

Appendix A-1 Discharge Work Orders – Dry Weather CSOs



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| KPDES #                                                          | Facility ID Water Qua                |                                | Quality Treaten          | nent Center                 | Receiv                                                            | ving Stream of T                | tream of Treatment Center                     |                                                       | Region                                   |                  |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|--------------------------|-----------------------------|-------------------------------------------------------------------|---------------------------------|-----------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278 MORRIS F                     |                                | MORRIS FORMAN OHIO RIVER |                             | VER                                                               | R                               |                                               | WEST                                                  |                                          |                  |
| Facility Type                                                    | Facility ID                          |                                | Facility Addre           | ss                          | If Pump Station, Nam                                              | e of Pump Station               | n: F                                          | Receiving Stream                                      | Discha                                   | rge to           |
| SMH Sewer Manhole                                                | CSO132                               |                                | 1919 BROWN               | ISBORO RD                   |                                                                   |                                 | BEAR                                          | GRASS CREEK                                           | ST                                       | REAM             |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3058872 | <u>Initiated</u><br>02/27/2019 | Initiated By<br>DODDS    | <u>Assigned To</u><br>DODDS | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/27/2019 | <u>Problem</u><br>PUMPED DUE TO<br>COE MANUAL | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/01/19 05:30<br>PM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 13,680,000 GAL                                                                                                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Cause:               | BEARGRASS FPS PLACED IN FLOOD PUMPING MODE PER USACOE PROTOCOL DURING ELEVATED RIVER LEVELS. FLOOD GATE<br>IS CLOSED. |
| Clean Up:            | NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.                                              |
| Control Zone:        | NO CONTROL ZONE SET UP – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.                                             |
| Impact:              | NONE OBSERVED - OUTLETS SUBMERGED.                                                                                    |
| Repair:              | IN COMPLIANCE WITH USACOE FLOOD PUMPING PROTOCOLS.                                                                    |
| Public Notification: | GIVEN BY VOLUNTARY EMAIL NOTIFICATION SYSTEM.                                                                         |

#### Notifications:

| 2/28/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/28/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |

#### **Total Facilities Printed: 1**

Total Work Orders Printed:



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Appendix A-2 Discharge Work Orders – Bypass



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No Bypasses Were Reported during This Reporting Period



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Project WIN Quarterly Report #54 January 1, 2019 – March 31, 2019

# Appendix A-3 Discharge Work Orders – Unauthorized Discharges



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| KPDES #                                                          | Facility ID Water Quality Treateme |                                | ent Center Receiving Stream of Treatment Center |                                |                                                     |                                 | Region                                   |                                                       |                                   |                          |  |
|------------------------------------------------------------------|------------------------------------|--------------------------------|-------------------------------------------------|--------------------------------|-----------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|-----------------------------------|--------------------------|--|
| KY0022411                                                        | MSD0278                            |                                | MORRIS FO                                       | MORRIS FORMAN                  |                                                     | OHIO R                          | OHIO RIVER                               |                                                       |                                   | WEST                     |  |
| Facility Type                                                    | Facility ID                        |                                | Facility Address                                |                                | If Pump Station, Nam                                | e of Pump Statio                | n:                                       | Receiving Stream                                      | Discha                            | rge to                   |  |
| SMH Sewer Manhole                                                | 02099                              |                                | 9011 OLD WHIP                                   | PS MILL RD                     |                                                     |                                 |                                          | MIDDLE FORK BEARGRASS C                               | REEK GF                           | ROUND                    |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053709      | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN              | <u>Assigned To</u><br>MITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>02/13/19 06:02<br>AM | <u>Condition</u><br>MAIN |  |
|                                                                  |                                    |                                |                                                 |                                | OPERATIONS                                          |                                 | GAFACITT                                 | 0                                                     |                                   |                          |  |

#### Discharge Reporting:

| Discharge Amount:    | 48,000 GAL                                                                        |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054408                                                                        |
| Control Zone:        | BARRICADES CAUTION TAPE & TEMP SIGNS PLACED AROUND DISCHARGE SITE.                |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID | Facility ID Water Quality Treat |                  | ality Treatem | nent Center Receiving Stream of Treatment Center |                   |          |                         | Region         |           |
|-----------------------------|-------------|---------------------------------|------------------|---------------|--------------------------------------------------|-------------------|----------|-------------------------|----------------|-----------|
| KY0022411                   | MSD0278     | MSD0278                         |                  | MORRIS FORMAN |                                                  | OHIO RIVER        |          |                         | WEST           |           |
| Facility Type               | Facility ID |                                 | Facility Address |               | If Pump Station, Nam                             | ne of Pump Statio | n:       | Receiving Stream        | Disch          | arge to   |
| SMH Sewer Manhole           | 02933       |                                 | 7900 SHELBYV     | ILLE RD       |                                                  |                   |          | MIDDLE FORK BEARGRASS C | REEK S         | TREAM     |
| Activity Code / Description | WO # Ref No | Initiated                       | Initiated By     | Assigned To   | Disch Status                                     | Event Date        | Problem  | Result                  | Completed      | Condition |
| : DISREV: RAIN EVENT        | 3052125     | 02/07/2019                      | DAVIS BROWN      | MITCHELL      | DOCUMENTED                                       | 03/04/2008        | LACK OF  | UNAUTHORIZED            | 02/08/19 05:52 |           |
| DISCHARGE                   |             |                                 |                  |               |                                                  |                   | SYSTEM   | DISCHARGE-WATER         | AM             |           |
|                             |             |                                 |                  |               |                                                  |                   | CAPACITY | S                       |                |           |

### Discharge Reporting:

| Discharge Amount:    | 82,650 GAL                                                                                                                                |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                                                  |
| Clean Up:            | WO#3052380                                                                                                                                |
| Control Zone:        | IMPACTED AREA SECURED WITH TEMP SIGNS &U CAUTION TAPE.                                                                                    |
| Impact:              | MANHOLE DISCHARGING.                                                                                                                      |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                                                |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP & PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                           | Quality Treatement Center                         | er Receiving Stream of Treatment Center                          |                                                       |                                          | ı                        |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRI                                           | S FORMAN                                          | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053683 | InitiatedInitiated By2/12/2019MITCHELL5:46:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 03/04/2008 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 05:41<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 216,000 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3054409                                                                                                      |
| Control Zone:        | CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                                       |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                  |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                        | enter Receiving Stream of Treatment Center |                                                       |                                          | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|--------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                         | OHIO RIVER                                 |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056295 | InitiatedInitiated By2/20/2019MITCHELL9:12:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                                            | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:12<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 45,000 GAL                                                                                                      |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3056776                                                                                                      |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                                      |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SIT3 AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID |            |                                                    | Water Quality Treatement Center |              |                                    | ving Strea | Regio                   | Region         |              |  |
|-----------------------------|-------------|------------|----------------------------------------------------|---------------------------------|--------------|------------------------------------|------------|-------------------------|----------------|--------------|--|
| KY0022411                   |             |            | MORRIS FORMAN Facility Address If Pump Station, Na |                                 |              | OHIO RIVER                         |            |                         | WEST           |              |  |
| Facility Type               |             |            |                                                    |                                 |              | ump Station, Name of Pump Station: |            | Receiving Stream        | Discha         | Discharge to |  |
| SMH Sewer Manhole           | 02935       |            | 7900 SHELBYVILLE RD                                |                                 |              |                                    |            | MIDDLE FORK BEARGRASS C | REEK ST        | REAM         |  |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By                                       | Assigned To                     | Disch Status | Event Date                         | Problem    | Result                  | Completed      | Condition    |  |
| : DISREV: RAIN EVENT        | 3053672     | 02/12/2019 | DAVIS BROWN                                        | MITCHELL                        | DOCUMENTED   | 03/19/2008                         | LACK OF    | UNAUTHORIZED            | 02/13/19 05:43 | MAIN         |  |
| DISCHARGE                   |             |            |                                                    |                                 |              |                                    | SYSTEM     | DISCHARGE-WATER         | AM             |              |  |
|                             |             |            |                                                    |                                 |              |                                    | CAPACITY   | S                       |                |              |  |

### Discharge Reporting:

| Discharge Amount:    | 72,000 GAL                                                                                                                      |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                             |
| Clean Up:            | PENDING                                                                                                                         |
| Control Zone:        | TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                                                                        |
| Impact:              | MANHOLE DISCHARGING.                                                                                                            |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                                  |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                      | enter Receiving Stream of Treatment Center |                                                       |                                          | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|------------------------------------------------|--------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                       | OHIO RIVER                                 |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056293 | InitiatedInitiated By2/20/2019MITCHELL9:06:00AM | Assigned To Disch Statu<br>DAVIS BROWN DOCUMEN |                                            | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:15<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 9,000 GAL                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                                                               |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS, PLACED AROUND THE IMPACTED AREA.                                                     |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SIT3 AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID Water Quality Treater |  |                                    | uality Treatem                   | nent Center Receiving Stream of Treatment Center |            |                         | of Treatment Center                               | Region                            |                          |  |
|------------------------------------------------------------------|-----------------------------------|--|------------------------------------|----------------------------------|--------------------------------------------------|------------|-------------------------|---------------------------------------------------|-----------------------------------|--------------------------|--|
| KY0022411                                                        | MSD0278                           |  | MORRIS FORMAN                      |                                  | OHIO RIVER                                       |            |                         | WEST                                              |                                   |                          |  |
| Facility Type<br>SMN Sewer Main                                  | Facility ID<br>06395              |  | Facility Address<br>2323 RALPH AVE |                                  | If Pump Station, Name of Pump Station:           |            | Receiving Stream        |                                                   | rge to                            |                          |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3057907     |  | <u>nitiated By</u><br>JOHNSON      | <u>Assigned To</u><br>JOHNSON, R | <u>Disch Status</u>                              | Event Date | <u>Problem</u><br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | Completed<br>02/25/19 08:37<br>PM | <u>Condition</u><br>MAIN |  |

| Discharge Amount:    | 1 GAL                                                                       |
|----------------------|-----------------------------------------------------------------------------|
| Cause:               | ROOTS IN THE MAIN                                                           |
| Clean Up:            | UNKNOWN AT THIS TIME                                                        |
| Control Zone:        | ADVISED CUSTOEMR TO AVOID CONTCAT WITH SEWAGE                               |
| Impact:              | NONE OBSERVED BY MSD PEROSNNEL, CUSTOMER RPEORTED BACK UP FROM FLOORD DRAIN |
| Repair:              | CREW REMOVED ROOTS                                                          |
| Public Notification: | BY PHONE                                                                    |



| KPDES #                                                          | Facility ID Water Qua         |                                |                                  | uality Treaten                | reatement Center Receiving                             |                                 |                                         | ceiving Stream of Treatment Center               |                                     |                  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|----------------------------------|-------------------------------|--------------------------------------------------------|---------------------------------|-----------------------------------------|--------------------------------------------------|-------------------------------------|------------------|
| KY0078956                                                        | MSD0277                       |                                | DEREK R                          | . GUTHRIE                     |                                                        | OHIO RIVER                      |                                         |                                                  | WEST                                |                  |
| Facility Type                                                    | Facility ID                   |                                | Facility Address                 |                               | If Pump Station, Name of Pump Station:                 |                                 | n: Receiving Stream                     |                                                  | Discharge to                        |                  |
| SMN Sewer Main                                                   | 06940D-AG                     |                                | 3706 NOBEL CT                    |                               |                                                        |                                 | MILL                                    | CREEK                                            | GF                                  | ROUND            |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3033470 | <u>Initiated</u><br>01/03/2019 | <u>Initiated By</u><br>ROTTET JR | <u>Assigned To</u><br>MULLINS | <u>Disch Status</u><br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>12/13/2016 | <u>Problem</u><br>STRUCTURAL<br>FAILURE | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND | Completed<br>01/03/19 09:35<br>) AM | <u>Condition</u> |

| Discharge Amount:    | 1,000 GAL                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Cause:               | STRUCTURAL FAILURE (FORCEMAIN BREAK)                                                                    |
| Clean Up:            | AREA DISINFECTED WITH LIME                                                                              |
| Control Zone:        | TEMPORARY SIGNS PLACED AROUND IMPACTED AREA                                                             |
| Impact:              | SEWAGE FOUND IN THE DITCH                                                                               |
| Repair:              | SHUT OFF PUMP STATION TO STOP DISCHARGE. DERBY CITY HAULED STATION WHILE CHEROKEE CONSTRUCTION REPAIRED |
|                      | FORCEMAIN.                                                                                              |
|                      | (REPAIR WORK ORDER # 3033417)                                                                           |
| Public Notification: | TEMPORARY SIGNS AND NOTIFIED CUSTOMER ON SITE                                                           |



| KPDES #<br>KY0022411                                             |                        | Facility IDWater Quality TreatemMSD0278MORRIS FORMAN |                                    | nent Center                 | nt Center Receiving Stream of Treatment Center OHIO RIVER |              |            | <b>Region</b><br>WEST                            |                                          |                                          |                          |
|------------------------------------------------------------------|------------------------|------------------------------------------------------|------------------------------------|-----------------------------|-----------------------------------------------------------|--------------|------------|--------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| Facility Type<br>SSL Sewer Service Line                          |                        |                                                      | Facility Address<br>3504 HUGHES RD |                             | If Pump Station, Name of Pump Station:                    |              | : 1        | Receiving Stream                                 |                                          | Discharge to                             |                          |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3046169 | <u>Ref No</u>                                        | Initiated<br>01/31/2019            | Initiated By<br>ANDERSON IV | <u>Assigned To</u><br>ANDERSON<br>IV, E                   | Disch Status | Event Date | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/31/19 06:35<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | PRIVATE PROPERTY ISSUE                                                    |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT WITH IMPACTED AREA                      |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | ADVISED CUSTOMER TO CONTACT APLUMBER                                      |
| Public Notification: | ADVISED CUSTOMER BY PHONE                                                 |



| KPDES #                     | Facility ID |            | Water Qu         | Water Quality Treatement Center |                      |                    | <b>Receiving Stream of Treatment Center</b> |                        |                |           |  |
|-----------------------------|-------------|------------|------------------|---------------------------------|----------------------|--------------------|---------------------------------------------|------------------------|----------------|-----------|--|
| KY0022411                   | MSD0278     |            | MORRIS FORMAN    |                                 | OHIO RIVER           |                    |                                             |                        | WEST           |           |  |
| Facility Type               | Facility ID |            | Facility Address |                                 | If Pump Station, Nam | ne of Pump Station | n:                                          | Receiving Stream       | Discha         | irge to   |  |
| SMH Sewer Manhole           | 08426       |            | 4315 PRUITT C    | т                               |                      |                    |                                             | SOUTH FORK BEARGRASS C | REEK GF        | ROUND     |  |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By     | Assigned To                     | Disch Status         | Event Date         | Problem                                     | <u>Result</u>          | Completed      | Condition |  |
| : DISREV: RAIN EVENT        | 3053987     | 02/12/2019 | DAVIS BROWN      | MITCHELL                        | DOCUMENTED           | 02/25/2011         | LACK OF                                     | UNAUTHORIZED           | 02/13/19 06:00 | MAIN      |  |
| DISCHARGE                   |             |            |                  |                                 |                      |                    | SYSTEM                                      | DISCHARGE-WATER        | AM             |           |  |
|                             |             |            |                  |                                 |                      |                    | CAPACITY                                    | S                      |                |           |  |

#### Discharge Reporting:

| Discharge Amount:    | 1,380 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                                                  |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   |                                                 | Quality Treatement Center                  | Receiving Stream | <b>Receiving Stream of Treatment Center</b>             |                                          |                          |  |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------|--------------------------------------------|------------------|---------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRI                                           | S FORMAN                                   | OHIO RIVER       |                                                         | WEST                                     |                          |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3056267 | InitiatedInitiated By2/20/2019MITCHELL8:00:00AM | Assigned To Disch St<br>DAVIS BROWN DOCUMI |                  | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>Y S | <u>Completed</u><br>02/20/19 03:16<br>PM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| Discharge Amount:    | 4,360 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                                                  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID |            | Water Qu         | Water Quality Treatement Center |                      |                   | <b>Receiving Stream of Treatment Center</b> |                         |                |                  |
|-----------------------------|-------------|------------|------------------|---------------------------------|----------------------|-------------------|---------------------------------------------|-------------------------|----------------|------------------|
| KY0022411                   | MSD0278     |            | MORRIS FORMAN    |                                 |                      | OHIO RIVER        |                                             |                         | WEST           |                  |
| Facility Type               | Facility ID |            | Facility Address |                                 | If Pump Station, Nam | e of Pump Station | ı:                                          | Receiving Stream        | Discha         | rge to           |
| SMH Sewer Manhole           | 08427       |            | 4313 PRUITT C    | Т                               |                      |                   |                                             | SOUTH FORK BEARGRASS CF | REEK GF        | ROUND            |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By     | Assigned To                     | Disch Status         | Event Date        | Problem                                     | <u>Result</u>           | Completed      | <b>Condition</b> |
| : DISREV: RAIN EVENT        | 3053986     | 02/12/2019 | DAVIS BROWN      | MITCHELL                        | DOCUMENTED           | 02/25/2011        | LACK OF                                     | UNAUTHORIZED            | 02/13/19 06:00 | MAIN             |
| DISCHARGE                   |             |            |                  |                                 |                      |                   | SYSTEM                                      | DISCHARGE-WATER         | AM             |                  |
|                             |             |            |                  |                                 |                      |                   | CAPACITY                                    | S                       |                |                  |

### Discharge Reporting:

| Discharge Amount:    | 138,000 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                                                  |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID |            | Water Quality Treatement Center |             |                      | <b>Receiving Stream of Treatment Center</b> |          |                         |                | Region    |  |
|-----------------------------|-------------|------------|---------------------------------|-------------|----------------------|---------------------------------------------|----------|-------------------------|----------------|-----------|--|
| <b>KY0022411</b> MSD0278    |             |            | MORRIS FO                       | ORMAN       |                      | OHIO RIVER                                  |          |                         |                | WEST      |  |
| Facility Type               | Facility ID |            | Facility Address                |             | If Pump Station, Nam | e of Pump Statior                           | ı:       | Receiving Stream        | Discha         | rge to    |  |
| SMH Sewer Manhole           | 08430       |            | 4341 PRUITT C                   | г           |                      |                                             |          | SOUTH FORK BEARGRASS CF | REEK GF        | ROUND     |  |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By                    | Assigned To | Disch Status         | Event Date                                  | Problem  | <u>Result</u>           | Completed      | Condition |  |
| : DISREV: RAIN EVENT        | 3053990     | 02/12/2019 | DAVIS BROWN                     | MITCHELL    | DOCUMENTED           | 06/22/2011                                  | LACK OF  | UNAUTHORIZED            | 02/13/19 06:09 | MAIN      |  |
| DISCHARGE                   |             |            |                                 |             |                      |                                             | SYSTEM   | DISCHARGE-WATER         | AM             |           |  |
|                             |             |            |                                 |             |                      |                                             | CAPACITY | S                       |                |           |  |

### Discharge Reporting:

| Discharge Amount:    | 207,000 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                                                  |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                      | Receiving Stream | Region                                                |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|------------------------------------------------|------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                       | OHIO RIVER       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056271 | InitiatedInitiated By2/20/2019MITCHELL8:20:00AM | Assigned To Disch Statu<br>DAVIS BROWN DOCUMEN |                  | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:20<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 4,200 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | CLEAN UP NOT NEEDED, NO SOLID OR DEBRIS OBSERVED.                                                  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID            |               |                                | Water Quality Treatement Center |                                |                                   | Receiving Stream of Treatment Center |                           |                               |                             | Region    |  |
|-----------------------------|------------------------|---------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------------|--------------------------------------|---------------------------|-------------------------------|-----------------------------|-----------|--|
| KY0022411                   | 1 MSD0278              |               |                                | MORRIS FO                       | ORMAN                          |                                   | OHIO RIVER                           |                           |                               | WEST                        |           |  |
| Facility Type               | Fac                    | ility ID      |                                | Facility Address                |                                | If Pump Station, Nam              | e of Pump Statio                     | n:                        | Receiving Stream              | Disch                       | arge to   |  |
| SSL Sewer Service Line      | 085100290046A          |               |                                | 4332 PRUITT CT                  |                                |                                   |                                      |                           | SOUTH FORK BEARGRASS CI       | REEK G                      | ROUND     |  |
| Activity Code / Description | <u>WO #</u><br>3053994 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | Initiated By<br>DAVIS BROWN     | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>12/05/2011      | <u>Problem</u><br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/13/19 06:20 | Condition |  |
| DISCHARGE                   | 3053994                |               | 02/12/2019                     | DAVIS BROWN                     | MITCHELL                       | DOCOMENTED                        | 12/05/2011                           | SYSTEM<br>CAPACITY        | DISCHARGE-WATER<br>S          | AM                          |           |  |

### Discharge Reporting:

| Discharge Amount:    | 1,384 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054600                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | CLEAN OUT DISCHARGING AREA.                                                                        |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treatement Center |                                |                                   | <b>Receiving Stream of Treatment Center</b> |                                          |                                                       |                                          | Region           |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|-----------------------------------|---------------------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| KY0022411                                                        | MSD0278                       |                                | MORRIS FO                       | ORMAN                          |                                   | OHIO RIVER                                  |                                          |                                                       | WEST                                     |                  |  |
| Facility Type                                                    | Facility ID                   |                                | Facility Address                |                                | If Pump Station, Nam              | ne of Pump Station                          | ı:                                       | Receiving Stream                                      | Discha                                   | rge to           |  |
| SMH Sewer Manhole                                                | 08935-SM                      |                                | 1001 BRECKENRIDGE LN            |                                |                                   |                                             | MIDDLE FORK BEARGRASS C                  | REEK S                                                | FREAM                                    |                  |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3052108 | <u>Initiated</u><br>02/07/2019 | Initiated By<br>DAVIS BROWN     | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>11/29/2001             | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/08/19 03:54<br>PM | <u>Condition</u> |  |

### Discharge Reporting:

| Discharge Amount:    | 1,179,000 GAL                                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                                           |
| Clean Up:            | NO CLEANUP REQUIRED. PIPE IS SUBMERGED.                                                                                            |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.                            |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                                        |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Wate                                                     | r Quality Treatement | Center                            | Receiv                          | ving Stream of                                  | Treatment Center                                      | Region                                   | I                        |
|----------------------------------------------------------------|--------------------------------------|----------------------------------------------------------|----------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MOR                                                      | RIS FORMAN           |                                   | OHIO RIV                        | ′ER                                             |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052884 | Initiated Initiated B<br>2/11/2019 MITCHELL<br>6:42:00AM |                      | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>11/29/2001 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/14/19 12:42<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 4,021,000 GAL                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                            |
| Clean Up:            | PIPE DISCHARGES UNDERWATER, DIRECTLY INTO CREEK.                                                               |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO CREEK.                                         |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                    |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | Receiving Stream of                                              | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                          | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056278 | InitiatedInitiated By2/20/2019MITCHELL5:46:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 11/29/2001 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/24/19 12:53<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 1,192,000 GAL                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                             |
| Clean Up:            | NOT REQUIRED, UNDER GROUND PIPE IS DISCHARGING TO THE CREEK.                                    |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED. THE PIPE DISCHARGES DIRECTLY TO CREEK.                        |
| Impact:              | NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                      |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                      |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT DISCHARGE SIGNS AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Wate                                                     | r Quality Treatement C | Center                            | Receiv                          | ing Stream of                                   | Treatment Center                                      | Region                                   | 1                        |
|----------------------------------------------------------------|--------------------------------------|----------------------------------------------------------|------------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORF                                                     | RIS FORMAN             |                                   | OHIO RIV                        | ER                                              |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3065420 | Initiated Initiated By<br>3/9/2019 MITCHELL<br>3:24:00PM |                        | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>11/29/2001 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/09/19 05:02<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 266 GAL                                                                                  |
|----------------------|------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                      |
| Clean Up:            | NO CLEANUP REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                        |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE. THE PIPE DISCHARGES DIRECTLY TO STREAM.                 |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                       |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                           |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream                                               | of Treatment Center                                   | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3067288 | InitiatedInitiated By3/14/2019MITCHELL8:46:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>11/29/2001 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/14/19 10:34<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 75,000 GAL                                                                           |
|----------------------|--------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                 |
| Clean Up:            | NO CLEANUP REQUIRED. MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                     |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO LACK OF PUBLIC ACCESS TO THE DISCHARGE SITE. |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.          |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                           |
| Public Notification: | PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.               |

| 3/15/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/15/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water 0                                                   | Quality Treatement Center                          | Receiving Stream                                               | Region                                                |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                                    | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3078411 | Initiated Initiated By<br>3/30/2019 MITCHELL<br>9:51:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>11/29/2001 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/31/19 12:19<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 18,000 GAL                                                                                                        |
|----------------------|-------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                              |
| Clean Up:            | NOT REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                                                        |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO CREEK.                                            |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                       |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                        |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED |
|                      | CONTENT.                                                                                                          |

| 3/31/19 1:00 a | m | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|---|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/31/19 1:00 a | m | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                           |               |                                     | Water Quality Treatement Center |                                        |                     | Rece             | Receiving Stream of Treatment Center            |                                          |                                          | Region                   |  |
|------------------------------------------------------------------|---------------------------------------|---------------|-------------------------------------|---------------------------------|----------------------------------------|---------------------|------------------|-------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|--|
| KY0078956                                                        | MSD0277                               |               |                                     | DEREK R. GUTHRIE                |                                        |                     | OHIO R           | OHIO RIVER                                      |                                          |                                          | WEST                     |  |
| Facility Type<br>SSL Sewer Service Line                          | <b>Facility ID</b><br>e 102005760000A |               | Facility Address<br>2335 LINDSEY DR |                                 | If Pump Station, Name of Pump Station: |                     | Receiving Stream | Discharge to                                    |                                          |                                          |                          |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3056385                | <u>Ref No</u> | <u>Initiated</u><br>02/20/2019      | <u>Initiated By</u><br>HENDRIX  | <u>Assigned To</u><br>HENDRIX          | <u>Disch Status</u> | Event Date       | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/20/19 12:00<br>PM | <u>Condition</u><br>MAIN |  |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                           |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | INVESTIGATION INDICATED THAT NO ADDITIONAL REPAIRS ARE REQUIRED BY MSD    |
| Public Notification: | ADVISED CUSTOMER BY PHONE                                                 |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treatement Center |                                  |                                                        | Receiv                          | ving Stream of                          | Region                                                |                                          |                  |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|----------------------------------|--------------------------------------------------------|---------------------------------|-----------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| KY0022420                                                        | MSD0202                       |                                | HITE CRE                        | EK                               | HITE CREEK                                             |                                 |                                         |                                                       | EAST                                     |                  |  |
| Facility Type                                                    | Facility ID                   |                                | Facility Address                |                                  | If Pump Station, Name of Pump Station:                 |                                 | ::                                      | Receiving Stream                                      |                                          | Discharge to     |  |
| SMN Sewer Main                                                   | 102451-V                      |                                |                                 |                                  |                                                        |                                 | HAR                                     | RODS CREEK                                            | GF                                       | ROUND            |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3058887 | <u>Initiated</u><br>02/27/2019 | <u>Initiated By</u><br>GRAY JR  | <u>Assigned To</u><br>SUTHERLAND | <u>Disch Status</u><br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>02/27/2019 | <u>Problem</u><br>STRUCTURAL<br>FAILURE | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/27/19 05:45<br>PM | <u>Condition</u> |  |

