAL/DAY<br>X 1000 | DISSOLVED<br>OXYGEN (mg/L) | MLSS (mg/L)<br>x 1000 | MLVSS (mg<br>X 1000 | 30 MIN. | 60 MIN.            | ALLONS<br>1000 | DRY SOLIDS | VOLATILE      | DRY SOLIDS |                | WITHDRAWN<br>BALLONS<br>1000 | PHOSPHORUS,<br>TOTAL (mg/L) | NH3-N (mg/L) | ECOLI | Total<br>Nitrogen | TOTAL<br>FLOW<br>(MILLION<br>GALLONS) |
| 1    | 4.541                           |                              |                            | _   |                | -    | +                   | +                |              |                |              | 268            |                     | 3         | 124       |                     |                | 3 4               | 6370          |                   | 6.1                        | 2830                  | -                   |         |                    | X              | E          | <u>_8- 90</u> |            | 1 2 10         | > 0 X                        | 0.30                        |              |       | 7.38              |                                       |
| 2    | 3.618                           |                              |                            | 7.6 | 8.5            |      |                     |                  |              | 9.9            |              |                |                     |           |           |                     |                | 3                 | 5040          | 60000             | 6.1                        | 3030                  | 2410                | 310     |                    |                |            |               |            |                |                              |                             |              | 1     |                   | 2.7382207                             |
| 3    | 3.268                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 | 6210          | 70000             | 4.0                        | 3100                  | 2420                | 330     |                    |                |            |               |            | 1              |                              |                             |              |       |                   | 2.3558984                             |
| 4    | 2.768                           |                              |                            | 1 I |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 |               | 70000             | 3.2                        |                       |                     | 330     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.2537665                             |
| 5    | 4.605                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 |               | 75000             | 4.8                        |                       |                     | 340     |                    |                |            |               |            |                |                              |                             |              |       |                   | 4.2577515                             |
| 6    | 3.967                           |                              |                            |     | <u></u> 2      |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 4                 |               | 70000             | 5.5                        |                       |                     | 350     |                    |                | _          |               |            |                |                              |                             |              |       |                   | 3.3938529                             |
| 7    | 3.253                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 4                 | 4860          | 60000             | 4.7                        | 3120                  | 2490                | 340     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.6543987                             |
| 8    | 3.647                           |                              |                            |     |                |      |                     |                  |              |                |              | 404            |                     | 3         | 150       |                     | 3              | 3 3               | 4660          | 75000             | 5.6                        | 3000                  | 2380                | 380     |                    |                |            |               |            |                |                              |                             | 0.20         |       | 9.78              | 2.594738                              |
| 9    | 3.055                           |                              |                            | 7.7 | 8.3            |      |                     |                  |              | 9.9            |              |                |                     |           |           |                     |                | 2                 | 6500          | 75000             | 3.9                        | 2900                  | 2380                | 360     |                    |                |            |               |            |                |                              | 0.30                        |              | 1     |                   | 2.3730788                             |
| 10   | 2.797                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 | 5570          | 75000             | 2.8                        | 2660                  | 2100                | 370     |                    | 1              |            |               |            |                |                              |                             |              |       |                   | 2.22595                               |
| 11   | 2.759                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 |               | 65000             | 3.2                        |                       |                     | 380     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.2222118                             |
| 12   | 2.843                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 |               | 65000             | 2.8                        |                       |                     | 380     |                    |                |            |               |            | ()             |                              |                             |              |       |                   | 2.3043954                             |
| 13   | 2.792                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 | 5560          | 70000             | 2.3                        | 3020                  | 2370                | 400     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.2513525                             |
| 14   | 2.749                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 | 6130          | 70000             | 2.4                        | 3070                  | 2440                | 400     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.2232261                             |
| 15   | 2.786                           |                              |                            |     |                |      |                     |                  |              |                |              | 534            |                     | 3         | 165       |                     | 2              | 2 2               | 6120          | 85000             | 3.2                        | 3050                  | 2470                | 370     |                    |                |            |               |            |                |                              | 0.30                        | 0.20         |       | 14.7              | 2.1940539                             |
| 16   | 2.759                           |                              |                            | 7.8 | 8.3            |      |                     |                  |              | 9.6            |              |                |                     |           |           |                     |                | 2                 | 5390          | 60000             | 3.7                        | 3170                  | 2450                | 380     |                    |                | _          |               |            |                |                              |                             |              | 1     |                   | 2.1860292                             |
| 17   | 2.627                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 | 5870          | 60000             | 3.8                        | 2900                  | 2300                | 370     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.1303322                             |
| 18   | 2.711                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 |               | 60000             | 3.9                        |                       |                     | 370     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.1944807                             |
| 19   | 2.901                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 |               | 60000             | 3.5                        |                       |                     | 350     |                    |                |            |               |            |                |                              |                             |              | _     |                   | 2.3038943                             |
| 20   | 5.499                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 3                 | 7900          | 65000             | 2.5                        | 3200                  | 2430                | 340     |                    |                |            |               |            |                |                              |                             |              |       |                   | 5.3852787                             |