### Discharge Reporting:

| Discharge Amount:    | 3,750 GAL                                                                  |
|----------------------|----------------------------------------------------------------------------|
| Cause:               | STRUCTURAL FAILURE OF MAIN SEWER.                                          |
| Clean Up:            | CLEAN UP PERFORMED BY MSD. RAKED, CLEANED ,LIMED, SEED AND STRAW PUT DOWN. |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                                          |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.        |
| Repair:              | STATION PUMPS TURNED OFF.                                                  |
| Public Notification: | MSD SITE IS UPDATED TO INCLUDE THE EVENT AND NOTIFY PUBLIC.                |

| 2/28/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/28/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID            |               |                                | Water Qu                           | Water Quality Treatement Center |                                   |                                        | ving Strear                              | Region                                                |                      |                  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|------------------------------------|---------------------------------|-----------------------------------|----------------------------------------|------------------------------------------|-------------------------------------------------------|----------------------|------------------|
| KY0022411                                                        | MSD0278                |               |                                | MORRIS FORMAN                      |                                 |                                   | OHIO RI                                | VER                                      | WEST                                                  |                      |                  |
| Facility Type                                                    | Facility ID            |               |                                | Facility Address If Pun            |                                 | If Pump Station, Nam              | If Pump Station, Name of Pump Station: |                                          | Receiving Stream                                      | Discharge to         |                  |
| SMH Sewer Manhole                                                | 105936                 |               |                                | 7713 WESTPORT RD                   |                                 |                                   |                                        |                                          | GOOSE CREEK                                           | (                    | GROUND           |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053696 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN | Assigned To<br>MITCHELL         | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>03/04/2008        | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>Ongoing | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 0 GAL                                                                            |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN                                               |
| Clean Up:            | PENDING                                                                          |
| Control Zone:        | TEMP SIGNS PLACED AROUND DISCHARGE SITE                                          |
| Impact:              | MANHOLE DISCHARGING                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                          | Quality Treatement Center                          | Receiving Stream o                                             | Region                                                |                                          |                  |
|----------------------------------------------------------------|-------------------------------|------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRI                                          | S FORMAN                                           | OHIO RIVER                                                     |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053603 | InitiatedInitiated By2/12/2019FLOWERS9:30:00AM | Assigned To Disch Status<br>CATALANO JR DOCUMENTED | Event Date Problem<br>03/04/2008 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/12/19 11:27<br>PM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 1,275,000 GAL                                                        |
|----------------------|----------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                             |
| Clean Up:            | CLEANED AND SANITIZED THE IMPACTED AREA.                             |
| Control Zone:        | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                     |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND AT THE IOAP.               |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                     |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID            |               |                                | Water Quality Treatement Center |                               |                                                                   | Rece                            | Receiving Stream of Treatment Center            |                                                       |                                          | Region                   |  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|---------------------------------|-------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0098540                                                        | MSD0289                |               |                                | CEDAR C                         | REEK                          |                                                                   | CEDAR CREEK                     |                                                 |                                                       |                                          | CENT                     |  |
| Facility Type                                                    | Facility ID            |               |                                | Facility Address                |                               | If Pump Station, Name of Pump Station:                            |                                 | n:                                              | Receiving Stream                                      |                                          | Discharge to             |  |
| SMH Sewer Manhole                                                | 111292                 |               |                                | 8817 OLD BARDSTOWN RD           |                               |                                                                   |                                 | BIG RUN                                         |                                                       | GROUND                                   |                          |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3065006 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>GRIMES   | <u>Assigned To</u><br>MAUDLIN | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/12/19 11:00<br>AM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| Discharge Amount:    | 120 GAL                                                           |
|----------------------|-------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN.                             |
| Clean Up:            | NO DEBRIS OBSERVED.                                               |
| Control Zone:        | PLACED FOUR BARRICADES, CAUTION TAPE AND TEMPORARY WARNING SIGNS. |
| Impact:              | NO IMPACT OBSERVED.                                               |
| Repair:              | THIS WILL BE OBSERVED FOR A FUTURE SOLUTION.                      |
| Public Notification: | MSD ADVISED BY PLACING THE TEMPORARY WARNING SIGNS.               |

| 3/8/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/8/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Fa          | cility ID |            | Water Qu         | ality Treaten | nent Center          | Recei             | ving Strea | Regio                   | Region         |           |  |
|-----------------------------|-------------|-----------|------------|------------------|---------------|----------------------|-------------------|------------|-------------------------|----------------|-----------|--|
| KY0022411                   | MSD0278     |           |            | MORRIS FORMAN    |               |                      | OHIO RIVER        |            |                         |                | WEST      |  |
| Facility Type               | Fac         | ility ID  |            | Facility Address |               | If Pump Station, Nam | e of Pump Station | ו:         | Receiving Stream        | Discha         | rge to    |  |
| SMH Sewer Manhole           | 115         | 183       |            | 208 BRUNSWIC     | K RD          |                      |                   |            | MIDDLE FORK BEARGRASS C | REEK [         | DITCH     |  |
| Activity Code / Description | <u>WO #</u> | Ref No    | Initiated  | Initiated By     | Assigned To   | Disch Status         | Event Date        | Problem    | Result                  | Completed      | Condition |  |
| : DISREV: RAIN EVENT        | 3053694     |           | 02/12/2019 | DAVIS BROWN      | MITCHELL      | DOCUMENTED           | 12/05/2011        | LACK OF    | UNAUTHORIZED            | 02/12/19 02:23 | MAIN      |  |
| DISCHARGE                   |             |           |            |                  |               |                      |                   | SYSTEM     | DISCHARGE-WATER         | PM             |           |  |
|                             |             |           |            |                  |               |                      |                   | CAPACITY   | S                       |                |           |  |

## Discharge Reporting:

| Discharge Amount:    | 10,500 GAL                                                                        |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054414                                                                        |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.               |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   | Water Qu                       | ality Treatem                      | ent Center              | Recei                                                             | iving Strea                     | Regio                                    | Region                                                |                                          |                          |
|------------------------------------------------------------------|-------------------------------|--------------------------------|------------------------------------|-------------------------|-------------------------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411                                                        | MSD0278                       |                                | MORRIS FORMAN                      |                         |                                                                   | OHIO R                          |                                          | WEST                                                  |                                          |                          |
| Facility Type                                                    | Facility ID                   |                                | Facility Address                   |                         | If Pump Station, Nam                                              | e of Pump Statio                | n:                                       | Receiving Stream                                      | Discha                                   | rge to                   |
| SMH Sewer Manhole                                                | 117953                        |                                | 1910 CHARBDI                       | N PL                    |                                                                   |                                 |                                          | MUDDY FORK BEARGRASS C                                | REEK GF                                  | ROUND                    |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3054023 | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN | Assigned To<br>MITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/14/19 06:20<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 54,000 GAL                                                        |
|----------------------|-------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                               |
| Clean Up:            | WO#3054619                                                        |
| Control Zone:        | BARRICADE & TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                    |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                          |                                | Water Quality Treatement Center     |                              |                                        | Rece              | iving Stream of                         | Region                                            |                      |                  |  |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|-------------------------------------|------------------------------|----------------------------------------|-------------------|-----------------------------------------|---------------------------------------------------|----------------------|------------------|--|
| KY0078956                                                        | MSD0277                              | MSD0277                        |                                     | DEREK R. GUTHRIE             |                                        | OHIO RIVER        |                                         |                                                   | WEST                 |                  |  |
| Facility Type SMH Sewer Manhole                                  | Facility ID<br>120572                |                                | Facility Address<br>3915 OAKLAWN DR |                              | If Pump Station, Name of Pump Station: |                   | n:                                      | Receiving Stream                                  |                      | Discharge to     |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3074328 | <u>Initiated</u><br>03/27/2019 | <u>Initiated By</u><br>BERTKE       | <u>Assigned To</u><br>BERTKE | <u>Disch Status</u>                    | <u>Event Date</u> | <u>Problem</u><br>MECHANICAL<br>FAILURE | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | Completed<br>Ongoing | <u>Condition</u> |  |

| Discharge Amount:    | 10,000 GAL                                                                                              |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Cause:               | CONTRACTOR PERFORMING SEWER REHAB HAD PUMP-AROUND MALFUNCTION.PLUG BLOCKED MANHOLE AND CAUSED OVERFLOW. |
| Clean Up:            | MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA                                                  |
| Control Zone:        | PLACED CONES AROUND THE IMPACTED AREA                                                                   |
| Impact:              | SEWAGE/WATER DISCHARGING FROM MANHOLE                                                                   |
| Repair:              | REMOVED THE OBSTRUCTION / DEBRIS FROM THE SEWER (PUMP AROUND PLUG)                                      |
| Public Notification: | ADVISED CUSTOMERS ON SITE                                                                               |



| KPDES #                                                          | Fac                    | Facility ID       |                                |                                | uality Treatem                | nent Center         | Rece              | iving Stream                                    | of Treatment Center                      | Region                                   |                          |  |
|------------------------------------------------------------------|------------------------|-------------------|--------------------------------|--------------------------------|-------------------------------|---------------------|-------------------|-------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|--|
| KY0078956                                                        | MSD                    | MSD0277           |                                | DEREK R. GUTHRIE               |                               |                     | OHIO RIVER        |                                                 |                                          |                                          | WEST                     |  |
| Facility Type<br>SSL Sewer Service Line                          |                        | lity ID<br>802325 |                                | Facility Addres                |                               | If Pump Station, Na | me of Pump Static | on:                                             | Receiving Stream                         | Discha                                   | rge to                   |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3056415 | <u>Ref No</u>     | <u>Initiated</u><br>02/20/2019 | <u>Initiated By</u><br>HENDRIX | <u>Assigned To</u><br>HENDRIX | Disch Status        | <u>Event Date</u> | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/20/19 12:50<br>PM | <u>Condition</u><br>MAIN |  |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                           |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD  |
| Public Notification: | ADVISED CUSTOMER BY PHONE                                                 |



| KPDES #                                                          | Facility ID<br>MSD0277 |               |                                | Water Quality Treatement Center |                                  |                                                                 | 0                  | reatment Center                                  | <b>Region</b><br>WEST                    |                                          |                          |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|---------------------------------|----------------------------------|-----------------------------------------------------------------|--------------------|--------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0078956                                                        | Facility ID            |               |                                |                                 | lf Dump Station No.              | OHIO RIVER Pump Station, Name of Pump Station: Receiving Stream |                    |                                                  | Discharge to                             |                                          |                          |
| Facility Type SSL Sewer Service Line                             | 133 <sup>°</sup>       | -             |                                | Facility Addres                 |                                  | in Pump Station, Na                                             | ne of Pump Station |                                                  | Receiving Stream                         | Dischar                                  | ge to                    |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3032959 | <u>Ref No</u> | <u>Initiated</u><br>01/01/2019 | <u>Initiated By</u><br>JOHNSON  | <u>Assigned To</u><br>JOHNSON, R | <u>Disch Status</u>                                             | Event Date         | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/01/19 08:00<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                         |
|----------------------|-----------------------------------------------|
| Cause:               | BLOCKAGE ON MSD PORTION OF PIPE               |
| Clean Up:            | MSD CLEAN UP THE IMPACTED AREA                |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE |
| Impact:              | BACK UP FROM MSD CLEAN OUT                    |
| Repair:              | FLUSH MAIN SEWER                              |
| Public Notification: | ON SITE                                       |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treatement Center |                               |                                                        | Recei                           | <b>Receiving Stream of Treatment Center</b> |                                          |                                          |                          |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|-------------------------------|--------------------------------------------------------|---------------------------------|---------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411                                                        | MSD0278                       |                                | MORRIS                          | FORMAN                        | OHIO RIVER                                             |                                 |                                             |                                          | WEST                                     | WEST                     |  |
| Facility Type Facility ID                                        |                               |                                | Facility Addres                 | ss                            | If Pump Station, Name of Pump Station:                 |                                 |                                             | Receiving Stream                         | Discha                                   | Discharge to             |  |
| SSL Sewer Service Line                                           | ne 154126                     |                                | 1029 THRUSTON AVE               |                               |                                                        |                                 |                                             | SOUTH FORK BEARGRASS CF                  | REEK GF                                  | GROUND                   |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3056300 | <u>Initiated</u><br>02/20/2019 | Initiated By<br>HENDRIX         | <u>Assigned To</u><br>HENDRIX | <u>Disch Status</u><br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>02/02/2009 | <u>Problem</u><br>ROOTS                     | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/20/19 11:30<br>AM | <u>Condition</u><br>MAIN |  |

| Discharge Amount:    | 1 GAL                                                                               |
|----------------------|-------------------------------------------------------------------------------------|
| Cause:               | ROOTS IN MAIN SEWER                                                                 |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                      |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                     |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM WASHING MACHINE DRAIN |
| Repair:              | ROOT CUT MAIN SEWER TO RESTORE FLOW                                                 |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                            |



| KPDES #                                                          | Facility ID                   | Water Qu                       | Water Quality Treatement Center<br>MORRIS FORMAN |                         |                                                                   | ving Strea                      | Regio                                    | on                                                    |                                          |                          |
|------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------------|-------------------------|-------------------------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411                                                        | MSD0278                       | MORRIS FO                      |                                                  |                         |                                                                   | OHIO RIVER                      |                                          |                                                       | WEST                                     |                          |
| Facility Type                                                    |                               |                                | Facility Address                                 |                         | If Pump Station, Nam                                              | e of Pump Statio                | n:                                       | Receiving Stream                                      | Discha                                   | rge to                   |
| SMH Sewer Manhole                                                |                               |                                | 1913 CHARBDIN PL                                 |                         |                                                                   |                                 |                                          | MUDDY FORK BEARGRASS C                                | REEK GROUND                              |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3054020 | <u>Initiated</u><br>02/12/2019 | Initiated By<br>DAVIS BROWN                      | Assigned To<br>MITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 06:40<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| 84,000 GAL                                                                       |
|----------------------------------------------------------------------------------|
| LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| WO#3054416                                                                       |
| BARRICADE CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| MANHOLE DISCHARGING.                                                             |
| LOCATION INCLUDED IN THE IOAP.                                                   |
| PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.             |
|                                                                                  |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID            |               |                                | Water Qu                           | Water Quality Treatement Center |                                        |                                 | ving Strea                | Regio                         | on                          |                  |
|-----------------------------|------------------------|---------------|--------------------------------|------------------------------------|---------------------------------|----------------------------------------|---------------------------------|---------------------------|-------------------------------|-----------------------------|------------------|
| KY0022411                   | MSD0278                |               |                                | MORRIS F                           | MORRIS FORMAN                   |                                        |                                 | VER                       | WEST                          |                             |                  |
| Facility Type               |                        |               | Facility Address               | Facility Address                   |                                 | If Pump Station, Name of Pump Station: |                                 |                           | Discharge to<br>REEK GROUND   |                             |                  |
| SMH Sewer Manhole           |                        |               | 1915 CHARBDIN PL               |                                    |                                 |                                        |                                 | MUDDY FORK BEARGRASS C    |                               |                             |                  |
| Activity Code / Description | <u>WO #</u><br>3054021 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL  | <u>Disch Status</u><br>LIMITED         | <u>Event Date</u><br>02/12/2019 | <u>Problem</u><br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/13/19 06:40 | <u>Condition</u> |
| DISCHARGE                   |                        |               |                                |                                    |                                 | CAPACITY DUE<br>TO FLOOD<br>OPERATIONS |                                 | SYSTEM<br>CAPACITY        | DISCHARGE-WATER<br>S          | AM                          |                  |

### Discharge Reporting:

| Discharge Amount:    | 21,000 GAL                                                   |
|----------------------|--------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                          |
| Clean Up:            | WO#3054417                                                   |
| Control Zone:        | CONE & TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                         |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                               |
| Public Notification: | PUBLIC NOTFIED THROUGH TEMP SIGNS AT DISCHARGE SITE.         |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID         |             |            | Water Qua                          | Water Quality Treatement Center<br>MORRIS FORMAN |                                        |            | <b>Receiving Stream of Treatment Center</b><br>OHIO RIVER |                        |                |              |  |
|-----------------------------|-------------|------------|------------------------------------|--------------------------------------------------|----------------------------------------|------------|-----------------------------------------------------------|------------------------|----------------|--------------|--|
| KY0022411 MSD0278           |             | MORRIS FO  |                                    |                                                  |                                        |            |                                                           |                        |                |              |  |
| Facility Type               |             |            | Facility Address<br>1726 FRASER DR |                                                  | If Pump Station, Name of Pump Station: |            |                                                           | Receiving Stream       | Discha         | Discharge to |  |
| SMH Sewer Manhole           |             |            |                                    |                                                  |                                        |            |                                                           | SOUTH FORK BEARGRASS C | REEK [         | EK DITCH     |  |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By                       | Assigned To                                      | Disch Status                           | Event Date | Problem                                                   | Result                 | Completed      | Condition    |  |
| : DISREV: RAIN EVENT        | 3040684     | 01/23/2019 | DAVIS BROWN                        | MITCHELL                                         | DOCUMENTED                             | 01/24/2002 | LACK OF                                                   | UNAUTHORIZED           | 01/23/19 06:15 |              |  |
| DISCHARGE                   |             |            |                                    |                                                  |                                        |            | SYSTEM                                                    | DISCHARGE-WATER        | PM             |              |  |
|                             |             |            |                                    |                                                  |                                        |            | CAPACITY                                                  | S                      |                |              |  |

### Discharge Reporting:

| Discharge Amount:    | 5,750 GAL                                                                                               |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN.                                                              |
| Clean Up:            | NO CLEANUP REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                                       |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS. |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                          |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT.      |

| 1/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                                                        | Facility ID                  | Wate                           | r Quality Treatement       | Center                     | Receiv                          | ving Stream of                                  | Region                                                |                                          |                  |  |
|----------------------------------------------------------------|------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                      |                                | RIS FORMAN                 |                            | OHIO RIVER                      |                                                 |                                                       | WEST                                     |                  |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> Ref N<br>3052114 | 2/7/2019 MITCHELL<br>9:00:00AM | Assigned To<br>DAVIS BROWN | Disch Status<br>DOCUMENTED | <u>Event Date</u><br>01/24/2002 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/08/19 12:30<br>PM | <u>Condition</u> |  |

#### Discharge Reporting:

| Discharge Amount:    | 139,433 GAL                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                       |
| Clean Up:            | NOT REQUIRED PIPE IS SUBMERGED.                                                                                |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO STREAM.                                        |
| Impact:              | MANHOLE DISCHARGING.                                                                                           |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                 |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, & DOOR CARDS TO AVOID DIRECT |
|                      | CONTACT WITH DISCHARGED CONTENT.                                                                               |

| 2 | 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|---|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2 | 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                                      | Water                                                     | Quality Treatement Center                      | Receiving Stream of | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | <b>0022411 (Cont'd)</b> MSD0278      |                                                           | MORRIS FORMAN                                  |                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052892 | Initiated Initiated By<br>2/11/2019 MITCHELL<br>7:00:00AM | Assigned To Disch Statu<br>DAVIS BROWN DOCUMEN |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 08:45<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 1,800,589 GAL                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                |
| Clean Up:            | PIPES DISCHARGE UNDERWATER, DIRECTLY INTO CREEK.                                                                   |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.            |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                        |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT |
|                      | CONTACT WITH DISCHARGED CONTENT.                                                                                   |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                                      | Water                                           | Quality Treatement Center                        | Receiving Stream of | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | Y0022411 (Cont'd) MSD0278            |                                                 | MORRIS FORMAN                                    |                     | OHIO RIVER                                            |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056276 | InitiatedInitiated By2/20/2019MITCHELL5:00:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:40<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:                                                      | 237,752 GAL                                                                                     |  |  |
|------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--|--|
| Cause:                                                                 | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                             |  |  |
| Clean Up: NOT REQUIRED, UNDER GROUND PIPE IS DISCHARGING TO THE CREEK. |                                                                                                 |  |  |
| Control Zone:                                                          | CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO CREEK.                          |  |  |
| Impact:                                                                | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                     |  |  |
| Repair: LOCATION INCLUDED IN IOAP.                                     |                                                                                                 |  |  |
| Public Notification:                                                   | PUBLIC NOTIFIED THROUGH PERMANENT DISCHARGE SIGNS AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |  |  |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                               | Water                                           | Quality Treatement Center                        | Receiving Stream of | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | Y0022411 (Cont'd) MSD0278     |                                                 | S FORMAN                                         | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3057557 | InitiatedInitiated By2/23/2019MITCHELL7:00:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/24/19 01:30<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 174,583 GAL                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                       |
| Clean Up:            | CLEAN UP NOT REQUIED. PIPE IS SUBMERGED IN THE CREEK.                                                     |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.   |
| Impact:              | NOTIFICATION RECIEVED FROM REMOTE DISCHARGE ALARM.                                                        |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                            |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                                      | Water                                          | Water Quality Treatement Center               |            | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------|-----------------------------------------------|------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | Cont'd) MSD0278                      |                                                | S FORMAN                                      | OHIO RIVER |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3065419 | InitiatedInitiated By3/9/2019MITCHELL4:24:00PM | Assigned To Disch State<br>DAVIS BROWN DOCUME |            | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/09/19 10:30<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 43,000 GAL                                                                                                |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                      |
| Clean Up:            | NO CLEANUP REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                                         |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.   |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                                        |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                            |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                        | Receiving Stream of | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | (Cont'd) MSD0278 MORRIS FORMAN       |                                                 |                                                  | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3078412 | InitiatedInitiated By3/30/2019MITCHELL8:30:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/30/19 10:15<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 1,165 GAL                                                                                                 |
|----------------------|-----------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                      |
| Clean Up:            | NOT REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                                                |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE. THE PIPE DISCHARGES DIRECTLY TO CREEK.                                   |
| Impact:              | NONE OBSERVED. OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 3/ | 31/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----|---------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/ | 31/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   |                                |                              | Water Quality Treatement Center Receiving |                                                                   |                                 | iving Strea                              | m of Treatment Center                                 | Region                                   |                          |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|------------------------------|-------------------------------------------|-------------------------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411                                                        | Facility Type Facility ID Fa  |                                | MORRIS                       | MORRIS FORMAN OHIO RIVER                  |                                                                   |                                 | OHIO RIVER                               |                                                       |                                          | WEST                     |  |
| Facility Type                                                    |                               |                                | Facility Addre               |                                           |                                                                   |                                 | on:                                      | Receiving Stream                                      | Discharge to                             |                          |  |
| SMH Sewer Manhole                                                |                               |                                | 3109 LOWELLAVE               |                                           |                                                                   |                                 | BROOKLAWN TRIBUTARY                      | GROUND                                                |                                          |                          |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053939 | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>BIVIN | <u>Assigned To</u><br>MURPHY              | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/15/19 11:44<br>AM | <u>Condition</u><br>MAIN |  |

### Discharge Reporting:

| Discharge Amount:    | 10 GAL                                         |
|----------------------|------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN           |
| Clean Up:            | MSD CLEANED THE AREA                           |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE. |
| Impact:              | OBSERVED MH DISCHARGING INTO STORM LINE.       |
| Repair:              | REFERRED FOR CLEAN AFTER DISCHARGE.            |
| Public Notification: | DISCHARGE SIGNS.                               |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | acility Type Facility ID Fa          |                                | Water Quality Treater                                  | •                                      |                                 |                         | Receiving Stream of Treatment Center |                             |                   |  |
|-----------------------------|--------------------------------------|--------------------------------|--------------------------------------------------------|----------------------------------------|---------------------------------|-------------------------|--------------------------------------|-----------------------------|-------------------|--|
| KY0022411                   |                                      |                                | MORRIS FORMAN                                          |                                        |                                 |                         | OHIO RIVER                           |                             |                   |  |
| Facility Type               |                                      |                                | acility Address If Pump Station, Name of Pump Station: |                                        | :                               | Receiving Stream        | Discharge to<br>CREEK DITCH          |                             |                   |  |
| SMH Sewer Manhole           |                                      |                                | 4609 BLENHEIM RD                                       |                                        |                                 | MIDDLE FORK BEARGRASS C |                                      |                             |                   |  |
| Activity Code / Description | <u>WO #</u> <u>Ref No</u><br>3053695 | <u>Initiated</u><br>02/12/2019 | Initiated ByAssigned ToDAVIS BROWNMITCHELL             | Disch Status<br>LIMITED                | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF      | <u>Result</u><br>UNAUTHORIZED        | Completed<br>02/12/19 02:18 | Condition<br>MAIN |  |
| DISCHARGE                   |                                      |                                |                                                        | CAPACITY DUE<br>TO FLOOD<br>OPERATIONS |                                 | SYSTEM<br>CAPACITY      | DISCHARGE-WATER<br>S                 | PM                          |                   |  |

### Discharge Reporting:

| Discharge Amount:    | 10,500 GAL                                                                        |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054415                                                                        |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.               |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #Facility IDKY0022411MSD0278Facility TypeFacility ID |             |                  | Water Quality Treatement Center |                                        |              | Recei      | ving Strea       | Regio                   | <b>Region</b><br>WEST |                  |
|------------------------------------------------------------|-------------|------------------|---------------------------------|----------------------------------------|--------------|------------|------------------|-------------------------|-----------------------|------------------|
|                                                            |             | MORRIS FO        | MORRIS FORMAN OHIO RIVER        |                                        |              | IVER       |                  | WEST                    |                       |                  |
|                                                            |             | Facility Address |                                 | If Pump Station, Name of Pump Station: |              | n:         | Receiving Stream | Discha                  | Discharge to          |                  |
| SMH Sewer Manhole                                          | 23211       |                  | 3302 TROUT CREEK DR             |                                        |              |            |                  | SOUTH FORK BEARGRASS CI | REEK S                | <b>TREAM</b>     |
| Activity Code / Description                                | WO # Ref No | Initiated        | Initiated By                    | Assigned To                            | Disch Status | Event Date | Problem          | <u>Result</u>           | Completed             | <b>Condition</b> |
| : DISREV: RAIN EVENT                                       | 3052119     | 02/07/2019       | DAVIS BROWN                     | MITCHELL                               | DOCUMENTED   | 02/22/2000 | LACK OF          | UNAUTHORIZED            | 02/07/19 09:20        |                  |
| DISCHARGE                                                  |             |                  |                                 |                                        |              |            | SYSTEM           | DISCHARGE-WATER         | PM                    |                  |
|                                                            |             |                  |                                 |                                        |              |            | CAPACITY         | S                       |                       |                  |

### Discharge Reporting:

| Discharge Amount:    | 4,500 GAL                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                                |
| Clean Up:            | WO#3052414                                                                                                                         |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                                                          |
| Impact:              | MANHOLE DISCHARGING.                                                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID Water Quality Treatem |                                                                      |  | t Center Receiving Stream of Treatment Center |                                 |                                                 | Treatment Center                                      | Region                                   |                  |
|----------------------------------------------------------------|-----------------------------------|----------------------------------------------------------------------|--|-----------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                           | MC                                                                   |  | OHIO RIVER                                    |                                 |                                                 | WEST                                                  |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref N</u><br>3053984      | 2 <u>Initiated</u> <u>Initiated</u><br>2/12/2019 MITCHE<br>5:45:00AM |  | <u>Disch Status</u><br>DOCUMENTED             | <u>Event Date</u><br>02/22/2000 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 05:30<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 348,750 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3052414                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | Center Receiving Stream of Treatment Center                      |                                                       |                                          | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | S FORMAN                                          | OHIO RIVER                                                       |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056264 | InitiatedInitiated By2/20/2019MITCHELL7:40:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 02/22/2000 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:05<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 89,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3056957                                                                                         |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                           | Facility ID     |           |                  | Water Qu                                       | Water Quality Treatement Center |                   |                              | Receiving Stream of Treatment Center |                                      |                      | Region           |  |
|-----------------------------------|-----------------|-----------|------------------|------------------------------------------------|---------------------------------|-------------------|------------------------------|--------------------------------------|--------------------------------------|----------------------|------------------|--|
| KY0022411                         | MSI             | MSD0278 N |                  |                                                | MORRIS FORMAN OH                |                   |                              | OHIO RIVER                           |                                      |                      | WEST             |  |
| Facility Type                     | Facility ID Fac |           | Facility Address | Facility Address If Pump Station, Name of Pump |                                 | e of Pump Station | mp Station: Receiving Stream |                                      | Discharge to                         |                      |                  |  |
| SMH Sewer Manhole                 | 267             | 52        |                  | 3317 BROWNSBORO RD                             |                                 |                   |                              |                                      | MUDDY FORK BEARGRASS C               | REEK D               | DITCH            |  |
| Activity Code / Description       | <u>WO #</u>     | Ref No    | Initiated        | Initiated By                                   | Assigned To                     | Disch Status      | Event Date                   | Problem                              | <u>Result</u>                        | Completed            | <b>Condition</b> |  |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3053699         |           | 02/12/2019       | DAVIS BROWN                                    | MITCHELL                        | DOCUMENTED        | 01/14/2013                   | LACK OF<br>SYSTEM<br>CAPACITY        | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/14/19 06:37<br>AM | MAIN             |  |

## Discharge Reporting:

| Discharge Amount:    | 207,000 GAL                                                                       |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054631                                                                        |
| Control Zone:        | TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                          |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                                     | Quality Treatement Center                        | Center Receiving Stream of Treatment Center |                                                       |                                          | ı                        |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|--------------------------------------------------|---------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                                     | S FORMAN                                         | OHIO RIVER                                  |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056280 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>4:15:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                                             | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 10:15<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 18,000 GAL                                                                                      |
|----------------------|-------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                             |
| Clean Up:            | WO#3054631                                                                                      |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO CREEK.                          |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                     |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                      |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT DISCHARGE SIGNS AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES #                                                        | Facility ID Water Quality Treatement Ce |                                                           |               | Center                            | enter Receiving Stream of Treatment Center |                                                 |                                                       | Region                                   |                  |
|----------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------------|---------------|-----------------------------------|--------------------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                                 | MOR                                                       | MORRIS FORMAN |                                   |                                            | OHIO RIVER                                      |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3057558           | 2 Initiated Initiated E<br>2/23/2019 MITCHEL<br>6:45:00PM |               | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>01/14/2013            | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/23/19 11:30<br>PM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 7,500 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3057566                                                                                         |
| Control Zone:        | TEMP SIGNS AND CAUTION TAPE PLACED AROUND IMPACTED AREA.                                           |
| Impact:              | NOTIFICATION RECIEVED FROM REMOTE DISCHARGE ALARM.                                                 |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT DISCHARGE SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                     | Facility ID Wa |            | Water Qu         | Nater Quality Treatement Center Receiv       |              |                  | iving Strea | Regio                   | on             |                  |  |
|-----------------------------|----------------|------------|------------------|----------------------------------------------|--------------|------------------|-------------|-------------------------|----------------|------------------|--|
| KY0022411                   | MSD0278        |            | MORRIS FO        | MORRIS FORMAN                                |              | OHIO R           | OHIO RIVER  |                         |                | WEST             |  |
| Facility Type               | Facility ID F  |            | Facility Address | Facility Address If Pump Station, Name of Pu |              | e of Pump Statio | n:          | Receiving Stream        | Discha         | rge to           |  |
| SMH Sewer Manhole           | 27012          |            | 2408 GRAY FOX RD |                                              |              |                  |             | MIDDLE FORK BEARGRASS C | REEK ST        | REAM             |  |
| Activity Code / Description | WO # Ref No    | Initiated  | Initiated By     | Assigned To                                  | Disch Status | Event Date       | Problem     | <u>Result</u>           | Completed      | <b>Condition</b> |  |
| : DISREV: RAIN EVENT        | 3052991        | 02/11/2019 | DAVIS BROWN      | MITCHELL                                     | DOCUMENTED   | 03/09/2019       | LACK OF     | UNAUTHORIZED            | 02/14/19 05:25 | MAIN             |  |
| DISCHARGE                   |                |            |                  |                                              |              |                  | SYSTEM      | DISCHARGE-WATER         | AM             |                  |  |
|                             |                |            |                  |                                              |              |                  | CAPACITY    | S                       |                |                  |  |

## Discharge Reporting:

| 292,500 GAL                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                                                                                                          |
| WO#3054802                                                                                                                                                                                                   |
| CAUTION TAPE AND TEMP SIGNS PLACED AROUND IMPACTED AREA.                                                                                                                                                     |
| MANHOLE DISCHARGING.                                                                                                                                                                                         |
| LOCATION INCLUDED IN THE IOAP                                                                                                                                                                                |
| PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT<br>CONTACT PUBLIC NOTFIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT. |
|                                                                                                                                                                                                              |

| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | Receiving Stream of | Receiving Stream of Treatment Center                  |                                          |                          |  |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                          | OHIO RIVER          |                                                       |                                          | WEST                     |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056301 | InitiatedInitiated By2/20/2019MITCHELL8:04:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTI |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/21/19 05:31<br>AM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| Discharge Amount:    | 161,250 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3054802                                                                                                      |
| Control Zone:        | CAUTION TAPE & TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                       |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID Water Quality Treatem |  |                                             | t Center Receiving Stream of Treatment Center |                                 |                                                 | reatment Center                                       | Region                                   |                          |
|----------------------------------------------------------------|-----------------------------------|--|---------------------------------------------|-----------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                           |  | MORRIS FORMAN                               | OHIO RIVER                                    |                                 |                                                 |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref N</u><br>3057559      |  | tiated By Assigned To<br>TCHELL DAVIS BROWN | <u>Disch Status</u><br>DOCUMENTED             | <u>Event Date</u><br>03/09/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/24/19 03:46<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 285,000 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3057812                                                                                                      |
| Control Zone:        | BARRICADES AND TEMP SIGNS POSTED AROUND THE IMPACTED AREA.                                                      |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                          | Quality Treatement Center                        | Receiving Stream o | f Treatment Center                                    | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                         | FORMAN                                           | OHIO RIVER         |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3065425 | InitiatedInitiated By3/9/2019MITCHELL6:35:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                    | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/10/19 09:30<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 45,000 GAL                                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                           |
| Clean Up:            | WO#3065468                                                                                                     |
| Control Zone:        | TEMPORARY DISCHARGE SIGNSPLACED AROUND THE IMPACTED AREA.                                                      |
| Impact:              | MANHOLE DISCHARGING.                                                                                           |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                 |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK TO AVOID CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                           | Facility IDWater Quality TreatMSD0278MORRIS FORMAN |               |            | Water Qu         | Water Quality Treatement Center |                      |                  | <b>Receiving Stream of Treatment Center</b> |                                 |                      | Region           |  |
|-----------------------------------|----------------------------------------------------|---------------|------------|------------------|---------------------------------|----------------------|------------------|---------------------------------------------|---------------------------------|----------------------|------------------|--|
| KY0022411                         |                                                    |               |            | ORMAN            | OHIO RIVER                      |                      |                  |                                             | WEST                            |                      |                  |  |
| Facility Type                     | Facil                                              | lity ID       |            | Facility Address | i                               | If Pump Station, Nam | e of Pump Statio | n:                                          | Receiving Stream                | Discha               | rge to           |  |
| SMH Sewer Manhole                 | 2824                                               | 9             |            | 3500 ST EDWA     | RDS DR                          |                      |                  |                                             | CHENOWETH RUN                   | D                    | ITCH             |  |
| Activity Code / Description       | <u>WO #</u>                                        | <u>Ref No</u> | Initiated  | Initiated By     | Assigned To                     | Disch Status         | Event Date       | Problem                                     | <u>Result</u>                   | Completed            | <b>Condition</b> |  |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3054008                                            |               | 02/12/2019 | DAVIS BROWN      | MITCHELL                        | DOCUMENTED           | 03/12/2006       | LACK OF<br>SYSTEM                           | UNAUTHORIZED<br>DISCHARGE-WATER | 02/13/19 08:07<br>AM | MAIN             |  |
|                                   |                                                    |               |            |                  |                                 |                      |                  | CAPACITY                                    | S                               |                      |                  |  |

## Discharge Reporting:

| Discharge Amount:    | 36,675 GAL                                                             |
|----------------------|------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                    |
| Clean Up:            | WO#3054398                                                             |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                         |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.   |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID Wa                       |                                |                             | ater Quality Treatement Center Receiving Stre |                                   |                                 | iving Strea                                     | ream of Treatment Center                              |                                   | 'n               |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|-----------------------------|-----------------------------------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|-----------------------------------|------------------|
| KY0022411                                                        | MSD0278                              | MSD0278 MORRIS FORMAN          |                             |                                               | OHIO RIVER                        |                                 |                                                 |                                                       | WEST                              |                  |
| Facility Type                                                    | Facility ID                          |                                | Facility Address            | ;                                             | If Pump Station, Nam              | e of Pump Static                | on:                                             | Receiving Stream                                      | Discha                            | rge to           |
| SMH Sewer Manhole                                                | 28250                                |                                | 3506 CHARLANE PKY           |                                               |                                   |                                 | CHENOWETH RUN                                   | D                                                     | NTCH                              |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052318 | <u>Initiated</u><br>02/07/2019 | Initiated By<br>DAVIS BROWN | Assigned To<br>MITCHELL                       | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>01/03/2005 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>02/08/19 07:59<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 14,450 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                           |
| Clean Up:            | WO#3052609                                                                                         |
| Control Zone:        | TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                                           |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/8/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | er Receiving Stream of Treatment Center                           |                                                       |                                          | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                          | OHIO RIVER                                                        |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3054007 | InitiatedInitiated By2/12/2019MITCHELL7:40:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>ED 01/03/2005 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 08:10<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 36,750 GAL                                                             |
|----------------------|------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                    |
| Clean Up:            | WO#3052609                                                             |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                         |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.   |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                              |                           |               | Water Qu                       | Water Quality Treatement Center       |                                |                                   | ving Strear                     | <b>Region</b><br>WEST                    |                                                       |                                          |                  |  |
|------------------------------------------------------------------|---------------------------|---------------|--------------------------------|---------------------------------------|--------------------------------|-----------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| KY0022411 MSD0278                                                |                           | MORRIS FORMAN |                                |                                       | OHIO R                         | VER                               |                                 |                                          |                                                       |                                          |                  |  |
| Facility Type                                                    | Facility Type Facility ID |               |                                | Facility Address If Pump Station, Nam |                                |                                   | e of Pump Statio                | n:                                       | Receiving Stream                                      | Discha                                   | Discharge to     |  |
| SMH Sewer Manhole                                                | 28336                     |               |                                | 9707 WILLOWW                          | /OOD WAY                       |                                   |                                 |                                          | CHENOWETH RUN                                         | DITCH                                    |                  |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3052320    | <u>Ref No</u> | <u>Initiated</u><br>02/07/2019 | <u>Initiated By</u><br>DAVIS BROWN    | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>08/30/2005 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/08/19 07:26<br>AM | <u>Condition</u> |  |

## Discharge Reporting:

| Discharge Amount:    | 46,725 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                           |
| Clean Up:            | WO#3052610                                                                                         |
| Control Zone:        | BARRICADES & TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/8/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream of                                            | Region                                                |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | S FORMAN                                           | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3054009 | InitiatedInitiated By2/12/2019MITCHELL7:55:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>08/30/2005 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 08:00<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 144,500 GAL                                                                      |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| Clean Up:            | WO#3052610                                                                       |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                   |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID         |                           |        | Water Qu      | Water Quality Treatement Center |                                           |              | ving Strea | <b>Region</b><br>WEST     |                 |                |                  |
|-----------------------------|---------------------------|--------|---------------|---------------------------------|-------------------------------------------|--------------|------------|---------------------------|-----------------|----------------|------------------|
| KY0022411 MSD0278           |                           |        | MORRIS FORMAN |                                 |                                           | OHIO RIVER   |            |                           |                 |                |                  |
| Facility Type               | Facility Type Facility ID |        |               | Facility Address                | Facility Address If Pump Station, Name of |              |            | e of Pump Station: Receiv |                 | Discharge to   |                  |
| SMH Sewer Manhole           | 28340                     |        |               | 3620 CHARLAN                    | IE PKY                                    |              |            | CHENOWETH RUN             | GROUND          |                |                  |
| Activity Code / Description | <u>WO #</u>               | Ref No | Initiated     | Initiated By                    | Assigned To                               | Disch Status | Event Date | Problem                   | Result          | Completed      | <b>Condition</b> |
| : DISREV: RAIN EVENT        | 3054000                   |        | 02/12/2019    | DAVIS BROWN                     | MITCHELL                                  | DOCUMENTED   | 01/03/2005 | LACK OF                   | UNAUTHORIZED    | 02/13/19 08:03 | MAIN             |
| DISCHARGE                   |                           |        |               |                                 |                                           |              |            | SYSTEM                    | DISCHARGE-WATER | AM             |                  |
|                             |                           |        |               |                                 |                                           |              |            | CAPACITY                  | S               |                |                  |

## Discharge Reporting:

| Discharge Amount:    | 28,700 GAL                                                             |
|----------------------|------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                    |
| Clean Up:            | WO#3054393                                                             |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                     |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                         |
| Public Notification: | PUBLIC NOTFIED THROUGH TEMP SIGNS AT DISCHARGE SITE.                   |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID         |                           |                 | Water Qu         | Water Quality Treatement Center |                      |                  | iving Strea | Region           |                |                  |  |
|-----------------------------|---------------------------|-----------------|------------------|---------------------------------|----------------------|------------------|-------------|------------------|----------------|------------------|--|
| <b>KY0022411</b> M          |                           | 78              | MORRIS F         | MORRIS FORMAN                   |                      |                  | OHIO RIVER  |                  |                | WEST             |  |
| Facility Type               | Facility Type Facility ID |                 | Facility Address | i                               | If Pump Station, Nam | e of Pump Statio | n:          | Receiving Stream | Discharge to   |                  |  |
| SMH Sewer Manhole           | 28413                     |                 | 3317 DELL RD     |                                 |                      |                  |             | CHENOWETH RUN    | GROUND         |                  |  |
| Activity Code / Description | <u>WO #</u> R             | ef No Initiated | Initiated By     | Assigned To                     | Disch Status         | Event Date       | Problem     | Result           | Completed      | <b>Condition</b> |  |
| : DISREV: RAIN EVENT        | 3054002                   | 02/12/2019      | DAVIS BROWN      | MITCHELL                        | DOCUMENTED           | 03/20/2002       | LACK OF     | UNAUTHORIZED     | 02/13/19 07:50 | MAIN             |  |
| DISCHARGE                   |                           |                 |                  |                                 |                      |                  | SYSTEM      | DISCHARGE-WATER  | AM             |                  |  |
|                             |                           |                 |                  |                                 |                      |                  | CAPACITY    | S                |                |                  |  |

## Discharge Reporting:

| Discharge Amount:    | 36,500 GAL                                                                       |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| Clean Up:            | WO#3054397                                                                       |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                   |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                           | Facility I | )          | Water Quality Treatement Center |             |                                        | Rece       | Receiving Stream of Treatment Center |                                 |                      | Region    |  |
|-----------------------------------|------------|------------|---------------------------------|-------------|----------------------------------------|------------|--------------------------------------|---------------------------------|----------------------|-----------|--|
| KY0022411                         | MSD0278    |            | MORRIS FO                       | ORMAN       |                                        | OHIO RIVER |                                      |                                 | WEST                 |           |  |
| Facility Type Facility ID         |            |            | Facility Address                |             | If Pump Station, Name of Pump Station: |            | Receiving Stream                     | Discharge to                    |                      |           |  |
| SMH Sewer Manhole                 | 28414      |            | 3400 DELL RD                    |             |                                        |            |                                      | CHENOWETH RUN                   | GROUND               |           |  |
| Activity Code / Description       | WO # Ref I |            | Initiated By                    | Assigned To | Disch Status                           | Event Date | Problem                              | <u>Result</u>                   | Completed            | Condition |  |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3054004    | 02/12/2019 | DAVIS BROWN                     | MITCHELL    | DOCUMENTED                             | 01/03/2005 | LACK OF<br>SYSTEM                    | UNAUTHORIZED<br>DISCHARGE-WATER | 02/13/19 07:45<br>AM | MAIN      |  |
|                                   |            |            |                                 |             |                                        |            | CAPACITY                             | S                               |                      |           |  |

## Discharge Reporting:

| Discharge Amount:    | 73,250 GAL                                                                       |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| Clean Up:            | WO#3054396                                                                       |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                   |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID            |               |                                | Water Quality Treatement Center |                                        |                                   | <b>Receiving Stream of Treatment Center</b> |                                     |                                                  | Region                                   |                  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|---------------------------------|----------------------------------------|-----------------------------------|---------------------------------------------|-------------------------------------|--------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278                |               |                                | MORRIS FO                       | ORMAN                                  | OHIO RIVER                        |                                             |                                     | WEST                                             |                                          |                  |
| Facility Type Facility ID                                        |                        |               | Facility Address               |                                 | If Pump Station, Name of Pump Station: |                                   |                                             | Receiving Stream                    | Discharge to                                     |                                          |                  |
| SMH Sewer Manhole                                                | 28415                  |               |                                | 3406 DELL RD                    |                                        |                                   |                                             |                                     | CHENOWETH RUN                                    | GROUND                                   |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3052313 | <u>Ref No</u> | <u>Initiated</u><br>02/07/2019 | Initiated By<br>DAVIS BROWN     | Assigned To<br>MITCHELL                | <u>Disch Status</u><br>DOCUMENTED | Event Date<br>12/19/2002                    | <u>Problem</u><br>LACK OF<br>SYSTEM | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER | <u>Completed</u><br>02/08/19 07:08<br>AM | <u>Condition</u> |
|                                                                  |                        |               |                                |                                 |                                        |                                   |                                             | CAPACITY                            | S                                                |                                          |                  |

## Discharge Reporting:

| Discharge Amount:    | 15,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                           |
| Clean Up:            | WO#3052607                                                                                         |
| Control Zone:        | BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                            |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/8/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                                     | Quality Treatement Center                          | Receiving Stream of                                              | Treatment Center                                      | Region                                   |                          |
|----------------------------------------------------------------|-------------------------------|-----------------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORR                                                      | S FORMAN                                           | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3054005 | Initiated Initiated By<br>2/12/2019 MITCHELL<br>7:25:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTEI | Event Date Problem<br>D 12/19/2002 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 07:44<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 36,475 GAL                                                                       |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| Clean Up:            | WO#3052607                                                                       |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                   |
| Public Notification: | PUBLIC NOTFILED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                        | Receiving Stream of | f Treatment Center                                    | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                         | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056254 | InitiatedInitiated By2/20/2019MITCHELL6:10:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 12:38<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 19,400 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3056954                                                                                         |
| Control Zone:        | BARRICADES AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                               |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID            |                                  |                                | Water Qu                           | Water Quality Treatement Center Receiving Str |                                   |                                 | iving Strea        | m of Treatment Center         | Regio                       | Region           |  |
|-----------------------------|------------------------|----------------------------------|--------------------------------|------------------------------------|-----------------------------------------------|-----------------------------------|---------------------------------|--------------------|-------------------------------|-----------------------------|------------------|--|
| KY0022411                   | MSD                    | MSD0278 MORRIS FORMAN OHIO RIVER |                                |                                    | WEST                                          |                                   |                                 |                    |                               |                             |                  |  |
| Facility Type               | Facili                 | ity ID                           |                                | Facility Address                   |                                               | If Pump Station, Nam              | e of Pump Statio                | n:                 | Receiving Stream              | Discha                      | rge to           |  |
| SMH Sewer Manhole           | 2845                   | 1                                |                                | 3406 CHARLAN                       | E PKY                                         |                                   |                                 |                    | CHENOWETH RUN                 | GF                          | ROUND            |  |
| Activity Code / Description | <u>WO #</u><br>3052315 | <u>Ref No</u>                    | <u>Initiated</u><br>02/07/2019 | <u>Initiated By</u><br>DAVIS BROWN | Assigned To<br>MITCHELL                       | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>10/28/2015 | Problem<br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/08/19 07:20 | <u>Condition</u> |  |
| DISCHARGE                   |                        |                                  |                                |                                    |                                               |                                   |                                 | SYSTEM<br>CAPACITY | DISCHARGE-WATER<br>S          | AM                          |                  |  |

#### Discharge Reporting:

| Discharge Amount:    | 15,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                           |
| Clean Up:            | WO#3052608                                                                                         |
| Control Zone:        | BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                            |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/8/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3053292 | InitiatedInitiated By2/11/2019MITCHELL1:40:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>10/28/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 08:15<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 63,875 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3052608                                                                                         |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.            |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | Receiving Stream of                                              | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                          | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056259 | InitiatedInitiated By2/20/2019MITCHELL6:20:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 10/28/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 01:10<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 10,250 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3056949                                                                                         |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                             |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Fa                     | Facility IDWater Quality Treatement CenterReceiving Stream of TreatmentMSD0278MORRIS FORMANOHIO RIVER |                                | ality Treatem               | ent Center                     | Recei                             | iving Strea                     | m of Treatment Center                    | Region                                                |                                          |                  |
|------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MS                     |                                                                                                       |                                |                             | WEST                           |                                   |                                 |                                          |                                                       |                                          |                  |
| Facility Type                                                    | Fac                    | ility ID                                                                                              |                                | Facility Address            |                                | If Pump Station, Nam              | ne of Pump Statio               | on:                                      | Receiving Stream                                      | Discha                                   | rge to           |
| SMH Sewer Manhole                                                | 284                    | 53                                                                                                    |                                | 3402 CHARLAN                | E PKY                          |                                   |                                 |                                          | CHENOWETH RUN                                         | C                                        | DITCH            |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3052321 | <u>Ref No</u>                                                                                         | <u>Initiated</u><br>02/07/2019 | Initiated By<br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>10/28/2015 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/08/19 07:10<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 28,950 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                           |
| Clean Up:            | WO#3052612                                                                                         |
| Control Zone:        | BARRICADES & TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/8/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                           | Quality Treatement Center                         | Receiving Stream o                                               | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRI                                           | S FORMAN                                          | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3052908 | InitiatedInitiated By2/11/2019MITCHELL8:41:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 10/28/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 07:55<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 70,850 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3052612                                                                                         |
| Control Zone:        | CAUTION TAPE & TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                            |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                                     | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                                    | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056256 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>6:15:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>10/28/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 12:38<br>PM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 19,400 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3056936                                                                                         |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                             |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream of                                            | Region                                                |                                          |                  |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | S FORMAN                                           | OHIO RIVER                                                     |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3057521 | InitiatedInitiated By2/23/2019MITCHELL7:59:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>10/28/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/24/19 08:25<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 18,750 GAL                                                                                       |
|----------------------|--------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                              |
| Clean Up:            | WO#3056936                                                                                       |
| Control Zone:        | SECURED IMPACTED AREA WITH BARRICADE AND DISCHARGE SIGNS.                                        |
| Impact:              | MANHOLE DISCHARGING.                                                                             |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                       |
| Public Notification: | PUBLIC NOTIFICAITON MADE THROUGH DOOR CARDS & TEMP DISCHARGE SIGNS POSTED AT THE DISCHARGE SITE. |

| 2/24/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                          | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                         | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3065427 | InitiatedInitiated By3/9/2019MITCHELL8:08:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>10/28/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/10/19 07:10<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 16,550 GAL                                                                                                    |
|----------------------|---------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                          |
| Clean Up:            | WO#3065474                                                                                                    |
| Control Zone:        | TEMPORARY DISCHARGE SIGN AND BARRICADE PLACED AROUND THE IMPACTED AREA.                                       |
| Impact:              | MANHOLE DISCHARGING.                                                                                          |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                |
| Public Notification: | PUBLIC NOTFILED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | PDES # Facility ID                   |                                |                                     | Water Quality Treatement Center |                                   |                                 | iving Stream                                    | Region                                                |                                          |                          |  |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|-------------------------------------|---------------------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411                                                        |                                      |                                | MORRIS F                            | MORRIS FORMAN                   |                                   |                                 | OHIO RIVER                                      |                                                       |                                          | WEST                     |  |
| Facility Type                                                    |                                      |                                | Facility Address If Pump Station, I |                                 |                                   | tation, Name of Pump Station:   |                                                 | Receiving Stream                                      | Discharge to                             |                          |  |
| SMH Sewer Manhole                                                | 28711                                |                                | 9514 TAYLORS                        | 9514 TAYLORSVILLE RD            |                                   |                                 |                                                 | BEATTY BROOK                                          | C                                        | DITCH                    |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3054001 | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN  | <u>Assigned To</u><br>MITCHELL  | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>09/24/2018 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 08:30<br>AM | <u>Condition</u><br>MAIN |  |

### Discharge Reporting:

| Discharge Amount:    | 36,475 GAL                                                             |
|----------------------|------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                    |
| Clean Up:            | WO#3054399                                                             |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                         |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.   |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   | Water Qu                       | Water Quality Treatement Center    |                             |                      | <b>Receiving Stream of Treatment Center</b> |                                         |                                                   | Region                            |                          |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|------------------------------------|-----------------------------|----------------------|---------------------------------------------|-----------------------------------------|---------------------------------------------------|-----------------------------------|--------------------------|--|
| KY0098540                                                        | MSD0289                       |                                | CEDAR CREEK                        |                             | CEDAR                | CEDAR CREEK                                 |                                         |                                                   | CENT                              |                          |  |
| Facility Type<br>SMH Sewer Manhole                               | Facility ID<br>29261          |                                | Facility Address<br>2360 AMPERE DR |                             | If Pump Station, Nar | If Pump Station, Name of Pump Station:      |                                         | Receiving Stream                                  |                                   | Discharge to             |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3071772 | <u>Initiated</u><br>03/25/2019 | <u>Initiated By</u><br>YARBROUGH   | <u>Assigned To</u><br>BIVIN | <u>Disch Status</u>  | Event Date                                  | <u>Problem</u><br>STRUCTURAL<br>FAILURE | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | Completed<br>03/25/19 04:00<br>PM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| Discharge Amount:    | 15 GAL                                                   |
|----------------------|----------------------------------------------------------|
| Cause:               | STRUCTURAL ISSUES IN SANITARY MAIN                       |
| Clean Up:            | TREATED CONTAMINATED AREA WITH LIME. BAGGED SOLIDS       |
| Control Zone:        | PLACED DISCHARGE SIGNS TO ADVISE PUBLIC OF IMPACTED AREA |
| Impact:              | SOLIDS AROUND DISCHARGING MANHOLE                        |
| Repair:              | CREW DUG DOWN AND MADE REPAIRS                           |
| Public Notification: | SIGNS PLACED                                             |



| KPDES #                                                          | Facility ID                          |                                |                                 | Water Quality Treatement Center |                                                                          |                                 | ving Stream                          | Regio                                                 | Region                                   |                  |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|---------------------------------|---------------------------------|--------------------------------------------------------------------------|---------------------------------|--------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278                              |                                | MORRIS                          | MORRIS FORMAN                   |                                                                          |                                 | /ER                                  | WEST                                                  | WEST                                     |                  |
| Facility Type                                                    | Facility ID                          |                                | Facility Address                |                                 | If Pump Station, Name of Pump Station:                                   |                                 | 1:                                   | Receiving Stream                                      | Discharge to                             |                  |
| SMH Sewer Manhole                                                | 30213                                |                                | 1677 STORY AVE                  |                                 |                                                                          |                                 |                                      | SOUTH FORK BEARGRASS C                                | REEK CAT                                 | CH BASIN         |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3058612 | <u>Initiated</u><br>02/24/2019 | <u>Initiated By</u><br>MORRISON | <u>Assigned To</u><br>LINTON    | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/24/2019 | <u>Problem</u><br>PUMPED<br>OVERFLOW | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/01/19 06:09<br>AM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 10,000 GAL                                                                                              |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Cause:               | THE BEARGRASS CREEK FLOOD PUMP STATION WAS IN SERVICE AND GATE 6 WAS CLOSED.                            |
| Clean Up:            | NONE REQUIRED. FLOW MADE IT TO THE WETWELL OF BEARGRASS FLOOD PUMP STATION AND WAS PUMPED TO THE RIVER. |
| Control Zone:        | WATER WAS BEING PUMPED TO THE BEARGRASS CREEK FLOOD PUMP STATION WETWELL.                               |
| Impact:              | WATER WAS BEING PUMPED TO THE BEARGRASS CREEK FLOOD PUMP STATION WETWELL.                               |
| Repair:              | WE WILL OPEN GATE 6 WHEN THE RIVER RECEDES TO 24.6 AND ALLOW FLOW TO TRAVEL ON TO THE TREATMENT PLANT.  |
| Public Notification: | MSD ADVISED CUSTOMERS. PERMANENT OVERFLOW ADVISORY SIGNS ARE POSTED ALONG STREAM.                       |

| 2/27/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/27/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                   | KPDES #   Facility ID |            |                  | Water Quality Treatement Center<br>MORRIS FORMAN |                                        |            | <b>Receiving Stream of Treatment Center</b> |                         |                |                  |  |
|-----------------------------------------------------------|-----------------------|------------|------------------|--------------------------------------------------|----------------------------------------|------------|---------------------------------------------|-------------------------|----------------|------------------|--|
| KY0022411     MSD0278       Facility Type     Facility ID |                       | MORRIS F   | OHIO RIVER       |                                                  |                                        |            | WEST                                        |                         |                |                  |  |
|                                                           |                       |            | Facility Address | ;                                                | If Pump Station, Name of Pump Station: |            |                                             | Receiving Stream        | Discha         | Discharge to     |  |
| SMH Sewer Manhole                                         | 40471                 |            | 1552 CHEROKE     | EE RD                                            |                                        |            |                                             | MIDDLE FORK BEARGRASS C | REEK GF        | GROUND           |  |
| Activity Code / Description                               | WO # Ref No           | Initiated  | Initiated By     | Assigned To                                      | Disch Status                           | Event Date | Problem                                     | Result                  | Completed      | <b>Condition</b> |  |
| : DISREV: RAIN EVENT                                      | 3053670               | 02/12/2019 | DAVIS BROWN      | MITCHELL                                         | DOCUMENTED                             | 07/18/2015 | LACK OF                                     | UNAUTHORIZED            | 02/12/19 03:28 | MAIN             |  |
| DISCHARGE                                                 |                       |            |                  |                                                  |                                        |            | SYSTEM                                      | DISCHARGE-WATER         | PM             |                  |  |
|                                                           |                       |            |                  |                                                  |                                        |            | CAPACITY                                    | S                       |                |                  |  |