| 21   | 4.774                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 5                 | 6070          | 65000             | 4.8                        | 3450                  | 2760                | 390     |                    |                |            |               |            |                |                              |                             |              |       |                   | 3.8572471                             |
| 22   | 7.066                           |                              |                            |     |                |      |                     |                  |              |                |              | 194            |                     | 3         | 94        |                     | 2              | 2 5               | 6780          | 65000             | 4.7                        | 3490                  | 2810                | 390     |                    |                |            |               |            |                |                              | 0.30                        | 0.20         |       | 6.59              | 5.7608514                             |
| 23   | 5.714                           |                              |                            | 7.7 | 8.4            |      |                     |                  | _            | 9.8            |              |                |                     |           |           |                     |                | 5                 | 6720          | 65000             | 5.3                        | 3210                  | 2570                | 390     |                    |                |            |               |            |                |                              |                             |              | 2     |                   | 4.5164633                             |
| 24   | 3.929                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 3                 | 6650          | 65000             | 4.2                        | 3050                  | 2360                | 420     | -                  |                |            |               |            |                |                              |                             |              |       |                   | 3.1805072                             |
| 25   | 3.393                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 3                 |               | 60000             | 4.5                        |                       |                     | 350     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.8402448                             |
| 26   | 2.971                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 4                 |               | 60000             | 4.3                        |                       |                     | 350     |                    |                |            |               |            |                |                              |                             |              |       | _                 | 2.5119698                             |
| 27   | 3.920                           |                              |                            |     |                |      |                     |                  | -            | -              |              |                |                     |           |           |                     |                | 2                 | 4730          | 70000             | 3.1                        |                       | 2620                |         |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.7211664                             |
| 28   | 2.953                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     | -         | _         |                     |                | 2                 | 6500          | 70000             | 2.5                        | -                     | 2540                | -       |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.392077                              |
| 29   | 2.813                           |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           |                     |                | 2                 | 6390          | 80000             | 4.3                        |                       | +                   |         |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.3423462                             |
| 30   | 2.964                           | -                            |                            |     |                |      | -                   | -                |              | -              |              |                |                     |           |           |                     |                | 2                 | 6150          | 80000             |                            | 3030                  | 2460                | 380     |                    |                |            |               |            |                |                              |                             |              |       |                   | 2.2839613                             |
| 31   |                                 |                              |                            |     |                |      |                     | <u> </u>         |              | -              |              |                |                     |           | _         |                     |                | <u> </u>          |               | L                 |                            |                       |                     |         |                    |                |            |               |            |                |                              |                             |              |       |                   |                                       |
| Tot. | 106.44                          |                              |                            |     |                |      | -                   |                  |              |                |              |                |                     |           | -         |                     |                | 80.4              |               |                   |                            |                       | -                   |         |                    |                |            |               |            |                |                              |                             |              |       | _                 | 86.42                                 |
| Avg. | 3.548                           |                              |                            | 7.7 | 8.4            |      |                     |                  |              | 9.8            |              | 350            |                     | 3         | 133       |                     |                | 2.68              | 6008          | 67666.7           | 3.99                       | 3097                  | 2461                | 364     |                    |                |            |               |            |                |                              | 0.30                        | 0.20         | 1     | 9.61              | 2.881                                 |
|      |                                 |                              |                            |     |                |      |                     |                  |              |                |              |                |                     |           |           | WAST                |                |                   | N EQU         | IVALENT           | 40                         |                       |                     | 6.0-0   |                    |                |            |               |            | 004            |                              |                             |              |       |                   |                                       |
|      |                                 |                              |                            |     |                |      |                     | MERCIA<br>STRIAL |              |                |              |                |                     | 33        | 791<br>DW | -                   |                | 3194<br>30D       | -             | 493<br>TS         |                            |                       |                     | _       | el Stpeh<br>PERATO |                | _          | 6 8           |            | 9616<br>ERT. N |                              | -                           |              |       |                   |                                       |
|      |                                 |                              |                            |     |                |      | 14003               |                  |              |                | 0            | •              |                     | FL        | ~**       |                     |                | -00               |               | 13                | -                          |                       |                     | 0       | LIV(()             |                | 0.00-000   |               | U          | wexts P        |                              |                             |              |       |                   |                                       |

| TOTAL NUMBER OF SEWER | CONNECTIO | NS  |   |   |   | 0                  |
|-----------------------|-----------|-----|---|---|---|--------------------|
| SEWER CONNECTIONS     | 0         | _ × | 4 | - | 0 | SEWERED POPULATION |

502-540-6000

PLANT TELEPHONE