### Discharge Reporting:

| Discharge Amount:    | 30,000 GAL                                              |
|----------------------|---------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                     |
| Clean Up:            | WO#354403                                               |
| Control Zone:        | BARRICADES AND TEMP SIGNS PLACED AROUND DISCHARGE SITE. |
| Impact:              | MANHOLE DISCHARGING.                                    |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                          |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE.   |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID      |            | Water C               | Water Quality Treatement Center |                                        |            | ving Strea             | Regio           | Region         |           |  |
|-----------------------------|------------------|------------|-----------------------|---------------------------------|----------------------------------------|------------|------------------------|-----------------|----------------|-----------|--|
| KY0022411                   | Y0022411 MSD0278 |            | MORRIS FORMAN         |                                 |                                        | OHIO RIVER |                        |                 |                | WEST      |  |
| Facility Type Facility ID   |                  |            | Facility Address      |                                 | If Pump Station, Name of Pump Station: |            | Receiving Stream       | Discharge to    |                |           |  |
| SMH Sewer Manhole           | 40871            |            | 2120 INDIAN HILLS TRL |                                 |                                        |            | MUDDY FORK BEARGRASS C | REEK [          | DITCH          |           |  |
| Activity Code / Description | WO # Ref No      | Initiated  | Initiated By          | Assigned To                     | Disch Status                           | Event Date | Problem                | <u>Result</u>   | Completed      | Condition |  |
| : DISREV: RAIN EVENT        | 3065415          | 03/09/2019 | GOODWIN               | BRAZEL                          | DOCUMENTED                             | 03/09/2019 | LACK OF                | UNAUTHORIZED    | 03/09/19 09:09 |           |  |
| DISCHARGE                   |                  |            |                       |                                 |                                        |            | SYSTEM                 | DISCHARGE-WATER | PM             |           |  |
|                             |                  |            |                       |                                 |                                        |            | CAPACITY               | S               |                |           |  |

### Discharge Reporting:

| Discharge Amount:    | 1,250 GAL                                          |
|----------------------|----------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN                |
| Clean Up:            | CLEANED AND SANITIZED IMPACTED AREA.               |
| Control Zone:        | PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS. |
| Impact:              | SEWAGE FOUND AROUND MANHOLE.                       |
| Repair:              | A SOLUTION CAN BE FOUND IN THE IOAP.               |
| Public Notification: | PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS. |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                                                          | Facility ID                   |                                | Water Q                               | Water Quality Treatement Center |                                                 |                                 | ving Stream of 1                           | Region                                         |                                          |                        |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------------|---------------------------------|-------------------------------------------------|---------------------------------|--------------------------------------------|------------------------------------------------|------------------------------------------|------------------------|--|
| KY0102784                                                        | MSD0294                       |                                | FLOYDS FORK                           |                                 |                                                 | FLOYDS                          | FORK                                       | EAST                                           |                                          |                        |  |
| Facility Type SMN Sewer Main                                     | Facility ID<br>Main 41354B-V  |                                | Facility Address 11926 CREEL LODGE DR |                                 | If Pump Station, Name of Pump Station:          |                                 |                                            | Receiving Stream<br>GOOSE CREEK                |                                          | Discharge to<br>GROUND |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3072045 | <u>Initiated</u><br>03/26/2019 | <u>Initiated By</u><br>DODDS          | <u>Assigned To</u><br>DODDS     | Disch Status<br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>03/27/2019 | Problem<br>UTILITY<br>DAMAGED MSD<br>ASSET | Result<br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/27/19 02:00<br>PM | <u>Condition</u>       |  |

#### Discharge Reporting:

| Discharge Amount:    | 12,375 GAL                                                                                     |
|----------------------|------------------------------------------------------------------------------------------------|
| Cause:               | FORCE MAIN BREAK CAUSED BY COMMUNICATIONS BORE THROUGH MAIN.                                   |
| Clean Up:            | MSD CONTRACTOR WILL CLEAN AND SANITIZE IMPACTED AREA.                                          |
| Control Zone:        | PLACED TEMPORARY SIGNS, CONES, BARRICADES AROUND THE IMPACTED AREA.                            |
| Impact:              | SEWAGE OBSERVED ON THE GROUND.                                                                 |
| Repair:              | MSD CONTRACTOR REPAIRED FORCE MAIN.                                                            |
| Public Notification: | ADVISED BY WEBSITE UPDATE, ALL POSSIBLE IMPACTED PROPERTIES IN THE SURROUNDING AREA IN PERSON. |

| 3/26/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/26/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES #                                             | Facility ID                          | Water Qu                       | Water Quality Treatement Center |                         |                                        | <b>Receiving Stream of Treatment Center</b><br>OHIO RIVER |                           |                               |                             |                          |  |
|-----------------------------------------------------|--------------------------------------|--------------------------------|---------------------------------|-------------------------|----------------------------------------|-----------------------------------------------------------|---------------------------|-------------------------------|-----------------------------|--------------------------|--|
| KY0022411                                           | Y0022411 MSD0278                     |                                | MORRIS FORMAN                   |                         |                                        |                                                           |                           |                               |                             | OHIO RIV                 |  |
| Facility Type Facility ID                           |                                      |                                | Facility Address                |                         | If Pump Station, Name of Pump Station: |                                                           |                           | Receiving Stream              | Discha                      | Discharge to             |  |
| SMH Sewer Manhole                                   | 41374                                |                                | 300 MOCKINGBIRD VALLEY RD       |                         |                                        |                                                           | MUDDY FORK BEARGRASS C    |                               |                             | CREEK DITCH              |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT | <u>WO #</u> <u>Ref No</u><br>3053698 | <u>Initiated</u><br>02/12/2019 | Initiated By<br>DAVIS BROWN     | Assigned To<br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED      | <u>Event Date</u><br>03/27/2008                           | <u>Problem</u><br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/13/19 07:20 | <u>Condition</u><br>MAIN |  |
| DISCHARGE                                           |                                      |                                |                                 |                         |                                        |                                                           | SYSTEM<br>CAPACITY        | DISCHARGE-WATER<br>S          | AM                          |                          |  |

### Discharge Reporting:

| Discharge Amount:    | 34,500 GAL                                                                        |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | NO CLEAN UP PERFORMED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.                    |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED NO PUBLIC ACCESS TO THE DISCHARGE SITE.          |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID         |                    |            | Water C      | Water Quality Treatement Center           |                   |            | iving Stream o                    | Region          |                |              |  |
|-----------------------------|--------------------|------------|--------------|-------------------------------------------|-------------------|------------|-----------------------------------|-----------------|----------------|--------------|--|
| KY0078956 MSD0277           |                    |            | DEREK F      | DEREK R. GUTHRIE                          |                   |            | OHIO RIVER                        |                 |                | WEST         |  |
| Facility Type               | y Type Facility ID |            |              | Facility Address If Pump Station, Name of |                   |            | of Pump Station: Receiving Stream |                 |                | Discharge to |  |
| SMH Sewer Manhole           | 41547              |            | 4500 AMERIV  | /AN CT                                    |                   |            | FEI                               | RN CREEK        | DITCH          |              |  |
| Activity Code / Description | WO # Ref No        | Initiated  | Initiated By | Assigned To                               | Disch Status      | Event Date | Problem                           | Result          | Completed      | Condition    |  |
| : DISDW: DRY WEATHER        | 3055047            | 02/15/2019 | BIVIN        | BIVIN                                     | <b>REPAIRED</b> - | 02/15/2019 | GREASE                            | UNAUTHORIZED    | 02/15/19 02:20 | MAIN         |  |
| DISCHARGE                   |                    |            |              |                                           | ISSUE             |            | BLOCKAGE                          | DISCHARGE-WATER | PM             |              |  |
|                             |                    |            |              |                                           | RESOLVED          |            |                                   | S               |                |              |  |

#### Discharge Reporting:

| Discharge Amount:    | 100 GAL                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| Cause:               | GREASE BLOCKAGE IN THE MAIN SEWER GREASE.                                                                   |
| Clean Up:            | MSD CLEANED AREA                                                                                            |
| Control Zone:        | MSD ADVISED CUSTOMER TO AVOID SEWAGE.                                                                       |
| Impact:              | OBSERVED DISCHARGE FROM MH# 41547 MOST DISCHARGE WAS IN THE FIELD IN REAR SOME DISCHARGE IN THE STORM LINE. |
| Repair:              | CUT LINE.                                                                                                   |
| Public Notification: | DISCHARGE SIGN AND ON SITE.                                                                                 |

| 2 | 2/16/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|---|-----------------|--------|------------------------------------------------------------------------------------------|
|   |                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES # Facility ID               |                       |            | Water Qu         | Water Quality Treatement Center             |              |            | iving Strea                   | Region                               |                      |           |
|-----------------------------------|-----------------------|------------|------------------|---------------------------------------------|--------------|------------|-------------------------------|--------------------------------------|----------------------|-----------|
| <b>KY0022411</b> MSD0278          |                       |            | MORRIS F         | MORRIS FORMAN                               |              |            | IVER                          |                                      | WEST                 |           |
| Facility Type                     | lity Type Facility ID |            | Facility Address | Facility Address If Pump Station, Name of F |              |            | of Pump Station: Receive      |                                      | eiving Stream Discha |           |
| SMH Sewer Manhole                 | 43726                 |            | 1108 DUPONT      | 1108 DUPONT CIR                             |              |            |                               | WEICHER CREEK                        | GF                   | ROUND     |
| Activity Code / Description       | WO # Ref              |            | Initiated By     | Assigned To                                 | Disch Status | Event Date | Problem                       | Result                               | Completed            | Condition |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3053705               | 02/12/2019 | DAVIS BROWN      | MITCHELL                                    | DOCUMENTED   | 12/27/2015 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/16/19 09:07<br>AM | MAIN      |

### Discharge Reporting:

| Discharge Amount:    | 69,000 GAL                                                                |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                       |
| Clean Up:            | WO#3054424                                                                |
| Control Zone:        | BARRICADES CAUTION TAPE & TEMP SIGNS PLACED AROUND DISCHARGE SITE.        |
| Impact:              | MANHOLE DISCHARGING.                                                      |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                            |
| Public Notification: | PUBLIC NOTIFIED TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          |                        |               |                                | Water Qu                    | Water Quality Treatement Center<br>MORRIS FORMAN |                            |                                 | iving Strea                         | Regio                                            | on                                |                  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|-----------------------------|--------------------------------------------------|----------------------------|---------------------------------|-------------------------------------|--------------------------------------------------|-----------------------------------|------------------|
| KY0022411                                                        |                        |               |                                | MORRIS FO                   |                                                  |                            |                                 | IVER                                | WEST                                             | WEST                              |                  |
| Facility Type                                                    | ility Type Facility ID |               | Facility Address               |                             | If Pump Station, Name                            | e of Pump Statio           | n:                              | Receiving Stream                    | Discha                                           | Discharge to                      |                  |
| SMH Sewer Manhole                                                | 45796                  |               |                                | 1011 ALTA CIR               |                                                  |                            |                                 | MIDDLE FORK BEARGRASS C             | REEK [                                           | DITCH                             |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3040342 | <u>Ref No</u> | <u>Initiated</u><br>01/23/2019 | Initiated By<br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL                   | Disch Status<br>DOCUMENTED | <u>Event Date</u><br>05/10/2014 | <u>Problem</u><br>LACK OF<br>SYSTEM | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER | Completed<br>01/24/19 05:20<br>AM | <u>Condition</u> |
| DIOUIAILOL                                                       |                        |               |                                |                             |                                                  |                            |                                 | CAPACITY                            | S                                                |                                   |                  |

#### Discharge Reporting:

| Discharge Amount:    | 142,500 GAL                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN.                                                  |
| Clean Up:            | WO#3040688                                                                                  |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                  |
| Impact:              | MANHOLE DISCHARGING.                                                                        |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                              |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMPORARYAND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 1/23/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 1/23/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Wate                          | r Quality Treatement Co                                                | enter         | Receiv                     | ing Stream of                   | Region                                          |                                                       |                                          |                  |
|----------------------------------------------------------------|-------------------------------|------------------------------------------------------------------------|---------------|----------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORF                                                                   | MORRIS FORMAN |                            |                                 | OHIO RIVER                                      |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3052109 | <u>Initiated</u> <u>Initiated By</u><br>2/7/2019 MITCHELL<br>9:46:00AM |               | Disch Status<br>DOCUMENTED | <u>Event Date</u><br>05/10/2014 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/09/19 08:15<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 837,000 GAL                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                       |
| Clean Up:            | WO#3052401                                                                                                     |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS.        |
| Impact:              | MANHOLE DISCHARGING.                                                                                           |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                 |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                        | Receiving Stream of | of Treatment Center                                   | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                         | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056283 | InitiatedInitiated By2/20/2019MITCHELL8:12:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/22/19 05:25<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 9,000,000 GAL                                                                       |
|----------------------|-------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                 |
| Clean Up:            | WO#3052394                                                                          |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE. |
| Impact:              | MANHOLE DISCHARGING.                                                                |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                          |
| Public Notification: | PUBLIC NOTFILED THROUGH PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT.      |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | Receiving Stream of | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                          | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3057562 | InitiatedInitiated By2/23/2019MITCHELL8:12:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTI |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/25/19 05:50<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 402,000 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3057816                                                                                                      |
| Control Zone:        | BARRICADES AND TEMP SIGNS POSTED AROUND THE IMPACTED AREA.                                                      |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/24/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES #                                                        | Facility ID                          | Water                                          | Quality Treatement Center                        | Receiving Stream o | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------|--------------------------------------------------|--------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                         | S FORMAN                                         | OHIO RIVER         |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3065424 | InitiatedInitiated By3/9/2019MITCHELL6:45:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                    | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/10/19 09:40<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 180,000 GAL                                                                                                    |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                           |
| Clean Up:            | WO#3065471                                                                                                     |
| Control Zone:        | 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 PERMANENT SIGNS ALONG THE CREEK TO AVOID CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                   | Facility ID |            | Water Qu           | Water Quality Treatement Center Re                   |              | Recei      | Receiving Stream of Treatment Center |                         |                  | Region    |  |
|-----------------------------------------------------------|-------------|------------|--------------------|------------------------------------------------------|--------------|------------|--------------------------------------|-------------------------|------------------|-----------|--|
| KY0022411     MSD0278       Facility Type     Facility ID |             | MORRIS F   | MORRIS FORMAN      |                                                      | OHIO RIVER   |            |                                      | WEST                    |                  |           |  |
|                                                           |             |            | Facility Address   | acility Address If Pump Station, Name of Pump Statio |              | n:         | Receiving Stream                     |                         | Discharge to     |           |  |
| SMH Sewer Manhole                                         | 45835       |            | 1132 ROSTREVOR CIR |                                                      |              |            |                                      | MIDDLE FORK BEARGRASS C | REEK GF          | ROUND     |  |
| Activity Code / Description                               | WO # Ref No | Initiated  | Initiated By       | Assigned To                                          | Disch Status | Event Date | Problem                              | Result                  | <b>Completed</b> | Condition |  |
| : DISREV: RAIN EVENT                                      | 3054019     | 02/12/2019 | DAVIS BROWN        | MITCHELL                                             | DOCUMENTED   | 09/02/2003 | LACK OF                              | UNAUTHORIZED            | 02/15/19 05:45   | MAIN      |  |
| DISCHARGE                                                 |             |            |                    |                                                      |              |            | SYSTEM                               | DISCHARGE-WATER         | AM               |           |  |
|                                                           |             |            |                    |                                                      |              |            | CAPACITY                             | S                       |                  |           |  |

### Discharge Reporting:

| Discharge Amount:    | 281,250 GAL                                                                      |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| Clean Up:            | WO#3054978                                                                       |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                   |
| Public Notification: | PUBLIC NOTFILED THROUGH DOOR HANGERS & TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                                     | Quality Treatement Center                      | Receiving Stream of | of Treatment Center                                   | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORR                                                      | IS FORMAN                                      | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056281 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>7:55:00AM | Assigned To Disch State<br>DAVIS BROWN DOCUMEN |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/22/19 05:19<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 204,750 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3054978                                                                                                      |
| 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 NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                    | Receiving Stream | of Treatment Center                                   | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------|------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                     | OHIO RIVER       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3057560 | InitiatedInitiated By2/23/2019MITCHELL8:08:00PM | Assigned To Disch Star<br>DAVIS BROWN DOCUME |                  | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/25/19 05:45<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 100,500 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3054978                                                                                                      |
| Control Zone:        | CAUTION TAPE, BARRICADES AND TEMP SIGNS POSTED AROUND THE IMPACTED AREA.                                        |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Wa                                        | ter Quality Treatement | t Center                          | Receiv                          | ving Stream of                                  | Treatment Center                                      | Region                                   | I                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------|------------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | МО                                        | RRIS FORMAN            |                                   | OHIO RIV                        | ′ER                                             |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3065423 | InitiatedInitiated3/9/2019MITCHE6:30:00PM |                        | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>09/02/2003 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/10/19 09:30<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 22,500 GAL                                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                           |
| Clean Up:            | WO#3065469                                                                                                     |
| Control Zone:        | 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 PERMANENT SIGNS ALONG THE CREEK TO AVOID CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #<br>KY0022411                                             | Facility ID<br>MSD0278              |               |                                  |                           |                                        |                     |                   | <b>Receiving Stream of Treatment Center</b><br>OHIO RIVER |                                                   |                                          | Region<br>WEST    |  |
|------------------------------------------------------------------|-------------------------------------|---------------|----------------------------------|---------------------------|----------------------------------------|---------------------|-------------------|-----------------------------------------------------------|---------------------------------------------------|------------------------------------------|-------------------|--|
| Facility Type<br>SMH Sewer Manhole                               | Facility ID       Manhole     46237 |               | Facility Address 1 AUTOCENTER DR |                           | If Pump Station, Name of Pump Station: |                     | ı: F              | Receiving Stream                                          |                                                   | Discharge to                             |                   |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3064870              | <u>Ref No</u> | <u>Initiated</u><br>03/07/2019   | Initiated By<br>YARBROUGH | <u>Assigned To</u><br>YARBROUGH        | <u>Disch Status</u> | <u>Event Date</u> | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS          | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | <u>Completed</u><br>03/07/19 05:30<br>PM | Condition<br>MAIN |  |

### Discharge Reporting:

| Discharge Amount:    | 15 GAL                                                                    |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | OBSTRUCTION IN THE MAIN                                                   |
| Clean Up:            | NONE AT THIS TIME UNTIL DISCHARGE IS STOPPED, MITIGATING FLOW TO ONE AREA |
| Control Zone:        | SIGNS PLACED FOR PUBLIC NOTIFICATION                                      |
| Impact:              | FLOW EXITING MANBOLE ONTO ISLAND AT INTERSECTION                          |
| Repair:              | FLUSHING TO CLEAR OBSTRUCTION IN SANITARY MAIN                            |
| Public Notification: | ON SITE                                                                   |



| KPDES #                                             | Faci                   | lity ID                          |                                | Water Qu                           | ality Treatem           | ent Center Receiving Stream of Treatment Cente |                          |                           | m of Treatment Center         | r Region                    |           |
|-----------------------------------------------------|------------------------|----------------------------------|--------------------------------|------------------------------------|-------------------------|------------------------------------------------|--------------------------|---------------------------|-------------------------------|-----------------------------|-----------|
| KY0022411                                           | MSDO                   | MSD0278 MORRIS FORMAN OHIO RIVER |                                | OHIO RIVER                         |                         | WEST                                           |                          |                           |                               |                             |           |
| Facility Type                                       | Facili                 | ty ID                            |                                | Facility Address                   |                         | If Pump Station, Name                          | e of Pump Statio         | n:                        | Receiving Stream              | Disch                       | arge to   |
| SMH Sewer Manhole                                   | 46623                  | 3                                |                                | 4801 CASSIA C                      | Т                       |                                                |                          |                           | MUDDY FORK BEARGRASS C        | REEK S                      | TREAM     |
| Activity Code / Description<br>: DISREV: RAIN EVENT | <u>WO #</u><br>3052151 | <u>Ref No</u>                    | <u>Initiated</u><br>02/07/2019 | <u>Initiated By</u><br>DAVIS BROWN | Assigned To<br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED              | Event Date<br>04/03/2015 | <u>Problem</u><br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/08/19 06:23 | Condition |
| DISCHARGE                                           |                        |                                  |                                |                                    |                         |                                                |                          | SYSTEM<br>CAPACITY        | DISCHARGE-WATER<br>S          | AM                          |           |

### Discharge Reporting:

| Discharge Amount:    | 72,000 GAL                                                                              |
|----------------------|-----------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                |
| Clean Up:            | WO#3052384                                                                              |
| Control Zone:        | BARRICADE AND TEMP SIGNS PLACED AROUND IMPACTED AREA.                                   |
| Impact:              | MANHOLE DISCHARGING.                                                                    |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                              |
| Public Notification: | PUBLIC NOTIFICATION MADE THROUGH TEMP DISCHARGE SIGNS POSTED AROUND THE DISCHARGE SITE. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                               | Water                                           | Quality Treatement Center                         | Receiving Stream o                                               | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRI                                           | S FORMAN                                          | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053285 | InitiatedInitiated By2/11/2019MITCHELL2:50:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 04/03/2015 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/14/19 06:21<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 157,500 GAL                                                                                            |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                    |
| Clean Up:            | WO#3054669                                                                                             |
| Control Zone:        | BARRICADE AND TEMP SIGNS PLACED AROUND IMPACTED AREA.                                                  |
| Impact:              | MANHOLE DISCHARGING.                                                                                   |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFICATION MADE THROUGH DOOR CARDS AND TEMP DISCHARGE SIGNS POSTED AROUND THE DISCHARGE SITE. |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                                      | Water G                                          | auality Treatement Center                 | Receivi   | ing Stream of T                                 | Region                                                |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|--------------------------------------------------|-------------------------------------------|-----------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                           | FORMAN                                    | OHIO RIVE | ER                                              |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056345 | InitiatedInitiated By2/20/2019MITCHELL11:27:00AM | Assigned To Disch Si<br>DAVIS BROWN DOCUM |           | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/21/19 06:40<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 28,775 GAL                                                                                                       |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                              |
| Clean Up:            | WO#3056338                                                                                                       |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                           |
| Impact:              | MANHOLE DISCHARGING.                                                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                   |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR CARDS, TEMP SIGN AT DISCHARGE SITE & PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG |
|                      | THE CREEK, TO AVOID CONTACT WITH DISCHARGED CONTENT.                                                             |

| 2 | 2/21/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|---|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2 | 2/21/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   | Facility ID Water Quality Treaten |                                                 |                                                                   | ent Center Receiving Stream of Treatment Center |                                                 |                                                       |                                          | Region                   |  |
|------------------------------------------------------------------|-------------------------------|-----------------------------------|-------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411                                                        | MSD0278                       |                                   | MORRIS FORMAN                                   | MORRIS FORMAN                                                     |                                                 | OHIO RIVER                                      |                                                       |                                          | WEST                     |  |
| Facility Type Facility ID                                        |                               | Facility Address                  | ne of Pump Statio                               | ump Station: Receiving Stream                                     |                                                 |                                                 | Discharge to                                          |                                          |                          |  |
| SMH Sewer Manhole                                                | 46627                         |                                   | 1910 CHARBDIN PL                                |                                                                   |                                                 |                                                 | MUDDY FORK BEARGRASS C                                | REEK S                                   | TREAM                    |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3054024 | <u>Initiated</u><br>02/12/2019    | Initiated By Assigned T<br>DAVIS BROWN MITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019                 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 06:52<br>AM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| Discharge Amount:    | 21,000 GAL                                                        |
|----------------------|-------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                               |
| Clean Up:            | WO#3054419                                                        |
| Control Zone:        | BARRICADE & TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| Impact:              | MANHOLE DISCHARGING.                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                    |
| Public Notification: | PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE.             |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                          |                                | Water Qu                    | ality Treatem                  | ent Center                        | Rece                            | iving Strea                              | m of Treatment Center                                 | Regio                                    | on               |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278                              |                                | MORRIS FO                   | ORMAN                          |                                   | OHIO R                          | IVER                                     |                                                       | WEST                                     |                  |
| Facility Type                                                    | Facility ID                          |                                | Facility Address            | i                              | If Pump Station, Nam              | e of Pump Statio                | n:                                       | Receiving Stream                                      | Discha                                   | irge to          |
| SMH Sewer Manhole                                                | 47582                                |                                | 201 BULLITT LN              | ١                              |                                   |                                 |                                          | MIDDLE FORK BEARGRASS C                               | REEK S                                   | TREAM            |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052123 | <u>Initiated</u><br>02/07/2019 | Initiated By<br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>12/05/2011 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/08/19 05:50<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 138,000 GAL                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                                           |
| Clean Up:            | WO#3052382                                                                                                                         |
| Control Zone:        | IMPACTED AREA SECURED WITH TEMP SIGNS.                                                                                             |
| Impact:              | MANHOLE DISCHARGING.                                                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water (                                          | Quality Treatement Center                          | Receiving Stream of                                            | Treatment Center                                      | Regior                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|--------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                           | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052998 | InitiatedInitiated By2/11/2019MITCHELL10:15:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>12/05/2011 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 05:40<br>AM | <u>Condition</u><br>MAIN |

### Discharge Reporting:

| Discharge Amount:    | 480,000 GAL                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                              |
| Clean Up:            | WO#3052382                                                                                                       |
| Control Zone:        | CAUTION TAPE AND TEMP SIGNS PLACED AROUND IMPACTED AREA.                                                         |
| Impact:              | MANHOLE DISCHARGING.                                                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT PUBLIC |
|                      | NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.                        |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream o                                               | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                           | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056290 | InitiatedInitiated By2/20/2019MITCHELL9:03:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTEI | Event Date Problem<br>D 12/05/2011 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 02:54<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 45,000 GAL                                                                                                      |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3056779                                                                                                      |
| 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 NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SIT3 AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                           |                                | Water Qu                    | ality Treatem                  | ent Center                        | Recei                           | iving Strea                                     | m of Treatment Center                                 | Regio                                    | on               |
|------------------------------------------------------------------|---------------------------------------|--------------------------------|-----------------------------|--------------------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278                               |                                | MORRIS FO                   | ORMAN                          |                                   | OHIO R                          | IVER                                            |                                                       | WEST                                     |                  |
| Facility Type                                                    | Facility ID                           |                                | Facility Address            | i                              | If Pump Station, Nam              | e of Pump Statio                | n:                                              | Receiving Stream                                      | Discha                                   | irge to          |
| SMH Sewer Manhole                                                | 47583                                 |                                | 202 OXMOOR L                | .N                             |                                   |                                 |                                                 | MIDDLE FORK BEARGRASS C                               | REEK S                                   | TREAM            |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | WO #         Ref No           3052122 | <u>Initiated</u><br>02/07/2019 | Initiated By<br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>02/06/2008 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/08/19 11:15<br>AM | <u>Condition</u> |

# Discharge Reporting:

| Discharge Amount:    | 306,000 GAL                                                                                                                        |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                                           |
| Clean Up:            | WO#3052387                                                                                                                         |
| Control Zone:        | IMPACTED AREA SECURED WITH TEMP SIGNS.                                                                                             |
| Impact:              | MANHOLE DISCHARGING.                                                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water C                                                    | Quality Treatement Center                         | Receiving Stream o                                               | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                                     | FORMAN                                            | OHIO RIVER                                                       |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052996 | Initiated Initiated By<br>2/11/2019 MITCHELL<br>10:15:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 02/06/2008 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/14/19 06:03<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 804,000 GAL                                                                                                      |
|----------------------|------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                              |
| Clean Up:            | WO#3052387                                                                                                       |
| Control Zone:        | CAUTION TAPE AND TEMP SIGNS PLACED AROUND IMPACTED AREA.                                                         |
| Impact:              | MANHOLE DISCHARGING.                                                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                   |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT PUBLIC |
|                      | NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT.                        |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream                                               | of Treatment Center                                   | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056287 | InitiatedInitiated By2/20/2019MITCHELL9:03:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>02/06/2008 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 02:54<br>PM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 420,000 GAL                                                                                                     |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3056778                                                                                                      |
| 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 NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SIT3 AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water C                                                    | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Regior                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                                     | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3078417 | Initiated Initiated By<br>3/30/2019 MITCHELL<br>11:30:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>02/06/2008 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/30/19 10:30<br>AM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 99,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                               |
| Clean Up:            | UNABLE TO ACCESS DISCHARGE SITE DUE TO AREA BEING UNDER CONSTRUCTION.                              |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED. AREA IS UNDER CONSTRUCTION. UNABLE TO ACCESS THE DISCHARGE SITE. |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                         |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.           |

| 3/31/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/31/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #Facility IDKY0022411MSD0278 |             |         |                  | Water Quality Treatement Center |             |                                        | Receiv     | Regio    | Region                  |                |                  |  |
|------------------------------------|-------------|---------|------------------|---------------------------------|-------------|----------------------------------------|------------|----------|-------------------------|----------------|------------------|--|
|                                    |             |         |                  | MORRIS FO                       | ORMAN       | OHIO RIVER                             |            |          |                         | WEST           |                  |  |
| Facility Type Facility ID          |             | lity ID | Facility Address |                                 |             | If Pump Station, Name of Pump Station: |            |          | Receiving Stream        | Discha         | Discharge to     |  |
| SMH Sewer Manhole                  | 4759        | 3       |                  | 8021 CHRISTIA                   | N CT        |                                        |            |          | MIDDLE FORK BEARGRASS C | REEK GF        | ROUND            |  |
| Activity Code / Description        | <u>WO #</u> | Ref No  | Initiated        | Initiated By                    | Assigned To | Disch Status                           | Event Date | Problem  | Result                  | Completed      | <b>Condition</b> |  |
| : DISREV: RAIN EVENT               | 3053687     |         | 02/12/2019       | DAVIS BROWN                     | MITCHELL    | DOCUMENTED                             | 03/19/2008 | LACK OF  | UNAUTHORIZED            | 02/13/19 05:52 | MAIN             |  |
| DISCHARGE                          |             |         |                  |                                 |             |                                        |            | SYSTEM   | DISCHARGE-WATER         | AM             |                  |  |
|                                    |             |         |                  |                                 |             |                                        |            | CAPACITY | S                       |                |                  |  |

# Discharge Reporting:

| Discharge Amount:    | 144,000 GAL                                                                       |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054413                                                                        |
| Control Zone:        | CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                         |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                       |             |               | Water Qu         | Water Quality Treatement Center |                                        |            | Receiving Stream of Treatment Center |                         |                |              |
|-----------------------------------------------------------|-------------|---------------|------------------|---------------------------------|----------------------------------------|------------|--------------------------------------|-------------------------|----------------|--------------|
| KY0022411     MSD0278       Facility Type     Facility ID |             | MORRIS FORMAN |                  |                                 |                                        | OHIO RIVER |                                      |                         |                |              |
|                                                           |             |               | Facility Address | i                               | If Pump Station, Name of Pump Station: |            |                                      | Receiving Stream        | Discha         | Discharge to |
| SMH Sewer Manhole                                         | 47596       |               | 7410 STEEPLE     | CREST CIR                       |                                        |            |                                      | MIDDLE FORK BEARGRASS C | REEK GF        | ROUND        |
| Activity Code / Description                               | WO # Ref No | Initiated     | Initiated By     | Assigned To                     | Disch Status                           | Event Date | Problem                              | <u>Result</u>           | Completed      | Condition    |
| : DISREV: RAIN EVENT                                      | 3052994     | 02/11/2019    | DAVIS BROWN      | MITCHELL                        | DOCUMENTED                             | 02/05/2014 | LACK OF                              | UNAUTHORIZED            | 02/15/19 02:00 | MAIN         |
| DISCHARGE                                                 |             |               |                  |                                 |                                        |            | SYSTEM                               | DISCHARGE-WATER         | PM             |              |
|                                                           |             |               |                  |                                 |                                        |            | CAPACITY                             | S                       |                |              |

# Discharge Reporting:

| Discharge Amount:    | 2,000,000 GAL                                                                                                                                                                                                 |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                                                                                                           |
| Clean Up:            | WO#3055477                                                                                                                                                                                                    |
| Control Zone:        | CAUTION TAPE AND TEMP SIGNS PLACED AROUND IMPACTED AREA.                                                                                                                                                      |
| Impact:              | MANHOLE DISCHARGING.                                                                                                                                                                                          |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                                                                                                                |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT<br>CONTACT PUBLIC NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SITE, DOOR HANGERS, AND WITH DISCHARGED CONTENT. |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                          |                                |                                                  | Water Quality Treatement Center |                     |                                        | ving Stream of T                                 | Region                                   |                                          |                          |  |
|------------------------------------------------------------------|--------------------------------------|--------------------------------|--------------------------------------------------|---------------------------------|---------------------|----------------------------------------|--------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411                                                        | MSD0278                              |                                | MORRIS FORMAN                                    |                                 |                     | OHIO RI                                | VER                                              | WEST                                     |                                          |                          |  |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>48077                 |                                | Facility Address     If       2620     DELOR AVE |                                 | If Pump Station, Na | If Pump Station, Name of Pump Station: |                                                  | Receiving Stream                         |                                          | Discharge to             |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3038593 | <u>Initiated</u><br>01/15/2019 | <u>Initiated By</u><br>HENDRIX                   | <u>Assigned To</u><br>HENDRIX   | <u>Disch Status</u> | <u>Event Date</u>                      | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/15/19 05:45<br>PM | <u>Condition</u><br>MAIN |  |

| Discharge Amount:    | 1 GAL                                                                               |
|----------------------|-------------------------------------------------------------------------------------|
| Cause:               | OBSTRUCTION IN THE MAIN SEWER                                                       |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                      |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                     |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM WASHING MACHINE DRAIN |
| Repair:              | FLUSHED MAIN SEWER TO RESTORE FLOW                                                  |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                            |



| KPDES # Facility ID               |                           |                    |           | Water Qu         | Water Quality Treatement Center |                      |                  | ving Strea        | n of Treatment Center           | ent Center Region<br>WEST |           |
|-----------------------------------|---------------------------|--------------------|-----------|------------------|---------------------------------|----------------------|------------------|-------------------|---------------------------------|---------------------------|-----------|
| KY0022411 MSD0278                 |                           |                    | MORRIS FO | ORMAN            | OHIO RIVER                      |                      |                  |                   |                                 |                           |           |
| Facility Type                     | Facility Type Facility ID |                    |           | Facility Address |                                 | If Pump Station, Nam | e of Pump Statio | n:                | Receiving Stream                | Discharge to              |           |
| SMH Sewer Manhole                 | 4944                      | 5                  |           | 2216 FAIRLAND    | AVE                             |                      |                  |                   | BUECHEL BRANCH                  | GF                        | ROUND     |
| Activity Code / Description       | <u>WO #</u>               | <u>Ref No</u>      | Initiated | Initiated By     | Assigned To                     | Disch Status         | Event Date       | Problem           | Result                          | Completed                 | Condition |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3053996                   | 3053996 02/12/2019 |           | DAVIS BROWN      | MITCHELL                        | DOCUMENTED           | 09/24/2018       | LACK OF<br>SYSTEM | UNAUTHORIZED<br>DISCHARGE-WATER | 02/13/19 06:52<br>AM      | MAIN      |
| DIOUTATOL                         |                           |                    |           |                  |                                 |                      |                  | CAPACITY          | S                               |                           |           |

#### Discharge Reporting:

| Discharge Amount:    | 102,900 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054591                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                       |          |                       | Water Qu                       | ality Treaten | nent Center  | Rece             | iving Strea                   | m of Treatment Center                | Region               |           |
|-----------------------------------------------------------|----------|-----------------------|--------------------------------|---------------|--------------|------------------|-------------------------------|--------------------------------------|----------------------|-----------|
| KY0022411     MSD0278       Facility Type     Facility ID |          | MSD0278 MORRIS FORMAN |                                |               |              | OHIO R           |                               | WEST                                 |                      |           |
|                                                           |          |                       | Facility Address If Pump Stati |               |              | e of Pump Static | on:                           | Receiving Stream                     | Discharge to         |           |
| SMH Sewer Manhole                                         | 49446    |                       | 2219 RICHLAN                   | D AVE         |              |                  |                               | BUECHEL BRANCH                       | ST                   | REAM      |
| Activity Code / Description                               | WO # Ref |                       | Initiated By                   | Assigned To   | Disch Status | Event Date       | Problem                       | Result                               | Completed            | Condition |
| : DISREV: RAIN EVENT<br>DISCHARGE                         | 3053997  | 02/14/2019            | DAVIS BROWN                    | MITCHELL      | DOCUMENTED   | 09/24/2018       | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/13/19 06:53<br>AM | MAIN      |

# Discharge Reporting:

| Discharge Amount:    | 137,100 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054595                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID   |                    | Water Qu                 | Water Quality Treatement Center |                      |                                       | <b>Receiving Stream of Treatment Center</b> |                  |                |              |  |
|-----------------------------|---------------|--------------------|--------------------------|---------------------------------|----------------------|---------------------------------------|---------------------------------------------|------------------|----------------|--------------|--|
| KY0022411                   | MSD0278       |                    | MORRIS FORMAN            |                                 |                      | OHIO RIVER                            |                                             |                  | WEST           |              |  |
| Facility Type               | e Facility ID |                    | Facility Address If Pump |                                 | If Pump Station, Nam | f Pump Station, Name of Pump Station: |                                             | Receiving Stream | Discha         | Discharge to |  |
| SMH Sewer Manhole           | 51160         |                    | 3305 INDIAN CREEK CT     |                                 |                      |                                       | SOUTH FORK BEARGRASS CF                     | REEK GI          | GROUND         |              |  |
| Activity Code / Description | WO # Ref No   | Initiated          | Initiated By             | Assigned To                     | Disch Status         | Event Date                            | Problem                                     | Result           | Completed      | Condition    |  |
| : DISREV: RAIN EVENT        | 3052120       | 3052120 02/07/2019 |                          | DAVIS BROWN MITCHELL DOCUMENTED |                      | 04/04/2008                            | 4/2008 LACK OF UNAUTHORIZED (               |                  | 02/08/19 10:30 |              |  |
| DISCHARGE                   |               |                    |                          |                                 |                      |                                       | SYSTEM                                      | DISCHARGE-WATER  | AM             |              |  |
|                             |               |                    |                          |                                 |                      |                                       | CAPACITY                                    | S                |                |              |  |

# Discharge Reporting:

| Discharge Amount:    | 3,000 GAL                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                                |
| Clean Up:            | WO#3052417                                                                                                                         |
| Control Zone:        | TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                                                          |
| Impact:              | MANHOLE DISCHARGING.                                                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                                                   | Quality Treatement Center | Receivin          | ng Stream of Treatment Center                                  | Region                                   |                  |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------------------------------|---------------------------|-------------------|----------------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORR                                                                    | IS FORMAN                 | OHIO RIVER        | R                                                              | WEST                                     |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053983 | <u>Initiated</u> <u>Initiated By</u><br>2/12/2019 MITCHELL<br>5:48:00AM |                           | MENTED 04/04/2008 | ProblemResultLACK OFUNAUTHORIZEDSYSTEMDISCHARGE-WATERCAPACITYS | <u>Completed</u><br>02/13/19 02:30<br>PM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 196,200 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3052417                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                                     | Quality Treatement Center                   | Receiving Stream | of Treatment Center                                   | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|---------------------------------------------|------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                                     | S FORMAN                                    | OHIO RIVER       |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056263 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>7:35:00AM | Assigned To Disch Sta<br>DAVIS BROWN DOCUME |                  | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:00<br>PM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 111,250 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3056956                                                                                         |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID Wat               |                                |                                | Nater Quality Treatement Center Rec |                                        |                   | Receiving Stream of Treatment Center    |                                                   |                                   | Region           |  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------|-------------------------------------|----------------------------------------|-------------------|-----------------------------------------|---------------------------------------------------|-----------------------------------|------------------|--|
| KY0022411                                                        | MSD0278                       |                                | MORRIS FORMAN                  |                                     |                                        | OHIO RIVER        |                                         |                                                   | WEST                              |                  |  |
| Facility Type<br>SMN Sewer Main                                  | Facility ID<br>51878D-AG      |                                | Facility Address               |                                     | If Pump Station, Name of Pump Station: |                   | n:                                      | Receiving Stream Dis                              |                                   | rge to           |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3033883 | <u>Initiated</u><br>01/03/2019 | <u>Initiated By</u><br>GRAY JR | <u>Assigned To</u><br>FIELDS        | <u>Disch Status</u>                    | <u>Event Date</u> | <u>Problem</u><br>STRUCTURAL<br>FAILURE | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | Completed<br>01/03/19 04:50<br>PM | <u>Condition</u> |  |

| Discharge Amount:    | 1 GAL                                                               |
|----------------------|---------------------------------------------------------------------|
| Cause:               | STRUCTURAL FAILURE OF FORCE MAIN                                    |
| Clean Up:            | NO CLEAN UP PERFORMED , AWAITING REPAIR                             |
| Control Zone:        | TEMPORARY SIGNS AND BARRICADES HAVE BEEN POSTED                     |
| Impact:              | SEWAGE WATER FOUND ON THE GROUND                                    |
| Repair:              | 1 PUMP SHUT OFF TO MITIGATE LEAKAGE AND REPAIR TO BE DONE ON 1-4-19 |
| Public Notification: | ADVISED CUSTOMER ON SITE                                            |



| KPDES #<br>KY0022411                                             | Facility ID<br>MSD0278 |                |                                | Water Quality Treatement Center<br>MORRIS FORMAN |                               |                     | <b>Receiving Stream of Treatment Center</b><br>OHIO RIVER |                                                  |                                                   | <b>Region</b><br>WEST                    |                   |
|------------------------------------------------------------------|------------------------|----------------|--------------------------------|--------------------------------------------------|-------------------------------|---------------------|-----------------------------------------------------------|--------------------------------------------------|---------------------------------------------------|------------------------------------------|-------------------|
| Facility Type<br>SMH Sewer Manhole                               | <b>Fac</b>             | ility ID<br>27 |                                | Facility Addres                                  |                               | If Pump Station, Na | me of Pump Statior                                        | n: F                                             | Receiving Stream                                  | Discha                                   | rge to            |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3069502 | <u>Ref No</u>  | <u>Initiated</u><br>03/20/2019 | Initiated By<br>HENDRIX                          | <u>Assigned To</u><br>HENDRIX | Disch Status        | Event Date                                                | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | <u>Completed</u><br>03/20/19 01:30<br>PM | Condition<br>MAIN |

| Discharge Amount:    | 1 GAL                                  |
|----------------------|----------------------------------------|
| Cause:               | OBSTRUCTION IN MSD'S MAIN SEWER        |
| Clean Up:            | MSD PERSONNEL WILL CLEAN IMPACTED AREA |
| Control Zone:        | PLACED TEMPORARY DISCHARGE SIGNS       |
| Impact:              | SEWAGE AROUND MANHOLE IN REAR          |
| Repair:              | FLUSHED MAIN SEWER TO RESTORE FLOW     |
| Public Notification: | ADVISED CUSTOMER ON SITE               |



| KPDES #         Facility ID           KY0022411         MSD0278  |                        |               | Water Quality Treatement Center<br>MORRIS FORMAN |                         |                        | iving Stream        | <b>Region</b><br>WEST |                                                 |                                          |                                          |                          |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------------------------|-------------------------|------------------------|---------------------|-----------------------|-------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| Facility Type<br>SSL Sewer Service Line                          | <b>Fac</b><br>577      | ility ID      |                                                  | Facility Addres         |                        | If Pump Station, Na | me of Pump Static     | n:                                              | Receiving Stream                         | Dischar                                  | rge to                   |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3040531 | <u>Ref No</u> | <u>Initiated</u><br>01/23/2019                   | Initiated By<br>HENDRIX | Assigned To<br>HENDRIX | Disch Status        | Event Date            | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/23/19 03:45<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                           |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD  |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                  |



| KPDES #                           | Facility ID             |            |                     | Water Quality Treatement Center |                                        |            | Receiving Stream of Treatment Center |                                      |                      | Region    |  |
|-----------------------------------|-------------------------|------------|---------------------|---------------------------------|----------------------------------------|------------|--------------------------------------|--------------------------------------|----------------------|-----------|--|
| KY0078956                         | MSD0277 DEREK R. GUTHRI |            | R. GUTHRIE          | OHIO RIVER                      |                                        | IVER       |                                      | WEST                                 |                      |           |  |
| Facility Type                     | Facility ID             |            | Facility Address If |                                 | If Pump Station, Name of Pump Station: |            | on:                                  | Receiving Stream                     | Discha               | rge to    |  |
| SMH Sewer Manhole                 | 60679                   |            | 9114 CINDER         | ELLA LN                         |                                        |            |                                      | FISHPOOL CREEK                       | C                    | DITCH     |  |
| Activity Code / Description       | <u>WO # Ref No</u>      | Initiated  | Initiated By        | Assigned To                     | Disch Status                           | Event Date | Problem                              | Result                               | Completed            | Condition |  |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3052153                 | 02/07/2019 | GOODWIN             | BRAZEL                          | DOCUMENTED                             | 12/15/2007 | LACK OF<br>SYSTEM<br>CAPACITY        | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/08/19 12:45<br>AM |           |  |

#### Discharge Reporting:

| Discharge Amount:    | 8,790 GAL                                              |
|----------------------|--------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                               |
| Clean Up:            | AREA DISINFECTED WITH LIME.                            |
| Control Zone:        | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.       |
| Impact:              | SEWAGE FOUND AROUND MANHOLE.                           |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP. |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.       |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|----------------|--------|------------------------------------------------------------------------------------------|
|                |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                                                        | Facility ID                   | Water C                                                     | uality Treatement Center                       | Receiving Stream of | f Treatment Center                                    | Region                                   |                  |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------------------|------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0078956 (Cont'd)                                             | MSD0277                       | DEREK F                                                     | R. GUTHRIE                                     | OHIO RIVER          |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053395 | Initiated Initiated By<br>2/12/2019 SUTHERLANI<br>5:30:00AM | Assigned To Disch Statu<br>CATALANO JR DOCUMEN |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/12/19 11:32<br>PM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 138,000 GAL                                                          |
|----------------------|----------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                             |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.               |
| Control Zone:        | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.         |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP.               |
| Public Notification: | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.         |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                         | Quality Treatement Center                         | Receiving Stream o                                               | Region                                                |                                          |                  |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0078956 (Cont'd)                                             | MSD0277                              | DEREK                                         | R. GUTHRIE                                        | OHIO RIVER                                                       |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056107 | InitiatedInitiated By2/20/2019RAYMER7:50:00AM | Assigned To Disch Status<br>CATALANO JR DOCUMENTE | Event Date Problem<br>D 12/15/2007 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 10:45<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 14,750 GAL                                                           |
|----------------------|----------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN.                                |
| Clean Up:            | CLEANED AND SANITIZED THE IMPACTED AREA.                             |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                                    |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP.               |
| Public Notification: | TEMPORARY SIGNS HAVE BEEN POSTED.                                    |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                     | Fac                  | ility ID      |                                | Water Qu                           | ent Center                     | Recei                                  | ving Strea | Regio                     | Region                          |                             |                                     |  |
|-----------------------------|----------------------|---------------|--------------------------------|------------------------------------|--------------------------------|----------------------------------------|------------|---------------------------|---------------------------------|-----------------------------|-------------------------------------|--|
| KY0022411 MSD0278           |                      |               |                                | MORRIS FO                          | ORMAN                          |                                        | OHIO RIVER |                           |                                 |                             | WEST<br>Discharge to<br>REEK GROUND |  |
| Facility Type               | Facility ID<br>63779 |               |                                | Facility Address<br>4315 PRUITT CT |                                | If Pump Station, Name of Pump Station: |            |                           | Receiving Stream                | Discha                      |                                     |  |
| SMH Sewer Manhole           |                      |               |                                |                                    |                                |                                        |            |                           | SOUTH FORK BEARGRASS C          | REEK GF                     |                                     |  |
| Activity Code / Description | <u>WO #</u>          | <u>Ref No</u> | <u>Initiated</u><br>02/20/2019 | <u>Initiated By</u><br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>LIMITED         | Event Date | <u>Problem</u><br>LACK OF | Result                          | Completed<br>02/20/19 03:18 | Condition                           |  |
| DISCHARGE                   | 3056269              |               | 02/20/2019                     | DAVIS BROWN                        | MITCHELL                       | CAPACITY DUE                           | 02/20/2019 | SYSTEM                    | UNAUTHORIZED<br>DISCHARGE-WATER | 02/20/19 03.18<br>PM        | MAIN                                |  |
|                             |                      |               |                                |                                    |                                | TO FLOOD<br>OPERATIONS                 |            | CAPACITY                  | S                               |                             |                                     |  |

#### Discharge Reporting:

| Discharge Amount:    | 423 GAL                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | CLEAN UP NOT NEEDED. NO SOLID OR DEBRIS OBSERVED.                                                  |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Water Qu                     | Water Quality Treatement Center |                                    |                                |                                                                   | <b>Receiving Stream of Treatment Center</b> |                                          |                                                       |                                          |                          |
|------------------------------------------------------------------|------------------------------|---------------------------------|------------------------------------|--------------------------------|-------------------------------------------------------------------|---------------------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411                                                        | <b>(Y0022411</b> MSD0278     |                                 |                                    | MORRIS FORMAN                  |                                                                   |                                             | IVER                                     | WEST                                                  | WEST                                     |                          |
| Facility Type Facility ID                                        |                              |                                 | Facility Addres                    | 5                              | If Pump Station, Name of Pump Station:                            |                                             |                                          | Receiving Stream                                      | Discharge to<br>REEK GROUND              |                          |
| SMH Sewer Manhole                                                |                              | 8117 COPPERCREEK DR             |                                    |                                |                                                                   |                                             | MIDDLE FORK BEARGRASS C                  |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref N</u><br>3053689 | <u>lnitiated</u><br>02/12/2019  | <u>Initiated By</u><br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019             | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 05:56<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 103,500 GAL                                                                       |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054405                                                                        |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.               |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                              |                        |               |                                | Water Qu                           | Water Quality Treatement Center        |                                                                   |                                 |                                                 | Receiving Stream of Treatment Center                  |                                          |                          |  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|------------------------------------|----------------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411                                                        | MSD0278                |               |                                | MORRIS FO                          | MORRIS FORMAN                          |                                                                   |                                 | OHIO RIVER                                      |                                                       |                                          |                          |  |
| Facility Type Facility ID                                        |                        |               | Facility Address               | ;                                  | If Pump Station, Name of Pump Station: |                                                                   |                                 | Receiving Stream                                | Discharge to                                          |                                          |                          |  |
| SMH Sewer Manhole                                                | er Manhole 65610       |               |                                | 1802 ROUND R                       | IDGE RD                                |                                                                   |                                 |                                                 | MUDDY FORK BEARGRASS C                                | REEK ST                                  | EEK STREAM               |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3054026 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN | Assigned To<br>MITCHELL                | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 06:52<br>AM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| 21,000 GAL                                                        |
|-------------------------------------------------------------------|
| LACK OF SYSTEM CAPACITY HEAVY RAIN.                               |
| WO#3054418                                                        |
| BARRICADE & TEMP DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA. |
| MANHOLE DISCHARGING.                                              |
| LOCATION INCLUDED IN THE IOAP.                                    |
| PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE.             |
|                                                                   |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Fac                    | ility ID      |                                | Water Qu                             | ality Treatem                  | ent Center                             | Rece                            | iving Strea               | Region                        |                             |                            |  |
|-----------------------------|------------------------|---------------|--------------------------------|--------------------------------------|--------------------------------|----------------------------------------|---------------------------------|---------------------------|-------------------------------|-----------------------------|----------------------------|--|
| KY0022411 MSD0278           |                        |               |                                | MORRIS FORMAN                        |                                |                                        | OHIO RIVER                      |                           |                               | WEST                        |                            |  |
| Facility Type               | Facility ID<br>65623   |               |                                | Facility Address 1804 ROUND RIDGE RD |                                | If Pump Station, Name of Pump Station: |                                 |                           | Receiving Stream              | Discha                      | Discharge to<br>EEK STREAM |  |
| SMH Sewer Manhole           |                        |               |                                |                                      |                                |                                        |                                 |                           | MUDDY FORK BEARGRASS C        | REEK S                      |                            |  |
| Activity Code / Description | <u>WO #</u><br>3052149 | <u>Ref No</u> | <u>Initiated</u><br>02/07/2019 | <u>Initiated By</u><br>DAVIS BROWN   | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>LIMITED         | <u>Event Date</u><br>02/20/2019 | <u>Problem</u><br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/08/19 06:23 | <u>Condition</u>           |  |
| DISCHARGE                   |                        |               |                                |                                      |                                | CAPACITY DUE<br>TO FLOOD<br>OPERATIONS |                                 | SYSTEM<br>CAPACITY        | DISCHARGE-WATER<br>S          | AM                          |                            |  |

#### Discharge Reporting:

| Discharge Amount:    | 540,000 GAL                                                                            |
|----------------------|----------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                                |
| Clean Up:            | CLEAN UP NOT REQUIRED.                                                                 |
| Control Zone:        | BARRICADE AND TEMP SIGNS PLACED AROUND IMPACTED AREA                                   |
| Impact:              | MANHOLE DISCHARGING                                                                    |
| Repair:              | LOCATION INCLUDED IN IOAP                                                              |
| Public Notification: | PUBLIC NOTIFICATION MADE THROUGH TEMP DISCHARGE SIGNS POSTED AROUND THE DISCHARGE SITE |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                             |     | Water Qua                             | ality Treatement                | Center                            | Receiv                                                                   | ing Stream of                   | Region                                          |                                                       |                                          |                          |
|----------------------------------------------------------------|-----------------------------|-----|---------------------------------------|---------------------------------|-----------------------------------|--------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | nt'd) MSD0278 MORRIS FORMAN |     |                                       | RMAN                            | OHIO RIVER                        |                                                                          |                                 |                                                 | WEST                                                  |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053284      | 2/1 | i <u>tiated</u><br>11/2019<br>50:00PM | <u>Initiated By</u><br>MITCHELL | <u>Assigned To</u><br>DAVIS BROWN | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/20/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/14/19 06:21<br>AM | <u>Condition</u><br>MAIN |

# Discharge Reporting:

| Discharge Amount:    | 157,500 GAL                                                                             |
|----------------------|-----------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                     |
| Clean Up:            | CLEANING NOT REQUIRED DUE TO LACK OF PUBLIC ACCESS.                                     |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO LACK OF PUBLIC ACCESS.                          |
| Impact:              | MANHOLE DISCHARGING.                                                                    |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                          |
| Public Notification: | PUBLIC NOTIFICATION MADE THROUGH TEMP DISCHARGE SIGNS POSTED AROUND THE DISCHARGE SITE. |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                        |               | Water Qu                                    | ality Treatement         | Center                            | Receiv                                                                   | ving Stream of                  | Region                                          |                                                       |                                          |                          |
|----------------------------------------------------------------|------------------------|---------------|---------------------------------------------|--------------------------|-----------------------------------|--------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278 MORRIS FORMAN  |               |                                             | OHIO RIVER               |                                   |                                                                          |                                 | WEST                                            |                                                       |                                          |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3056336 | <u>Ref No</u> | <u>Initiated</u><br>2/20/2019<br>11:27:00AM | Initiated By<br>MITCHELL | <u>Assigned To</u><br>DAVIS BROWN | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/20/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/21/19 06:40<br>AM | <u>Condition</u><br>MAIN |

# Discharge Reporting:

| Discharge Amount:    | 28,875 GAL                                                                                                         |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                |
| Clean Up:            | NO CLEAN UP NOT PERFORMED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.                                                 |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE.                                |
| Impact:              | MANHOLE DISCHARGING.                                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID CONTACT WITH DISCHARGED |
|                      | CONTENT.                                                                                                           |

| 2/21/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/21/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility                  | D                                          | Water C                   | Water Quality Treatement Center |                                                 |                                 | ving Stream of                          | Region                                                |                                          |                  |  |
|------------------------------------------------------------------|---------------------------|--------------------------------------------|---------------------------|---------------------------------|-------------------------------------------------|---------------------------------|-----------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| KY0022411                                                        | MSD0278                   |                                            |                           | MORRIS FORMAN                   |                                                 |                                 | VER                                     | WEST                                                  |                                          |                  |  |
| Facility Type Facility ID                                        |                           |                                            | Facility Addres           | ss                              | If Pump Station, Name of Pump Station:          |                                 | n:                                      | Receiving Stream                                      |                                          | Discharge to     |  |
| SV Sewer Valve                                                   | 69041B-\                  | /                                          | 4212 RIVIERA DR           |                                 |                                                 |                                 | OHIO                                    | D RIVER                                               | GROUND                                   |                  |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Re</u><br>3038452 | <u>f No</u> <u>Initiated</u><br>01/15/2019 | Initiated By<br>ROTTET JR | <u>Assigned To</u><br>NOE       | Disch Status<br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>01/15/2019 | <u>Problem</u><br>MECHANICAL<br>FAILURE | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>01/15/19 11:00<br>AM | <u>Condition</u> |  |

# Discharge Reporting:

| Discharge Amount:    | 3,000 GAL                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Cause:               | MECHANICAL FAILURE. SUCTION HOSE ON PUMPER TRUCK BROKE WHILE DRAINING FORCEMAIN FOR VALVE REPLACEMENT. |
| Clean Up:            | MSD PERSONNEL AND CONTRACTOR (SES ENVIRONMENTAL) CLEANED AND SANITIZED IMPACTED AREA.                  |
| Control Zone:        | TEMPORARY SIGNS PLACED AROUND IMPACTED AREA.                                                           |
| Impact:              | SEWAGE ON THE GROUND. ENTERED INTO STORM DRAIN.                                                        |
| Repair:              | SHUT OFF VALVE TO STOP DISCHARGE.                                                                      |
| Public Notification: | TEMPORARY SIGNS. MSD PERSONNEL NOTIFIED CUSTOMERS ON SITE. PAGE SENT OUT TO UPDATE MSDNET WEBSITE.     |

| 1/15/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|-------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                              |



| KPDES #                                                          | Facility ID            | Water Q                        | Water Quality Treatement Center            |                               |                                        | Receiving Stream of Treatment Center |                               |                                          | Region                                   |                          |
|------------------------------------------------------------------|------------------------|--------------------------------|--------------------------------------------|-------------------------------|----------------------------------------|--------------------------------------|-------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0078956                                                        | MSD0277                |                                | DEREK R. GUTHRIE                           |                               |                                        | OHIO RIVER                           |                               |                                          | WEST                                     |                          |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>69568   |                                | Facility Address<br>2218 MARY CATHERINE DR |                               | If Pump Station, Name of Pump Station: |                                      |                               | Receiving Stream Discharg                |                                          | rge to                   |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | WO # Ref No<br>3036726 | <u>Initiated</u><br>01/07/2019 | <u>Initiated By</u><br>HENDRIX             | <u>Assigned To</u><br>HENDRIX | Disch Status                           | Event Date                           | Problem<br>GREASE<br>BLOCKAGE | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/07/19 06:30<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | GREASE BLOCKAGE IN MSD SEWER MAIN                                         |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                           |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | FLUSHED MAIN SEWER TO RESTORE FLOW                                        |
| Public Notification: | ADVISED CUSTOMER ON SITE / BY PHONE                                       |



| KPDES #                     | Facility ID |            | Water Qu         | ality Treaten | nent Center          | nt Center Receiving Stream of Treatment Center |          |                         | Region         |           |
|-----------------------------|-------------|------------|------------------|---------------|----------------------|------------------------------------------------|----------|-------------------------|----------------|-----------|
| KY0022411                   | MSD0278     |            | MORRIS FO        | ORMAN         |                      | OHIO RI                                        | VER      |                         | WEST           |           |
| Facility Type               | Facility ID |            | Facility Address | i             | If Pump Station, Nam | e of Pump Statior                              | ı:       | Receiving Stream        | Disch          | arge to   |
| SMH Sewer Manhole           | 72289       |            | 1700 SULGRAV     | E RD          |                      |                                                |          | MIDDLE FORK BEARGRASS C | REEK G         | ROUND     |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By     | Assigned To   | Disch Status         | Event Date                                     | Problem  | Result                  | Completed      | Condition |
| : DISREV: RAIN EVENT        | 3040343     | 01/23/2019 | DAVIS BROWN      | MITCHELL      | DOCUMENTED           | 05/29/2012                                     | LACK OF  | UNAUTHORIZED            | 01/24/19 05:25 |           |
| DISCHARGE                   |             |            |                  |               |                      |                                                | SYSTEM   | DISCHARGE-WATER         | AM             |           |
|                             |             |            |                  |               |                      |                                                | CAPACITY | S                       |                |           |

# Discharge Reporting:

| Discharge Amount:    | 34,200 GAL                                                                                  |
|----------------------|---------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN.                                                  |
| Clean Up:            | CLEAN UP NOT NEEDED. NO SOLID OR DEBRIS OBSERVED.                                           |
| Control Zone:        | BARRICADES AND TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                   |
| Impact:              | MANHOLE DISCHARGING. NO SOLIDS OR DEBRIS OBSERVED.                                          |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                              |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMPORARYAND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 1/23/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 1/23/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                |                                       | Water Qu                 | uality Treatement                 | Center                            | Receiv                          | ving Stream of                                  | Treatment Center                                      | Region                                   | 1                |
|----------------------------------------------------------------|----------------------------|---------------------------------------|--------------------------|-----------------------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                    |                                       | MORRIS F                 | ORMAN                             |                                   | OHIO RIV                        | /ER                                             |                                                       | WEST                                     |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> Ref<br>3052111 | No Initiated<br>2/7/2019<br>5:52:00PM | Initiated By<br>MITCHELL | <u>Assigned To</u><br>DAVIS BROWN | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>05/29/2012 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/07/19 09:52<br>PM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 30,000 GAL                                                                                                     |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                       |
| Clean Up:            | WO#3052109                                                                                                     |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.                        |
| Impact:              | MANHOLE DISCHARGING.                                                                                           |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                 |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water 0                                          | Quality Treatement Center                         | Receiving Stream o                                               | f Treatment Center                                    | Region                            | n                        |
|----------------------------------------------------------------|--------------------------------------|--------------------------------------------------|---------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                           | FORMAN                                            | OHIO RIVER                                                       |                                                       | WEST                              |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3053244 | InitiatedInitiated By2/11/2019MITCHELL12:58:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE | Event Date Problem<br>D 05/29/2012 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>02/13/19 05:16<br>AM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 4,800,000 GAL                                                                                                   |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3052409                                                                                                      |
| Control Zone:        | BARRICADES & TEMP SIGNS 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 PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Wate                                           | r Quality Treatement | Center                            | Receiv                          | ving Stream of                                  | Treatment Center                                      | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|------------------------------------------------|----------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORI                                           | RIS FORMAN           |                                   | OHIO RIV                        | /ER                                             |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056285 | InitiatedInitiated B2/20/2019MITCHELL8:22:00AM |                      | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>05/29/2012 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/21/19 05:42<br>AM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 63,375 GAL                                                                                                      |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3056797                                                                                                      |
| 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 NOTFIIED THROUGH TEMP SIGNS AT DISCHARGE SIT3 AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                          | Receiving Stream of                                              | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |  |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                           | OHIO RIVER                                                       |                                                       |                                          |                          |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3057563 | InitiatedInitiated By2/23/2019MITCHELL6:16:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>0 05/29/2012 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/24/19 09:10<br>AM | <u>Condition</u><br>MAIN |  |

#### Discharge Reporting:

| Discharge Amount:    | 19,500 GAL                                                                                                      |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3056797                                                                                                      |
| Control Zone:        | CAUTION TAPE, BARRICADES AND TEMP SIGNS POSTED AROUND THE IMPACTED AREA.                                        |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                      |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID         |             |            | Water Quality Treatement Center |               |                                        | <b>Receiving Stream of Treatment Center</b> |          |                         |                | Region           |  |
|-----------------------------|-------------|------------|---------------------------------|---------------|----------------------------------------|---------------------------------------------|----------|-------------------------|----------------|------------------|--|
| KY0022411                   | MSD0278     | MSD0278    |                                 | MORRIS FORMAN |                                        | OHIO RIVER                                  |          |                         | WEST           |                  |  |
| Facility Type Facility ID   |             |            | Facility Address                | ;             | If Pump Station, Name of Pump Station: |                                             |          | Receiving Stream        | Discha         | Discharge to     |  |
| SMH Sewer Manhole           | 74520       | 74520      |                                 |               |                                        |                                             |          | MIDDLE FORK BEARGRASS C | REEK ST        | REAM             |  |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By                    | Assigned To   | Disch Status                           | Event Date                                  | Problem  | Result                  | Completed      | <b>Condition</b> |  |
| : DISREV: RAIN EVENT        | 3053707     | 02/12/2019 | DAVIS BROWN                     | MITCHELL      | DOCUMENTED                             | 09/09/2018                                  | LACK OF  | UNAUTHORIZED            | 02/13/19 08:03 | MAIN             |  |
| DISCHARGE                   |             |            |                                 |               |                                        |                                             | SYSTEM   | DISCHARGE-WATER         | AM             |                  |  |
|                             |             |            |                                 |               |                                        |                                             | CAPACITY | S                       |                |                  |  |

# Discharge Reporting:

| Discharge Amount:    | 69,000 GAL                                                                                                      |
|----------------------|-----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                             |
| Clean Up:            | WO#3054421                                                                                                      |
| Control Zone:        | BARRICADES CAUTION TAPE & TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                              |
| Impact:              | MANHOLE DISCHARGING.                                                                                            |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                  |
| Public Notification: | PUBLIC NOTFILED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| Fac                                                       | ility ID:                  |                                              | Water Quality Treatement Center                                   |                                                                                                           |                                                                                                                                                                                                               | <b>Receiving Stream of Treatment Center</b>                                                                                                                                                                                                                |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Region                                                                                                                                                                                                                                                                                                                                                                         |  |
|-----------------------------------------------------------|----------------------------|----------------------------------------------|-------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| KY0022411     MSD0278       Facility Type     Facility ID |                            |                                              | MORRIS FORMAN Facility Address If Pump Station, Nar               |                                                                                                           |                                                                                                                                                                                                               | OHIO RIVER                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | WEST                                                                                                                                                                                                                                                                                                                                                                           |  |
|                                                           |                            |                                              |                                                                   |                                                                                                           |                                                                                                                                                                                                               | ump Station, Name of Pump Station: Recei                                                                                                                                                                                                                   |                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     | Discharge to                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                |  |
| 79113-V                                                   |                            |                                              | 2201 INDIAN I                                                     | HILLS TRL                                                                                                 |                                                                                                                                                                                                               | ٨                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                         | DDY FORK BEARGRASS C                                                                                                                                                                                                                                                                                                                                                                                                                | REEK GF                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ROUND                                                                                                                                                                                                                                                                                                                                                                          |  |
| <u>WO #</u><br>3038576                                    | <u>Ref No</u>              | <u>Initiated</u><br>01/15/2019               | Initiated By<br>ROTTET JR                                         | <u>Assigned To</u><br>BANKS                                                                               | Disch Status<br>REPAIRED -<br>ISSUE<br>RESOLVED                                                                                                                                                               | <u>Event Date</u><br>01/15/2019                                                                                                                                                                                                                            | <u>Problem</u><br>STRUCTURAL<br>FAILURE                                                                                                                                                                                 | Result<br>UNAUTHORIZED<br>DISCHARGE-WATER                                                                                                                                                                                                                                                                                                                                                                                           | <u>Completed</u><br>01/15/19 02:20<br>PM                                                                                                                                                                                                                                                                                                                                                                                                                         | <u>Condition</u>                                                                                                                                                                                                                                                                                                                                                               |  |
|                                                           | MSE<br><b>Faci</b><br>7911 | Facility ID<br>79113-V<br><u>WO # Ref No</u> | MSD0278<br>Facility ID<br>79113-V<br><u>WO # Ref No Initiated</u> | MSD0278 MORRIS<br>Facility ID Facility Addres<br>79113-V 2201 INDIAN H<br><u>WO # Ref No Initiated By</u> | MSD0278 MORRIS FORMAN           Facility ID         Facility Address           79113-V         2201 INDIAN HILLS TRL           WO #         Ref No         Initiated         Initiated By         Assigned To | MSD0278 MORRIS FORMAN       Facility ID     Facility Address     If Pump Station, Name       79113-V     2201 INDIAN HILLS TRL       WO #     Ref No     Initiated of 01/15/2019       01/15/2019     ROTTET JR     BANKS       BANKS     REPAIRED - ISSUE | MSD0278 MORRIS FORMAN OHIO RIV<br>Facility ID Facility Address If Pump Station, Name of Pump Station<br>79113-V 2201 INDIAN HILLS TRL<br><u>WO # Ref No</u> Initiated Dy ROTTET JR BANKS REPAIRED - 01/15/2019<br>ISSUE | MSD0278     MORRIS FORMAN     OHIO RIVER       Facility ID     Facility Address     If Pump Station, Name of Pump Station:       79113-V     2201 INDIAN HILLS TRL     If Pump Station, Name of Pump Station:       WO #     Ref No     Initiated By     Assigned To       3038576     01/15/2019     ROTTET JR     BANKS     Disch Status<br>REPAIRED -<br>ISSUE     Event Date<br>01/15/2019     Problem<br>STRUCTURAL<br>FAILURE | MSD0278     MORRIS FORMAN     OHIO RIVER       Facility ID     Facility Address     If Pump Station, Name of Pump Station:     Receiving Stream       79113-V     2201 INDIAN HILLS TRL     MUDDY FORK BEARGRASS OF       WO #     Ref No     Initiated By     Assigned To     Disch Status     Event Date     Problem     Result       3038576     01/15/2019     ROTTET JR     BANKS     Disch Status     Event Date     Problem     Result       UNAUTHORIZED | MSD0278 MORRIS FORMAN OHIO RIVER WEST<br>Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Dischar<br>79113-V 2201 INDIAN HILLS TRL If Pump Station, Name of Pump Station: MUDDY FORK BEARGRASS CREEK GF<br><u>WO # Ref No</u> 01/15/2019 ROTTET JR Assigned To BANKS REPAIRED - ISSUE 01/15/2019 STRUCTURAL UNAUTHORIZED O1/15/19 02:20 PM |  |

# Discharge Reporting:

| Discharge Amount:    | 9,000 GAL                                                                                              |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Cause:               | STRUCTURAL FAILURE. FORCE MAIN BREAK.                                                                  |
| Clean Up:            | PIPE SUBMERGED. NO CLEANUP NEEDED.                                                                     |
| Control Zone:        | TEMPORARY SIGNS PLACED AROUND IMPACTED AREA.                                                           |
| Impact:              | SEWAGE AT IMPACTED SITE.                                                                               |
| Repair:              | SHUT OFF PUMPS AT MUDDY FORK PUMP STATION. VALVED IN OLD FORCEMAIN AND VALVED OUT NORTH BARREL OF OHIO |
|                      | RIVER FORCE MAIN.                                                                                      |
| Public Notification: | TEMPORARY SIGNS AT IMPACTED AREA AND PAGE SENT OUT TO UPDATE MSDNET WEBSITE.                           |
|                      |                                                                                                        |

| ŀ | 1/16/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|---|-----------------|--------|-------------------------------------------------------------------------------------------|
|   |                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                              |



| KPDES #                                                          | PDES # Facility ID       |                               |                                |                               | Water Quality Treatement Center                 |                                 |                                         | <b>Receiving Stream of Treatment Center</b>           |                                          |                  |  |
|------------------------------------------------------------------|--------------------------|-------------------------------|--------------------------------|-------------------------------|-------------------------------------------------|---------------------------------|-----------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| <b>KY0102784</b> MSD0294                                         |                          |                               | FLOYDS                         | FORK                          |                                                 | FLOYDS FORK                     |                                         |                                                       |                                          | EAST             |  |
| Facility Type Facility ID                                        |                          | Facility Addre                | ss                             | If Pump Station, Na           | f Pump Station, Name of Pump Station:           |                                 |                                         | Discha                                                | charge to                                |                  |  |
| SMN Sewer Main                                                   | 80351B                   | -AG                           | AG 14310 LAKE FOREST           |                               |                                                 | T DR                            |                                         |                                                       | GROUND                                   |                  |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u> R<br>3036327 | ef No Initiated<br>01/04/2019 | <u>Initiated By</u><br>GRAY JR | <u>Assigned To</u><br>BINKLEY | Disch Status<br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>01/04/2019 | <u>Problem</u><br>STRUCTURAL<br>FAILURE | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>01/04/19 10:00<br>PM | <u>Condition</u> |  |

#### Discharge Reporting:

| Discharge Amount:    | 600 GAL                                                |
|----------------------|--------------------------------------------------------|
| Cause:               | STRUCTURAL FAILURE OF FORCE MAIN.                      |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA. |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                      |
| Impact:              | SEWAGE ON THE GROUND.                                  |
| Repair:              | STATION PUMPS TURNED OFF AND STATION HAULED.           |
| Public Notification: | ADVISED CUSTOMER ON SITE.                              |

| 1/5/19 1:00 am | ı | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|----------------|---|--------|-------------------------------------------------------------------------------------------|
|                |   |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                              |



| KPDES # Facility ID               |                   | )                   | Water Quality Treatement Center |             |                      | <b>Receiving Stream of Treatment Center</b> |                               |                                      | Regi                 | Region    |  |
|-----------------------------------|-------------------|---------------------|---------------------------------|-------------|----------------------|---------------------------------------------|-------------------------------|--------------------------------------|----------------------|-----------|--|
| <b>KY0022411</b> MSD0278          |                   | MORRIS FORMAN       |                                 |             | OHIO R               | OHIO RIVER                                  |                               |                                      | WEST                 |           |  |
| Facility Type                     | Facility ID       |                     | Facility Address                | 5           | If Pump Station, Nam | e of Pump Statio                            | n:                            | Receiving Stream                     | Disch                | arge to   |  |
| SMH Sewer Manhole                 | 84155             | 7913 SHELBYVILLE RD |                                 | ILLE RD     |                      |                                             | MIDDLE FORK BEARGRASS CREEK   |                                      | ROUND                |           |  |
| Activity Code / Description       | <u>WO # Ref I</u> |                     | Initiated By                    | Assigned To | Disch Status         | Event Date                                  | Problem                       | Result                               | Completed            | Condition |  |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3052126           | 02/07/2019          | DAVIS BROWN                     | MITCHELL    | DOCUMENTED           | 03/10/2011                                  | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/08/19 05:55<br>AM |           |  |

# Discharge Reporting:

| Discharge Amount:    | 49,500 GAL                                                                                            |
|----------------------|-------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                              |
| Clean Up:            | WO#3052374                                                                                            |
| Control Zone:        | IMPACTED AREA SECURED WITH BARRICADES, TEMP SIGNS & CAUTION TAPE.                                     |
| Impact:              | MANHOLE DISCHARGING.                                                                                  |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                            |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/8/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                               | Water                                           | Quality Treatement Center                      | Receiving Stream of | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |  |
|----------------------------------------------------------------|-------------------------------|-------------------------------------------------|------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411 (Cont'd)                                             | 22411 (Cont'd) MSD0278        |                                                 | S FORMAN                                       | OHIO RIVER          |                                                       |                                          | WEST                     |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053355 | InitiatedInitiated By2/11/2019MITCHELL8:22:00PM | Assigned To Disch Statu<br>DAVIS BROWN DOCUMEN |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 06:10<br>AM | <u>Condition</u><br>MAIN |  |

## Discharge Reporting:

| Discharge Amount:    | 99,000 GAL                                                                          |
|----------------------|-------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                 |
| Clean Up:            | WO#3054411                                                                          |
| Control Zone:        | BARRICADES, CAUTION TAPE & TEMP SIGNS AROUND THE IMPACTED AREA.                     |
| Impact:              | MANHOLE DISCHARGING.                                                                |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                          |
| Public Notification: | PUBLIC NOTIFICATION WAS MADE VIA TEMP SIGNS AT THE DISCHARGE SITE AND DOOR HANGERS. |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water (                                                   | Quality Treatement Center                   | Receiving S                | Region                                                                              |                                          |                          |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|---------------------------------------------|----------------------------|-------------------------------------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                                    | FORMAN                                      | OHIO RIVER                 |                                                                                     | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056302 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>9:51:00AM | Assigned To Disch Sta<br>DAVIS BROWN DOCUME | NTED 03/10/2011 LAC<br>SYS | <u>blem</u> <u>Result</u><br>CK OF UNAUTHORIZED<br>STEM DISCHARGE-WATER<br>PACITY S | <u>Completed</u><br>02/20/19 03:21<br>PM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 16,500 GAL                                                                                                           |
|----------------------|----------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                  |
| Clean Up:            | WO#3056785                                                                                                           |
| Control Zone:        | BARRICADES, CAUTION TAPE & TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                |
| Impact:              | MANHOLE DISCHARGING.                                                                                                 |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                           |
| Public Notification: | PUBLIC NOTFIIED THROUGH DOOR HANGERS, TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED |
|                      | CONTENT.                                                                                                             |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treaten                      | Rece                                                              | iving Strear                    | Region                                   |                                                       |                                          |                  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------|-------------------------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278                       |                                | MORRIS FORMAN                              |                                                                   | OHIO RIVER                      |                                          |                                                       | WEST                                     |                  |
| Facility Type                                                    | Facility ID                   |                                | Facility Address                           | If Pump Station, Name of Pump Station:                            |                                 | Receiving Stream                         | Discha                                                | irge to                                  |                  |
| SSL Sewer Service Line                                           | 85075                         |                                | 4317 PRUITT CT                             |                                                                   |                                 |                                          | BUECHEL BRANCH                                        | GROUND                                   |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053992 | <u>Initiated</u><br>02/12/2019 | Initiated ByAssigned ToDAVIS BROWNMITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 06:10<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 1,382 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054379                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | CLEAN OUT DISCHARGING.                                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treaten                      | Rece                                                              | iving Strear                    | Region                                   |                                                       |                                          |                  |
|------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------------|-------------------------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411                                                        | MSD0278                       |                                | MORRIS FORMAN                              |                                                                   | OHIO RIVER                      |                                          |                                                       | WEST                                     |                  |
| Facility Type                                                    | Facility ID                   |                                | Facility Address                           | If Pump Station, Name of Pump Station:                            |                                 | Receiving Stream                         | Discha                                                | irge to                                  |                  |
| SSL Sewer Service Line                                           | 85076                         |                                | 4319 PRUITT CT                             |                                                                   |                                 |                                          | BUECHEL BRANCH                                        | GROUND                                   |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053993 | <u>Initiated</u><br>02/12/2019 | Initiated ByAssigned ToDAVIS BROWNMITCHELL | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 06:12<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 1,383 GAL                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054376                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | CLEAN OUT DISCHARGING.                                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID            |               |                                       | Water Q                  | Water Quality Treatement Center        |                     |                   | ving Stream of T                                 | reatment Center                                   | Region                                   |                   |
|------------------------------------------------------------------|------------------------|---------------|---------------------------------------|--------------------------|----------------------------------------|---------------------|-------------------|--------------------------------------------------|---------------------------------------------------|------------------------------------------|-------------------|
| KY0078956                                                        | MSI                    | MSD0277       |                                       | DEREK R. GUTHRIE         |                                        |                     | OHIO RIVER        |                                                  |                                                   | WEST                                     |                   |
| Facility Type<br>SMN Sewer Main                                  | Facility ID<br>85311   |               | Facility Address<br>1100 LONE OAK AVE |                          | If Pump Station, Name of Pump Station: |                     | Receiving Stream  |                                                  | Discharge to                                      |                                          |                   |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3077961 | <u>Ref No</u> | <u>Initiated</u><br>03/28/2019        | Initiated By<br>CALLOWAY | <u>Assigned To</u><br>CALLOWAY         | <u>Disch Status</u> | <u>Event Date</u> | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | <u>Completed</u><br>03/28/19 08:01<br>PM | Condition<br>MAIN |

| Discharge Amount:    | 10 GAL                          |
|----------------------|---------------------------------|
| Cause:               | ROCK AND RAGS IN THE MAIN SEWER |
| Clean Up:            | WASHED DOWN IMPACTED AREA       |
| Control Zone:        | PUT OUT DISCHARGE SIGNS         |
| Impact:              | SEWAGE AND WATER                |
| Repair:              | FLUSHED MAIN AND GOT IT OPEN.   |
| Public Notification: | PUT OUT SIGNS                   |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treatement Center |                                |                                                            | Recei                           | iving Strea                              | <b>Region</b><br>WEST                                 |                                          |                          |
|------------------------------------------------------------------|-------------------------------|--------------------------------|---------------------------------|--------------------------------|------------------------------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411                                                        | MSD0278                       |                                | MORRIS FC                       | ORMAN                          |                                                            | OHIO RIVER                      |                                          |                                                       |                                          |                          |
| Facility Type                                                    | ity Type Facility ID          |                                | Facility Address                |                                | If Pump Station, Name of Pump Station:                     |                                 | Receiving Stream                         | Discharge to                                          |                                          |                          |
| SMH Sewer Manhole                                                | 89791                         |                                | 37 ARROWHEAD RD                 |                                |                                                            |                                 | MUDDY FORK BEARGRASS C                   | REEK GROUND                                           |                                          |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053697 | <u>Initiated</u><br>02/12/2019 | Initiated By<br>DAVIS BROWN     | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD | <u>Event Date</u><br>02/12/2019 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/13/19 07:10<br>AM | <u>Condition</u><br>MAIN |
|                                                                  |                               |                                |                                 |                                | OPERATIONS                                                 |                                 |                                          | -                                                     |                                          |                          |

### Discharge Reporting:

| Discharge Amount:    | 66,000 GAL                                                                        |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054401                                                                        |
| Control Zone:        | BARRICADES & TEMP SIGNS PLACED AROUND DISCHARGE SITE.                             |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                     | Facility ID |                         |                            | Water Qu      | Water Quality Treatement Center |                                     |            | <b>Receiving Stream of Treatment Center</b> |                 |                |           |
|-----------------------------|-------------|-------------------------|----------------------------|---------------|---------------------------------|-------------------------------------|------------|---------------------------------------------|-----------------|----------------|-----------|
| KY0022411                   | MSD0278     |                         | MORRIS FO                  | MORRIS FORMAN |                                 | OHIO RI                             | OHIO RIVER |                                             |                 | WEST           |           |
| Facility Type               | Facility ID |                         | Facility Address If Pump S |               | If Pump Station, Nam            | Pump Station, Name of Pump Station: |            | Receiving Stream                            | Discha          | Discharge to   |           |
| SMH Sewer Manhole           | 9070        | 90700 8021 CHRISTIAN CT |                            | N CT          |                                 |                                     |            | MIDDLE FORK BEARGRASS C                     | REEK CAT        | CH BASIN       |           |
| Activity Code / Description | <u>WO #</u> | Ref No                  | Initiated                  | Initiated By  | Assigned To                     | Disch Status                        | Event Date | Problem                                     | <u>Result</u>   | Completed      | Condition |
| : DISREV: RAIN EVENT        | 3053684     |                         | 02/12/2019                 | DAVIS BROWN   | MITCHELL                        | DOCUMENTED                          | 03/19/2008 | LACK OF                                     | UNAUTHORIZED    | 02/13/19 05:48 | MAIN      |
| DISCHARGE                   |             |                         |                            |               |                                 |                                     |            | SYSTEM                                      | DISCHARGE-WATER | AM             |           |
|                             |             |                         |                            |               |                                 |                                     |            | CAPACITY                                    | S               |                |           |

## Discharge Reporting:

| Discharge Amount:    | 72,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#30544125                                                                                        |
| Control Zone:        | CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                          |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water 0                                                   | Quality Treatement Center                   | Receiving Stre | <b>Receiving Stream of Treatment Center</b> |                                          |                          |  |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|---------------------------------------------|----------------|---------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                                    | FORMAN                                      | OHIO RIVER     |                                             |                                          |                          |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056298 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>9:12:00AM | Assigned To Disch Sta<br>DAVIS BROWN DOCUME |                | OF UNAUTHORIZED<br>EM DISCHARGE-WATER       | <u>Completed</u><br>02/20/19 03:15<br>PM | <u>Condition</u><br>MAIN |  |

## Discharge Reporting:

| Discharge Amount:    | 9,000 GAL                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                                  |
| Clean Up:            | WO#3056794                                                                                                           |
| Control Zone:        | BARRICADES, & TEMPORARY DISCHARGE SIGNS PLACED AROUND THE IMPACTED AREA.                                             |
| Impact:              | MANHOLE DISCHARGING.                                                                                                 |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                           |
| Public Notification: | PUBLIC NOTFILED THROUGH DOOR HANGERS, TEMP SIGNS AT DISCHARGE SITE AND PERMANENT OVER FLOW SIGNS TO AVOID DISCHARGED |
|                      | CONTENT.                                                                                                             |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                   | Facility ID Water Quality Tre         |                             |                               | nent Center Receiving Stream of Treatment Center |                          |                                          | m of Treatment Center                                 | r Region                          |                  |  |
|------------------------------------------------------------------|-------------------------------|---------------------------------------|-----------------------------|-------------------------------|--------------------------------------------------|--------------------------|------------------------------------------|-------------------------------------------------------|-----------------------------------|------------------|--|
| KY0078956                                                        | MSD0277                       | MSD0277 DEREK R. GUTHRIE              |                             |                               | OHIO RIVER                                       |                          |                                          |                                                       | WEST                              |                  |  |
| Facility Type                                                    | Facility ID                   | Facility Address If Pump Station, Nam |                             |                               | ne of Pump Station: Receiving Stream             |                          |                                          | Discharge to                                          |                                   |                  |  |
| SMH Sewer Manhole                                                | 93703                         | 703 8800 ADMIRAL DR                   |                             |                               |                                                  |                          | PENNSYLVANIA RUN                         | GROUND                                                |                                   |                  |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053445 | <u>Initiated</u><br>02/12/2019        | Initiated By<br>CATALANO JR | <u>Assigned To</u><br>FLOWERS | Disch Status<br>DOCUMENTED                       | Event Date<br>03/24/2018 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>02/12/19 01:30<br>PM | <u>Condition</u> |  |

### Discharge Reporting:

| 90,000 GAL                                                           |
|----------------------------------------------------------------------|
| LACK OF SYSTEM CAPACITY.                                             |
| MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.               |
| PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                     |
| SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP.               |
| PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.                     |
|                                                                      |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                                   | Quality Treatement Center                          | Receiving Stream o                                             | Region                                                |                                          |                  |
|----------------------------------------------------------------|-------------------------------|---------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0078956 (Cont'd)                                             | MSD0277                       | DEREK                                                   | R. GUTHRIE                                         | OHIO RIVER                                                     |                                                       |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3056167 | Initiated Initiated By<br>2/20/2019 RAYMER<br>8:15:00AM | Assigned To Disch Status<br>CATALANO JR DOCUMENTED | Event Date Problem<br>03/24/2018 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 10:37<br>AM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 4,450 GAL                                                            |
|----------------------|----------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN.                                |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.               |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                                    |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP.               |
| Public Notification: | TEMPORARY SIGNS HAVE BEEN POSTED.                                    |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #     Facility ID       KY0078956     MSD0277       Facility Type     Facility ID |                               |                                                         | Water Quality Treatement Center |                              |                                   | <b>Receiving Stream of Treatment Center</b> |                                          |                                                       | Region                            |                  |
|-----------------------------------------------------------------------------------------|-------------------------------|---------------------------------------------------------|---------------------------------|------------------------------|-----------------------------------|---------------------------------------------|------------------------------------------|-------------------------------------------------------|-----------------------------------|------------------|
|                                                                                         |                               | DEREK F                                                 | DEREK R. GUTHRIE                |                              |                                   | OHIO RIVER                                  |                                          |                                                       | WEST                              |                  |
|                                                                                         |                               | Facility Address If Pump Station, Name of Pump Station: |                                 | on:                          | Receiving Stream                  | Discharge to                                |                                          |                                                       |                                   |                  |
| SMH Sewer Manhole                                                                       | 93719                         |                                                         | 9317 LANTAN                     | IA DR                        |                                   |                                             |                                          | PENNSYLVANIA RUN                                      | DITCH                             |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE                        | <u>WO # Ref No</u><br>3052150 | <u>Initiated</u><br>02/07/2019                          | Initiated By<br>GOODWIN         | <u>Assigned To</u><br>BRAZEL | <u>Disch Status</u><br>DOCUMENTED | Event Date<br>11/05/2018                    | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>02/08/19 12:45<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 9,555 GAL                                              |
|----------------------|--------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                               |
| Clean Up:            | AREA DISINFECTED WITH LIME.                            |
| Control Zone:        | PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS.     |
| Impact:              | SEWAGE FOUND AROUND MANHOLE AND FLOWING TO STREAM.     |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP. |
| Public Notification: | PERMANENT SIGNS SUPPLEMENTED WITH TEMPORARY SIGNS.     |

| 2/8/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|----------------|--------|------------------------------------------------------------------------------------------|
|                |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                                                        | Facility ID                   | Water (                                                    | Quality Treatement Center                        | Receiving Stream of | f Treatment Center                                    | Region                                   | ı                |
|----------------------------------------------------------------|-------------------------------|------------------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0078956 (Cont'd)                                             | MSD0277                       | DEREKI                                                     | R. GUTHRIE                                       | OHIO RIVER          |                                                       | WEST                                     |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3053390 | Initiated Initiated By<br>2/12/2019 SUTHERLAN<br>5:00:00AM | Assigned To Disch Statu<br>D CATALANO JR DOCUMEN |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/12/19 01:15<br>PM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 61,125 GAL                                                                |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                  |
| Clean Up:            | CLEANED AND SANITIZED THE IMPACTED AREA.                                  |
| Control Zone:        | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.              |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE.      |
| Repair:              | SITE FOUND DURING RAIN EVENT. WILL BE MONITORED AND EVALUATED FOR REPAIR. |
| Public Notification: | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.              |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                         | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Region                                   | ı                |
|----------------------------------------------------------------|-------------------------------|-----------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0078956 (Cont'd)                                             | MSD0277                       | DEREK                                         | R. GUTHRIE                                         | OHIO RIVER                                                     |                                                       | WEST                                     |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3056104 | InitiatedInitiated By2/20/2019RAYMER7:30:00AM | Assigned To Disch Status<br>CATALANO JR DOCUMENTED | Event Date Problem<br>11/05/2018 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 10:30<br>AM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 9,000 GAL                                                            |
|----------------------|----------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN.                                |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.               |
| Control Zone:        | TEMPORARY SIGNS HAVE BEEN POSTED.                                    |
| Impact:              | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND MANHOLE. |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP.               |
| Public Notification: | TEMPORARY SIGNS HAVE BEEN POSTED.                                    |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



|                                                                  |                               |  |                                       | Rece                                   | <b>Receiving Stream of Treatment Center</b> |                                      |                                          | Region                                   |                   |
|------------------------------------------------------------------|-------------------------------|--|---------------------------------------|----------------------------------------|---------------------------------------------|--------------------------------------|------------------------------------------|------------------------------------------|-------------------|
|                                                                  |                               |  |                                       | OHIO R                                 | OHIO RIVER                                  |                                      | WEST                                     |                                          |                   |
|                                                                  |                               |  | cility Address<br>5 ALVINA WAY        | If Pump Station, Name of Pump Station: |                                             | Receiving Stream                     | Discharge to                             |                                          |                   |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO # Ref No</u><br>3037723 |  | iated By Assigned To<br>NDRIX HENDRIX | <u>Disch Status</u>                    | Event Date                                  | <u>Problem</u><br>GREASE<br>BLOCKAGE | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/10/19 02:54<br>PM | Condition<br>MAIN |

| Discharge Amount:    | 1 GAL                                                                             |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | GREASE BLOCKAGE IN MAIN SEWER                                                     |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                    |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                   |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM BATHROOM FACILITIES |
| Repair:              | FLUSHED MAIN SEWER TO RESTORE FLOW                                                |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                          |



| KPDES #                           | PDES # Facility ID |                      |                  | ality Treaten | nent Center                            | Receiving Stream of Treatment Center |                               |                                      |                      | Region    |  |
|-----------------------------------|--------------------|----------------------|------------------|---------------|----------------------------------------|--------------------------------------|-------------------------------|--------------------------------------|----------------------|-----------|--|
| KY0022411                         | MSD0278            |                      | MORRIS FORMAN    |               |                                        | OHIO R                               | WEST                          |                                      |                      |           |  |
| Facility Type Facility ID         |                    |                      | Facility Address |               | If Pump Station, Name of Pump Station: |                                      | Receiving Stream              | Discha                               | Discharge to         |           |  |
| SMH Sewer Manhole                 | 96019              | 96019 4019 LELAND RD |                  | RD            |                                        |                                      |                               | MUDDY FORK BEARGRASS C               | REEK GF              | ROUND     |  |
| Activity Code / Description       | WO # Ref No        | Initiated            | Initiated By     | Assigned To   | Disch Status                           | Event Date                           | Problem                       | <u>Result</u>                        | Completed            | Condition |  |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3053700            | 02/12/2019           | DAVIS BROWN      | MITCHELL      | DOCUMENTED                             | 09/24/2018                           | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/13/19 07:30<br>AM | MAIN      |  |

## Discharge Reporting:

| Discharge Amount:    | 66,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054420                                                                                         |
| Control Zone:        | TEMP SIGNS PLACED AROUND DISCHARGE SITE.                                                           |
| Impact:              | MANHOLE DISCHARGING.                                                                               |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                           | DES # Facility ID |                   |                  | Water Quality Treatement Center |                                        |            | iving Strea                   | Region                               |                      |                  |
|-----------------------------------|-------------------|-------------------|------------------|---------------------------------|----------------------------------------|------------|-------------------------------|--------------------------------------|----------------------|------------------|
| KY0022411                         | MSD0278 MC        |                   |                  | MORRIS FORMAN OF                |                                        |            | IVER                          |                                      | WEST                 |                  |
| Facility Type Facility ID         |                   | D                 | Facility Address | ;                               | If Pump Station, Name of Pump Station: |            |                               | Receiving Stream                     | Discharge to         |                  |
| SMH Sewer Manhole                 | 96673             | 3920 DUTCHMANS LN |                  | ANS LN                          |                                        |            |                               | WEICHER CREEK                        | STREAM               |                  |
| Activity Code / Description       |                   | ef No Initiated   | Initiated By     | Assigned To                     | Disch Status                           | Event Date | Problem                       | Result                               | Completed            | <u>Condition</u> |
| : DISREV: RAIN EVENT<br>DISCHARGE | 3053693           | 02/12/2019        | DAVIS BROWN      | MITCHELL                        | DOCUMENTED                             | 09/24/2018 | LACK OF<br>SYSTEM<br>CAPACITY | UNAUTHORIZED<br>DISCHARGE-WATER<br>S | 02/13/19 08:07<br>AM | MAIN             |

## Discharge Reporting:

| Discharge Amount:    | 103,500 GAL                                                                       |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                               |
| Clean Up:            | WO#3054422                                                                        |
| Control Zone:        | BARRICADE CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.               |
| Impact:              | MANHOLE DISCHARGING.                                                              |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                    |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE TO AVOID DISCHARGED CONTENT. |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID                                           |                    |                                | Water Qu                               | Water Quality Treatement Center         |              |                  | ving Stream of T                                 | Region                                   |                                          |                          |
|------------------------------------------------------------------|-------------------------------------------------------|--------------------|--------------------------------|----------------------------------------|-----------------------------------------|--------------|------------------|--------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0098540                                                        | MSE                                                   | SD0289 CEDAR CREEK |                                |                                        |                                         | CENT         |                  |                                                  |                                          |                                          |                          |
| Facility Type<br>SSL Sewer Service Line                          | Facility IDFacility AddressBE091964299610 HOFELICH LN |                    |                                | If Pump Station, Name of Pump Station: |                                         |              | Receiving Stream |                                                  | Discharge to                             |                                          |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3052170                                | <u>Ref No</u>      | <u>Initiated</u><br>02/07/2019 | Initiated By<br>ANDERSON IV            | <u>Assigned To</u><br>ANDERSON<br>IV, E | Disch Status | Event Date       | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/07/19 07:45<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                |
|----------------------|------------------------------------------------------|
| Cause:               | OBSTRUCTION IN MAIN SEWER                            |
| Clean Up:            | UNKOWN AT THIS TIME                                  |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT WITH IMPACTED AREA |
| Impact:              | SEWAGE WATER ON FLOOR                                |
| Repair:              | FLUSHED MAIN SEWER                                   |
| Public Notification: | ADVISED CUSTOMER ON SITE                             |
|                      |                                                      |



| KPDES #                     | Facility ID            |               |                                | Water Qu                           | ality Treatem                  | nent Center                       | <b>Receiving Stream of Treatment Center</b> |                           |                               |                             | Region    |  |
|-----------------------------|------------------------|---------------|--------------------------------|------------------------------------|--------------------------------|-----------------------------------|---------------------------------------------|---------------------------|-------------------------------|-----------------------------|-----------|--|
| KY0022411                   | MSD0278                |               |                                | MORRIS FORMAN                      |                                |                                   | OHIO R                                      | VER                       | WEST                          | WEST                        |           |  |
| Facility Type               | Fac                    | ility ID      |                                | Facility Address                   | i                              | If Pump Station, Nam              | e of Pump Statio                            | n:                        | Receiving Stream              | Disch                       | arge to   |  |
| SSL Sewer Service Line      | BUC                    | 5074039       |                                | 3305 BENT CRE                      | EEK CT                         |                                   |                                             |                           | SOUTH FORK BEARGRASS CI       | REEK G                      | ROUND     |  |
| Activity Code / Description | <u>WO #</u><br>3053991 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>DAVIS BROWN | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED | Event Date<br>02/24/2011                    | <u>Problem</u><br>LACK OF | <u>Result</u><br>UNAUTHORIZED | Completed<br>02/13/19 05:35 | Condition |  |
| DISCHARGE                   | 3033991                |               | 02/12/2019                     | DAVIS BROWN                        | MITCHELL                       | DOCOMENTED                        | 02/24/2011                                  | SYSTEM<br>CAPACITY        | DISCHARGE-WATER               | AM                          |           |  |

## Discharge Reporting:

| Discharge Amount:    | 213,900 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3054373                                                                                         |
| Control Zone:        | BARRICADES, CAUTION TAPE AND TEMP SIGNS PLACED AROUND DISCHARGE SITE.                              |
| Impact:              | CLEAN OUT DISCHARGING.                                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

| 2/13/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/13/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                                     | Quality Treatement Center                     | Receiving Stream of | <b>Receiving Stream of Treatment Center</b>           |                                          |                          |  |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|-----------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORR                                                      | S FORMAN                                      | OHIO RIVER          |                                                       | WEST                                     |                          |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056266 | Initiated Initiated By<br>2/20/2019 MITCHELL<br>7:45:00AM | Assigned To Disch Stat<br>DAVIS BROWN DOCUMEN |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/20/19 03:10<br>PM | <u>Condition</u><br>MAIN |  |

## Discharge Reporting:

| Discharge Amount:    | 445,000 GAL                                                                                        |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3056959                                                                                         |
| Control Zone:        | CAUTION TAPE AND TEMP DISCHARGE SIGNS 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 DISCHARGED CONTENT. |

| 2/20/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/20/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Facility ID            |                                | Water C                      | Water Quality Treatement Center |                                                                   |                                 | ving Stream of T                       | Regio                                                 | Region                                   |                        |
|------------------------------------------------------------------|------------------------|--------------------------------|------------------------------|---------------------------------|-------------------------------------------------------------------|---------------------------------|----------------------------------------|-------------------------------------------------------|------------------------------------------|------------------------|
| KY0022411                                                        | MSD0278                |                                | MORRIS                       | MORRIS FORMAN                   |                                                                   |                                 | /ER                                    | WEST                                                  |                                          |                        |
| Facility Type SMH Sewer Manhole                                  | Facility ID<br>CSO132  |                                | Facility Address             |                                 | If Pump Station, Name of Pump Station:                            |                                 |                                        | Receiving Stream<br>BEARGRASS CREEK                   |                                          | <b>rge to</b><br>IREAM |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | WO # Ref No<br>3058872 | <u>Initiated</u><br>02/27/2019 | <u>Initiated By</u><br>DODDS | <u>Assigned To</u><br>DODDS     | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/27/2019 | Problem<br>PUMPED DUE TO<br>COE MANUAL | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/01/19 05:30<br>PM | <u>Condition</u>       |

## Discharge Reporting:

| Discharge Amount:    | 13,680,000 GAL                                                                                                        |
|----------------------|-----------------------------------------------------------------------------------------------------------------------|
| Cause:               | BEARGRASS FPS PLACED IN FLOOD PUMPING MODE PER USACOE PROTOCOL DURING ELEVATED RIVER LEVELS. FLOOD GATE<br>IS CLOSED. |
| Clean Up:            | NO CLEAN UP PERFORMED – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.                                              |
| Control Zone:        | NO CONTROL ZONE SET UP – PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.                                             |
| Impact:              | NONE OBSERVED - OUTLETS SUBMERGED.                                                                                    |
| Repair:              | IN COMPLIANCE WITH USACOE FLOOD PUMPING PROTOCOLS.                                                                    |
| Public Notification: | GIVEN BY VOLUNTARY EMAIL NOTIFICATION SYSTEM.                                                                         |

| 2/28/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/28/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #<br>KY0078956                                                      |                        | Facility ID<br>MSD0277 |                                      |                         | Water Quality Treatement Center<br>DEREK R. GUTHRIE |              |            | <b>/ing Stream of T</b><br>/ER                   | <b>Region</b><br>WEST             |                                          |                          |
|---------------------------------------------------------------------------|------------------------|------------------------|--------------------------------------|-------------------------|-----------------------------------------------------|--------------|------------|--------------------------------------------------|-----------------------------------|------------------------------------------|--------------------------|
| Facility Type     Facility ID       SSL Sewer Service Line     DE24374019 |                        |                        | Facility Address<br>3607 ALAMETER DR |                         | If Pump Station, Name of Pump Station:              |              |            | Receiving Stream Dis                             |                                   | scharge to                               |                          |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE          | <u>WO #</u><br>3036710 | <u>Ref No</u>          | <u>Initiated</u><br>01/07/2019       | Initiated By<br>HENDRIX | <u>Assigned To</u><br>HENDRIX                       | Disch Status | Event Date | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | Result<br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/07/19 02:00<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                             |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | OBSTRUCTION IN MSD'S MAIN SEWER                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                    |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                   |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM BATHROOM FACILITIES |
| Repair:              | FLUSHED AND ROOT CUT MAIN SEWER W/O #3036706                                      |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                          |



| KPDES #<br>KY0078956                                             |                        | Facility ID<br>MSD0277 |                                |                         | Water Quality Treatement Center<br>DEREK R. GUTHRIE |                                        |            | <b>ving Stream of T</b><br>/ER                   | <b>Region</b><br>WEST             |                                          |                          |
|------------------------------------------------------------------|------------------------|------------------------|--------------------------------|-------------------------|-----------------------------------------------------|----------------------------------------|------------|--------------------------------------------------|-----------------------------------|------------------------------------------|--------------------------|
| Facility Type                                                    |                        |                        |                                | Facility Address        |                                                     | If Pump Station, Name of Pump Station: |            | : Receiving Stream                               |                                   | Discharge to                             |                          |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3036713 | Ref No                 | <u>Initiated</u><br>01/07/2019 | Initiated By<br>HENDRIX | Assigned To<br>HENDRIX                              | Disch Status                           | Event Date | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | Result<br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/07/19 02:00<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                             |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | OBSTRUCTION IN MSD'S MAIN SEWER                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                    |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                   |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM BATHROOM FACILITIES |
| Repair:              | FLUSHED AND ROOT CUT MAIN SEWER TO RESTORE FLOW. W/O #3036706                     |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                          |



| KPDES #                                                          |                        | Facility ID   |                                |                                | Water Quality Treatement Center |                     |                   | ving Stream of T                                 | <b>Region</b><br>WEST                    |                                          |                          |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|--------------------------------|---------------------------------|---------------------|-------------------|--------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0078956<br>Facility Type                                       | MSD0277<br>Facility ID |               |                                |                                |                                 | If Pump Station, Na | OHIO RIVER        |                                                  |                                          | Discharge to                             |                          |
| SSL Sewer Service Line                                           | DE2                    | 4558019       |                                | 3614 ALAMET                    | ER DR                           |                     |                   |                                                  | -                                        |                                          | -                        |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3036708 | <u>Ref No</u> | <u>Initiated</u><br>01/07/2019 | <u>Initiated By</u><br>HENDRIX | <u>Assigned To</u><br>HENDRIX   | <u>Disch Status</u> | <u>Event Date</u> | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>01/07/19 02:00<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                             |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | OBSRTUCTION IN MSD'S MAIN SEWER                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                    |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                   |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM BATHROOM FACILITIES |
| Repair:              | ROOT CUT MAIN SEWER TO RESTORE FLOW. W/O #3036706                                 |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                          |



| KPDES #                                                                   | ES # Facility ID       |                                                     |                                | Water Q                        | Water Quality Treatement Center Receiving Stream of Treatment Center |              |                   | of Treatment Center                      | r Region                                 |                                          |                          |
|---------------------------------------------------------------------------|------------------------|-----------------------------------------------------|--------------------------------|--------------------------------|----------------------------------------------------------------------|--------------|-------------------|------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0078956 MSD0277                                                         |                        |                                                     | DEREK R. GUTHRIE               |                                |                                                                      |              | OHIO RIVER        |                                          |                                          | WEST                                     |                          |
| Facility Type     Facility ID       SSL Sewer Service Line     DE46146019 |                        | Facility Address     If Pump S       3500 DORSET RD |                                | If Pump Station, Na            | Pump Station, Name of Pump Station:                                  |              |                   | Dischar                                  | rge to                                   |                                          |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE          | <u>WO #</u><br>3053663 | <u>Ref No</u>                                       | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>HENDRIX | <u>Assigned To</u><br>HENDRIX                                        | Disch Status | <u>Event Date</u> | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/12/19 11:20<br>AM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 5 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                           |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | NVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD   |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                  |



| KPDES #                                                          |                        |                                           |                                | Water Qu                    | ality Treaten                    | ent Center          | Recei             | 0                                                | reatment Center                          | ter Region<br>WEST                       |                          |
|------------------------------------------------------------------|------------------------|-------------------------------------------|--------------------------------|-----------------------------|----------------------------------|---------------------|-------------------|--------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 MSD0278 Facility Type Facility ID                      |                        | Facility Address If Pump Station, Name of |                                |                             |                                  |                     |                   |                                                  | Discharge to                             |                                          |                          |
| SSL Sewer Service Line                                           |                        |                                           | 8601 BLOSSOM LN                |                             |                                  |                     |                   |                                                  |                                          |                                          |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3052159 | <u>Ref No</u>                             | <u>Initiated</u><br>02/07/2019 | Initiated By<br>ANDERSON IV | Assigned To<br>ANDERSON<br>IV, E | <u>Disch Status</u> | <u>Event Date</u> | Problem<br>OBSTRUCTION-N<br>OT GREASE /<br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/07/19 10:15<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | OBSTRUCTION IN MAIN SEWER                                                 |
| Clean Up:            | UNKOWN AT THIS TIME                                                       |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT WITH IMPACTED AREA                      |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | FLUSHED OBSTRUCTION FROM MAIN SEWER                                       |
| Public Notification: | ADVISED CUSTOMER BY DOOR CARD.                                            |



| KPDES #                                                          | Facility ID               | Water Quality Treaten                                      | nent Center Receivin                   | g Stream of Treatment Center | Region                                           |
|------------------------------------------------------------------|---------------------------|------------------------------------------------------------|----------------------------------------|------------------------------|--------------------------------------------------|
| KY0022411 MSD0278                                                |                           | MORRIS FORMAN                                              | OHIO RIVEI                             | २                            | WEST                                             |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>HU27200029 | Facility Address<br>303 N HURSTBOURNE PKY                  | If Pump Station, Name of Pump Station: | Receiving Stream             | Discharge to                                     |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE |                           | InitiatedInitiated ByAssigned To03/28/2019CALLOWAYCALLOWAY |                                        | Roots Result<br>NTERIOR      | Completed Condition<br>03/28/19 10:04 MAIN<br>PM |

| Discharge Amount:    | 1 GAL                             |
|----------------------|-----------------------------------|
| Cause:               | ROOTS IN THE MAIN                 |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA    |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL    |
| Repair:              | ROOTS WERE REMOVED BY PLUMBER     |
| Public Notification: | ADVISED BY DOOR CARD              |



| KPDES #                     | Facility ID |            | Water Quality Treatement Center |                   |                      | Recei              | Receiving Stream of Treatment Center |                  |                  |           |  |
|-----------------------------|-------------|------------|---------------------------------|-------------------|----------------------|--------------------|--------------------------------------|------------------|------------------|-----------|--|
| KY0022411                   | MSD0278     |            | MORRIS FORMAN                   |                   | OHIO RIVER           |                    |                                      |                  | WEST             | WEST      |  |
| Facility Type               | Facility ID |            | Facility Address                | ;                 | If Pump Station, Nam | ne of Pump Station | n:                                   | Receiving Stream | Discha           | irge to   |  |
| SMH Sewer Manhole IS021A    |             |            | 1201 OLD CAN                    | 01 OLD CANNONS LN |                      |                    | MIDDLE FORK BEA                      |                  | GRASS CREEK STRE |           |  |
| Activity Code / Description | WO # Ref No | Initiated  | Initiated By                    | Assigned To       | Disch Status         | Event Date         | Problem                              | Result           | Completed        | Condition |  |
| : DISREV: RAIN EVENT        | 3036333     | 01/04/2019 | DAVIS BROWN                     | MITCHELL          | DOCUMENTED           | 08/01/1969         | LACK OF                              | UNAUTHORIZED     | 01/05/19 12:45   |           |  |
| DISCHARGE                   |             |            |                                 |                   |                      |                    | SYSTEM                               | DISCHARGE-WATER  | AM               |           |  |
|                             |             |            |                                 |                   |                      |                    | CAPACITY                             | S                |                  |           |  |

## Discharge Reporting:

| Discharge Amount:    | 94,000 GAL                                                                                                                         |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                                           |
| Clean Up:            | NO CLEANUP REQUIRED. MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                                                                   |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.                                                          |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                                        |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 1/5/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|----------------|--------|------------------------------------------------------------------------------------------|
|                |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                                                        | Facility ID                          | Wate                                                      | r Quality Treatement | Center                            | Region                          |                                                 |                                                       |                                          |                  |
|----------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------|----------------------|-----------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd) MSD0278                                     |                                      | MORF                                                      | OHIO RIVER           |                                   |                                 |                                                 | WEST                                                  |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3040682 | Initiated Initiated By<br>1/19/2019 MITCHELL<br>7:15:00PM |                      | <u>Disch Status</u><br>DOCUMENTED | <u>Event Date</u><br>08/01/1969 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>01/19/19 11:45<br>PM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 181,000 GAL                                                                                                |
|----------------------|------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN.                                                                 |
| Clean Up:            | CLEAN UP NOT PERFORMED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.                                            |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE T0 LACK OF PUBLIC ACCESS TO THE DISCHARGE SITE.                       |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                             |
| Public Notification: | PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 1/24/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                             |



| KPDES #                                                        | Facility ID                   | Water C                                                    | Quality Treatement Center                          | Receiving Stream of                                               | Treatment Center                                      | Region                                   | ı                |
|----------------------------------------------------------------|-------------------------------|------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRIS                                                     | FORMAN                                             | OHIO RIVER                                                        |                                                       | WEST                                     |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3040344 | Initiated Initiated By<br>1/23/2019 MITCHELL<br>11:57:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date<br>08/01/1969 Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>01/24/19 11:30<br>PM | <u>Condition</u> |

#### Discharge Reporting:

| Discharge Amount:    | 2,476,000 GAL                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO HEAVY RAIN.                                                                     |
| Clean Up:            | NO CLEANUP REQUIRED. MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                                               |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED. NO PUBLIC ACCESS TO THE DISCHARGE SITE.                                      |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                                             |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                                 |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 1/23/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 1/23/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water (                                                   | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Region                                   | ı                |
|----------------------------------------------------------------|-------------------------------|-----------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORRIS                                                    | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3048759 | Initiated Initiated By<br>2/6/2019 MITCHELL<br>11:15:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>08/01/1969 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/09/19 07:15<br>PM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 8,757,000 GAL                                                                                                  |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY.                                                                                       |
| Clean Up:            | CLEAN UP NOT REQUIRED. PIPE IS SUBMERGED.                                                                      |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS THE DISCHARGE SITE.                            |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                    |
| Repair:              | LOCATION IS INCLUDED IN THE IOAP.                                                                              |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 2/7/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/7/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water (                                         | Quality Treatement Center                          | Receiving Stream o                                             | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | FORMAN                                             | OHIO RIVER                                                     |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3052879 | InitiatedInitiated By2/11/2019MITCHELL3:30:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTED | Event Date Problem<br>08/01/1969 LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/15/19 01:39<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 17,570,000 GAL                                                                                                 |
|----------------------|----------------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                            |
| Clean Up:            | NO CLEAN UP REQUIRED. MANHOLE DISCHARGES DIRECTLY INTO THE CREEK.                                              |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO LACK OF PUBLIC ACCESS TO THE DISCHARGE SITE.                           |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                    |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                                                     |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK, TO AVOID DIRECT CONTACT WITH |
|                      | DISCHARGED CONTENT.                                                                                            |

| 2/11/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/11/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                         | Receiving Stream of | f Treatment Center                                    | Region                                   | ı                        |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|---------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                          | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3056923 | InitiatedInitiated By2/20/2019MITCHELL5:45:00AM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENTE |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/25/19 01:15<br>AM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 10,265,000 GAL                                                                   |
|----------------------|----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                              |
| Clean Up:            | NO CLEANUP REQUIRED. MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                 |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE INABILITY TO ACCESS DISCHARGE SITE.  |
| Impact:              | NONE OBSERVED. OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.      |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                   |
| Public Notification: | PERMANENT SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT. |

| 2/22/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/22/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                   | Water                                          | Quality Treatement Center                | Receiving Stre | am of Treatment Center              | Region                                   |                          |
|----------------------------------------------------------------|-------------------------------|------------------------------------------------|------------------------------------------|----------------|-------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                       | MORR                                           | S FORMAN                                 | OHIO RIVER     |                                     | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3065422 | InitiatedInitiated By3/9/2019MITCHELL4:45:00PM | Assigned To Disch S<br>DAVIS BROWN DOCUM |                | F UNAUTHORIZED<br>M DISCHARGE-WATER | <u>Completed</u><br>03/10/19 06:00<br>AM | <u>Condition</u><br>MAIN |

#### Discharge Reporting:

| Discharge Amount:    | 1,345,000 GAL                                                                                           |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                                    |
| Clean Up:            | NO CLEANUP REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                                       |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO THE SIZE OF THE CREEK AND DIFFICULTY ACCESSING DISCHARGE AREAS. |
| Impact:              | NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.                                                      |
| Repair:              | LOCATION INCLUDED IN THE IOAP.                                                                          |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT.                |

| 3/10/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/10/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                        | Receiving Stream of | f Treatment Center                                    | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                         | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3067287 | InitiatedInitiated By3/14/2019MITCHELL7:45:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/15/19 11:30<br>AM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 465,000 GAL                                                                          |
|----------------------|--------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                 |
| Clean Up:            | NO CLEANUP REQUIRED. MANHOLE IS DISCHARGING DIRECTLY INTO CREEK.                     |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHED DUE TO LACK OF PUBLIC ACCESS TO THE DISCHARGE SITE. |
| Impact:              | NONE OBSERVED. OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.           |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                           |
| Public Notification: | PERMANENT SIGNS ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.            |

| 3/15/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/15/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                        | Receiving Stream of | f Treatment Center                                    | Region                                   |                          |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------------------------|---------------------|-------------------------------------------------------|------------------------------------------|--------------------------|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRI                                           | S FORMAN                                         | OHIO RIVER          |                                                       | WEST                                     |                          |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3078413 | InitiatedInitiated By3/30/2019MITCHELL9:00:00PM | Assigned To Disch Status<br>DAVIS BROWN DOCUMENT |                     | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/31/19 03:00<br>AM | <u>Condition</u><br>MAIN |

## Discharge Reporting:

| Discharge Amount:    | 1,609,000 GAL                                                                            |
|----------------------|------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY. HEAVY RAIN.                                                     |
| Clean Up:            | NOT REQUIRED. DISCHARGE PIPE IS SUBMERGED.                                               |
| Control Zone:        | CONTROL ZONE WAS NOT ESTABLISHE. THE PIPE DISCHARGES DIRECTLY TO CREEK.                  |
| Impact:              | NONE OBSERVED. OVERFLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.               |
| Repair:              | LOCATION INCLUDED IN IOAP.                                                               |
| Public Notification: | PUBLIC NOTIFIED THROUGH PERMANENT SIGNS TO AVOID DIRECT CONTACT WITH DISCHARGED CONTENT. |

| 3/31/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 3/31/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                              |                                 |               |                                | Water Q                   | uality Treatem          | ent Center                                      | enter Receiving Stream of Treatment Center |                                         |                                                       | <b>Region</b><br>WEST                    |                  |
|------------------------------------------------------------------|---------------------------------|---------------|--------------------------------|---------------------------|-------------------------|-------------------------------------------------|--------------------------------------------|-----------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| <b>KY0022411</b> MSD0278                                         |                                 |               | MORRIS                         | FORMAN                    | OHIO RIVER              |                                                 |                                            |                                         |                                                       |                                          |                  |
| Facility Type                                                    | Fac                             | ility ID      |                                | Facility Addres           | 55                      | If Pump Station, Na                             | me of Pump Station                         | :                                       | Receiving Stream                                      | Discha                                   | rge to           |
| SLS Sewer Lift Station                                           | MSD0134-PS 2835 AVENUE OF THE W |               | OF THE WOODS                   | DDS WOODS OF ST.THOMAS    |                         | LITT                                            | LITTLE GOOSE CREEK                         |                                         | STREAM                                                |                                          |                  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3054609          | <u>Ref No</u> | <u>Initiated</u><br>02/14/2019 | Initiated By<br>ROTTET JR | Assigned To<br>HUBER IV | Disch Status<br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>02/14/2019            | <u>Problem</u><br>MECHANICAL<br>FAILURE | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/14/19 08:20<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 100 GAL                                                                                                |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Cause:               | BOTH PUMPS IMPELLERS WERE FULLY BLOCKED WITH RAGS PREVENTING PUMPS FROM PUMPING.                       |
| Clean Up:            | MSD PERSONNEL CLEANED AND SANITIZED IMPACTED AREA.                                                     |
| Control Zone:        | PLACED TEMPORARY SIGNS AROUND IMPACTED AREA.                                                           |
| Impact:              | SEWAGE ON GROUND AROUND MANHOLE AND IN STREAM.                                                         |
| Repair:              | BACK FLUSHED PUMP TO ALLOW ONE PUMP TO PUMP TO STOP DISCHARGE. PULLED BOTH PUMPS AND REMOVED RAGS FROM |
|                      | IMPELLERS.                                                                                             |
|                      | REPAIR WO# 3054609 AND 3054624                                                                         |
| Public Notification: | TEMPORARY SIGNS PLACED AROUND IMPACTED AREA AND PAGE SENT OUT TO UPDATE MSD WEBSITE.                   |

| 2/14/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, |
|-----------------|--------|-------------------------------------------------------------------------------------------|
|                 |        | SAYRE.DENNIS@EPAMAIL.EPA.GOV                                                              |



| KPDES #                                                          | Facility ID            |               |                                | Water Quality Treatement Center |                             |                                                        |                          | <b>Receiving Stream of Treatment Center</b> |                                                   |                                   | Region           |  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|---------------------------------|-----------------------------|--------------------------------------------------------|--------------------------|---------------------------------------------|---------------------------------------------------|-----------------------------------|------------------|--|
| <b>KY0022411</b> MSD0278                                         |                        |               | MORRIS FORMAN                  |                                 |                             | OHIO RIVER                                             |                          |                                             |                                                   | WEST                              |                  |  |
| Facility Type                                                    | Faci                   | Facility ID   |                                | Facility Address                |                             | If Pump Station, Name of Pump Station:                 |                          |                                             | Receiving Stream                                  |                                   | Discharge to     |  |
| SPL Sewer Treatment Plant                                        | MSD0278                |               |                                | 4522 ALGON                      | QUIN PKY                    | OH                                                     |                          |                                             | D RIVER                                           | STREAM                            |                  |  |
| Activity Code / Description<br>: DISDW: DRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3038655 | <u>Ref No</u> | <u>Initiated</u><br>01/15/2019 | <u>Initiated By</u><br>BURCH    | <u>Assigned To</u><br>BURCH | <u>Disch Status</u><br>REPAIRED -<br>ISSUE<br>RESOLVED | Event Date<br>01/22/2018 | <u>Problem</u><br>MECHANICAL<br>FAILURE     | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | Completed<br>01/15/19 05:45<br>AM | <u>Condition</u> |  |

| Discharge Amount:    | 50 GAL                                                                                                                                            |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Cause:               | DIGESTER OUTLET REXA WERE CLOSED CAUSING THE LEVEL TO INCREASE IN DIGESTERS 1 AND 4. THIS RESULTED IN A SMALL AMOUNT OF DIGESTED SLUDGE TO SPILL. |
| Clean Up:            | DIGESTED SLUDGE SPILLED INTO CONCRETE TROUGH AND WAS WASHED BACK INTO THE PLANT DRAINS THAT GO TO<br>PRIMARY TREATMENT                            |
| Control Zone:        | BARRIERS WERE PLACED NEXT TO EACH DIGESTER.                                                                                                       |
| Impact:              | SLUDGE ON GROUND.                                                                                                                                 |
| Repair:              | DIGESTER OUTLET REXA'S WERE OPEN.                                                                                                                 |
| Public Notification: | NONE NEEDED.                                                                                                                                      |



| KPDES #                                                        | PDES # Facility ID        |                                           |                                            | Water Qu                     | uality Treatement           | t Center                                               | Receiv                          | ving Stream of T                        | Region                                            |                                          |                  |
|----------------------------------------------------------------|---------------------------|-------------------------------------------|--------------------------------------------|------------------------------|-----------------------------|--------------------------------------------------------|---------------------------------|-----------------------------------------|---------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | (0022411 (Cont'd) MSD0278 |                                           | MORRIS FORMAN                              |                              |                             |                                                        | OHIO RIVER                      |                                         |                                                   | WEST                                     |                  |
| Activity Code / Description<br>: DISDWDRY WEATHER<br>DISCHARGE | <u>WO #</u><br>3056089    | <u>Ref No</u>                             | <u>Initiated</u><br>2/18/2019<br>7:00:00PM | <u>Initiated By</u><br>BURCH | <u>Assigned To</u><br>BURCH | <u>Disch Status</u><br>REPAIRED -<br>ISSUE<br>RESOLVED | <u>Event Date</u><br>01/22/2018 | <u>Problem</u><br>MECHANICAL<br>FAILURE | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | <u>Completed</u><br>03/05/19 10:46<br>AM | <u>Condition</u> |
| Discharge Rep                                                  | orting:                   |                                           |                                            |                              |                             |                                                        |                                 |                                         |                                                   |                                          |                  |
| Discharge Amo                                                  | unt:                      |                                           | 6,200 GAL                                  |                              |                             |                                                        |                                 |                                         |                                                   |                                          |                  |
| Cause:                                                         |                           | FEPS RECIRCULATION LINE WAS OPEN TOO WIDE |                                            |                              |                             |                                                        |                                 |                                         |                                                   |                                          |                  |
| Clean Up:                                                      |                           |                                           | NONE                                       |                              |                             |                                                        |                                 |                                         |                                                   |                                          |                  |

| Clean Up:            | NONE                           |  |
|----------------------|--------------------------------|--|
| Control Zone:        | NONE                           |  |
| Impact:              | NONE                           |  |
| Repair:              | CLOSED FEPS RECIRCULATION LINE |  |
| Public Notification: | NONE                           |  |



| KPDES #                                                        | Facility ID                          | Water                                           | Quality Treatement Center                                       | Receiving Stream of | <b>Receiving Stream of Treatment Center</b>       |                                          |                  |  |
|----------------------------------------------------------------|--------------------------------------|-------------------------------------------------|-----------------------------------------------------------------|---------------------|---------------------------------------------------|------------------------------------------|------------------|--|
| KY0022411 (Cont'd)                                             | MSD0278                              | MORRIS                                          | 6 FORMAN                                                        | OHIO RIVER          |                                                   |                                          |                  |  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> <u>Ref No</u><br>3058526 | InitiatedInitiated By2/27/2019MULLIGAN7:48:00AM | Assigned To Disch Statu<br>KESSEL REPAIRED<br>ISSUE<br>RESOLVED |                     | <u>Result</u><br>OVERFLOW TO<br>EXTERIOR (GROUND) | <u>Completed</u><br>02/27/19 07:57<br>AM | <u>Condition</u> |  |

| Discharge Amount:    | 1,000,000 GAL                                                                                          |
|----------------------|--------------------------------------------------------------------------------------------------------|
| Cause:               | SURGE IN FLOW CAUSED SEC FEPS PUMP TO KICK ON AND SEND TO MUCH WATER THROUGH THE RECIRCULATION VALVES. |
| Clean Up:            | NONE                                                                                                   |
| Control Zone:        | NONE                                                                                                   |
| Impact:              | WATER COMING FROM STORM DRAINS                                                                         |
| Repair:              | NEED VFDS, UPDATE LEVEL CONTROL DEVICES AND AUTOMATED RECIRCULATION VALVES                             |
| Public Notification: | NONE                                                                                                   |



| KPDES #                                                          | Facility ID                  |               |                                | Water Qu                               | Water Quality Treatement Center   |                                                                   |                                 |                                                 | Receiving Stream of Treatment Center                  |                                          |                  |  |
|------------------------------------------------------------------|------------------------------|---------------|--------------------------------|----------------------------------------|-----------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|--|
| KY0022411                                                        | MSD0278                      |               |                                | MORRIS F                               | MORRIS FORMAN                     |                                                                   |                                 | OHIO RIVER                                      |                                                       |                                          | WEST             |  |
| Facility Type                                                    | Facility ID Facility Address |               | 3                              | If Pump Station, Name of Pump Station: |                                   |                                                                   | Receiving Stream                | Discha                                          | rge to                                                |                                          |                  |  |
| SLS Sewer Lift Station                                           | MSD                          | 1017-PS       |                                | 420 W RIVER R                          | D                                 | BELVEDER                                                          | E                               | OF                                              | IO RIVER                                              | S                                        | REAM             |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053183       | <u>Ref No</u> | <u>Initiated</u><br>02/11/2019 | <u>Initiated By</u><br>CATALANO JR     | <u>Assigned To</u><br>CATALANO JR | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/23/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/19/19 11:46<br>AM | <u>Condition</u> |  |

### Discharge Reporting:

| Discharge Amount:    | 9,999 GAL                                                     |
|----------------------|---------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT.                    |
| Clean Up:            | NO CLEANUP. STATION UNDER WATER.                              |
| Control Zone:        | NO CONTROL ZONE DUE TO FLOODING WAS UNABLE TO ACCESS STATION. |
| Impact:              | NO IMPACT OBSERVED. STATION UNDERWATER.                       |
| Repair:              | A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.         |
| Public Notification: | ROADS CLOSED AROUND AREA.                                     |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                          |                                                  | Water Qua                          | Water Quality Treatement Center   |                                                                          |                                 | ving Stream of                                  | Region                                                |                                          |                  |
|----------------------------------------------------------------|--------------------------|--------------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                  |                                                  | MORRIS FC                          | RMAN                              | OHIO RIVER                                                               |                                 |                                                 | WEST                                                  |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u> R<br>3057490 | ef No <u>Initiated</u><br>2/23/2019<br>1:00:00PM | <u>Initiated By</u><br>CATALANO JR | <u>Assigned To</u><br>CATALANO JR | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/23/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/04/19 10:00<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 9,999 GAL                                                                   |
|----------------------|-----------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO HEAVY REAIN.                                 |
| Clean Up:            | NONE POSSIBLE DUE TO MAGNITUDE OF STORM.                                    |
| Control Zone:        | NO CONTROL ZONE SET UP. PIPES DISCHARGE UNDERWATER, DIRECTLY INTO RIVER.    |
| Impact:              | NO IMPACT OBSERVED. MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE. |
| Repair:              | A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP.                      |
| Public Notification: | PERMANENT SIGN IN PLACE.                                                    |

| 2/24/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Fac                      | ility ID              |                                | Water Q                                       | Water Quality Treatement Center |                                                |                                 | Receiving Stream of Treatment Center |                                                  |                                   | Region           |  |
|------------------------------------------------------------------|--------------------------|-----------------------|--------------------------------|-----------------------------------------------|---------------------------------|------------------------------------------------|---------------------------------|--------------------------------------|--------------------------------------------------|-----------------------------------|------------------|--|
| KY0022411                                                        | MSE                      | MSD0278 MORRIS FORMAN |                                |                                               | FORMAN                          |                                                | WEST                            |                                      |                                                  |                                   |                  |  |
| Facility Type                                                    | lity Type Facility ID Fa |                       | Facility Addres                | Facility Address If Pump Station, Name of Pum |                                 |                                                | Imp Station: Receiving Stream   |                                      |                                                  | Discharge to                      |                  |  |
| SLS Sewer Lift Station                                           | MSE                      | 01137-PS              |                                | 231 N CAMPB                                   | ELL ST                          | CAMPBELL                                       | STREET                          | OF                                   | IIO RIVER                                        | GF                                | ROUND            |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053216   | <u>Ref No</u>         | <u>Initiated</u><br>02/11/2019 | Initiated By<br>ROTTET JR                     | <u>Assigned To</u><br>CROTZER   | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE | <u>Event Date</u><br>02/23/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM  | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER | Completed<br>02/19/19 01:09<br>AM | <u>Condition</u> |  |
|                                                                  |                          |                       |                                |                                               |                                 | TO FLOOD<br>OPERATIONS                         |                                 | CAPACITY                             | S                                                |                                   |                  |  |

### Discharge Reporting:

| Discharge Amount:    | 9,999 GAL                                                      |
|----------------------|----------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO RIVER FLOODING.                 |
| Clean Up:            | NO CLEANUP REQUIRED.                                           |
| Control Zone:        | NO CONTROL ZONE. DUE TO FLOODING WAS UNABLE TO ACCESS STATION. |
| Impact:              | NO IMPACT OBSERVED. STATION UNDERWATER.                        |
| Repair:              | A SOLUTION CAN BE FOUND IN THE IOAP.                           |
| Public Notification: | ROADS CLOSED AROUND THE AREA.                                  |

| 2/12/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                           |                                                      | Water Qua                          | ality Treatement                  | Center                                                                   | Receiv                          | ving Stream of                                  | Region                                                |                                          |                  |
|----------------------------------------------------------------|---------------------------|------------------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022411 (Cont'd)                                             | MSD0278                   |                                                      | MORRIS FC                          | ORMAN                             | OHIO RIVER                                                               |                                 |                                                 | WEST                                                  |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO # Re</u><br>3057519 | <u>No</u> <u>Initiated</u><br>2/23/2019<br>8:30:00PM | <u>Initiated By</u><br>CATALANO JR | <u>Assigned To</u><br>CATALANO JR | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/23/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/04/19 10:00<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 9,999 GAL                                                                           |
|----------------------|-------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY - HEAVY RAIN.                                               |
| Clean Up:            | NONE POSSIBLE DUE TO MAGNITUDE OF STORM.                                            |
| Control Zone:        | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.                        |
| Impact:              | NO IMPACT OBSERVED – MAGNITUDE OF STORM FLUSHED SOLIDS AND DEBRIS FROM SITE.        |
| Repair:              | A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN. |
| Public Notification: | PERMANENT SIGN IN PLACE – NO ADDITIONAL CONTROL ZONE SET UP.                        |

| 2/24/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/24/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Fac                          | ility ID      |                                | Water C                        | Quality Treatem               | nent Center                                                       | Rece                            | iving Stream o                                  | Region                                                |                                          |                  |
|------------------------------------------------------------------|------------------------------|---------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022420                                                        | MSE                          | MSD0202       |                                |                                | HITE CREEK                    |                                                                   |                                 | REEK                                            | EAST                                                  |                                          |                  |
| Facility Type                                                    | Facility ID Facility Address |               |                                | SS                             | If Pump Station, Nam          | Receiving Stream                                                  | Discharge to                    |                                                 |                                                       |                                          |                  |
| SLS Sewer Lift Station                                           | MSD1206-PS                   |               | 6100 MAYFAIR AVE               |                                | TRANSYLVANIA BEACH            |                                                                   |                                 | IIO RIVER                                       | GROUND                                                |                                          |                  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053370       | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>GRAY JR | <u>Assigned To</u><br>BINKLEY | Disch Status<br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/25/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>02/19/19 08:05<br>AM | <u>Condition</u> |

### Discharge Reporting:

| Discharge Amount:    | 9,999 GAL                                                      |
|----------------------|----------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT.                     |
| Clean Up:            | NO CLEANUP. STATION UNDER WATER.                               |
| Control Zone:        | NO CONTROL ZONE. DUE TO FLOODING WAS UNABLE TO ACCESS STATION. |
| Impact:              | NO IMPACT OBSERVED. STATION UNDER WATER.                       |
| Repair:              | A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.          |
| Public Notification: | ROADS CLOSED AROUND AREA.                                      |

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES # Facility ID                                            |                        |               |                                            | Water Qua                          | ality Treatement                  | Center                                                                   | Receiv                          | ving Stream of                                  | Region                                                |                                          |                  |
|----------------------------------------------------------------|------------------------|---------------|--------------------------------------------|------------------------------------|-----------------------------------|--------------------------------------------------------------------------|---------------------------------|-------------------------------------------------|-------------------------------------------------------|------------------------------------------|------------------|
| KY0022420 (Cont'd)                                             | MSD0202 HITE CREEK     |               |                                            | K                                  | HITE CREEK                        |                                                                          |                                 |                                                 | EAST                                                  |                                          |                  |
| Activity Code / Description<br>: DISREVRAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3057848 | <u>Ref No</u> | <u>Initiated</u><br>2/25/2019<br>2:00:00PM | <u>Initiated By</u><br>CATALANO JR | <u>Assigned To</u><br>CATALANO JR | <u>Disch Status</u><br>LIMITED<br>CAPACITY DUE<br>TO FLOOD<br>OPERATIONS | <u>Event Date</u><br>02/25/2019 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | <u>Completed</u><br>03/03/19 10:00<br>AM | <u>Condition</u> |

## Discharge Reporting:

| Discharge Amount:    | 9,999 GAL                                                       |
|----------------------|-----------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY DUE TO RIVER FLOODING.                  |
| Clean Up:            | NO CLEAN UP REQUIRED.                                           |
| Control Zone:        | NO CONTROL ZONE - DUE TO FLOODING STATION WAS UNABLE TO ACCESS. |
| Impact:              | NO IMPACT OBSERVED - STATION UNDERWATER.                        |
| Repair:              | STATION WILL BE RETURNED TO SERVICE ONCE RIVER RECEDES.         |
| Public Notification: | ROADS CLOSED AROUND AREA.                                       |

| 2/26/19 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/26/19 1:00 am | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |



| KPDES #                                                          | Fac                    | ility ID                                                    |                                | Water Quality Treatement Center |                               |                                        |                                 | iving Stream                                    | of Treatment Center                      | Region                                   |                   |  |
|------------------------------------------------------------------|------------------------|-------------------------------------------------------------|--------------------------------|---------------------------------|-------------------------------|----------------------------------------|---------------------------------|-------------------------------------------------|------------------------------------------|------------------------------------------|-------------------|--|
| KY0078956                                                        | MSI                    | MSD0277                                                     |                                |                                 | DEREK R. GUTHRIE              |                                        |                                 | IVER                                            | WEST                                     |                                          |                   |  |
| Facility Type SSL Sewer Service Line                             |                        | Facility IDFacility AddressPC072580298925 OLD SOUTH PARK RD |                                |                                 |                               | If Pump Station, Name of Pump Station: |                                 |                                                 | Receiving Stream Discharge t             |                                          | rge to            |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053667 | <u>Ref No</u>                                               | <u>Initiated</u><br>02/12/2019 | Initiated By<br>HENDRIX         | <u>Assigned To</u><br>HENDRIX | <u>Disch Status</u><br>DOCUMENTED      | <u>Event Date</u><br>03/04/2008 | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/12/19 11:55<br>AM | Condition<br>MAIN |  |

| Discharge Amount:    | 1 GAL                                                                             |
|----------------------|-----------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                           |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                                    |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                                   |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM BATHROOM FACILITIES |
| Repair:              | INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD          |
| Public Notification: | ADVISED CUSTOMER BY PHONE                                                         |



| KPDES #                                                          | Facility ID               |               |                                        | Water Quality Treatement Center |                                        |              | Rece             | iving Stream                                    | Region                                   |                                          |                   |
|------------------------------------------------------------------|---------------------------|---------------|----------------------------------------|---------------------------------|----------------------------------------|--------------|------------------|-------------------------------------------------|------------------------------------------|------------------------------------------|-------------------|
| KY0078956                                                        | MSD0277                   |               |                                        | DEREK R                         | R. GUTHRIE                             |              | OHIO RIVER       |                                                 |                                          | WEST                                     |                   |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>PD17144049 |               | Facility Address<br>10915 ALTSHELER PL |                                 | If Pump Station, Name of Pump Station: |              | Receiving Stream | Discha                                          | rge to                                   |                                          |                   |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>W0 #</u><br>3056469    | <u>Ref No</u> | <u>Initiated</u><br>02/20/2019         | <u>Initiated By</u><br>HENDRIX  | <u>Assigned To</u><br>HENDRIX          | Disch Status | Event Date       | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/20/19 02:20<br>PM | Condition<br>MAIN |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AOID CONTACT                            |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD  |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                  |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treatement Center      |                                |                                        | Rece       | iving Stream            | Region                                   |                                          |                          |
|------------------------------------------------------------------|-------------------------------|--------------------------------|--------------------------------------|--------------------------------|----------------------------------------|------------|-------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0078956                                                        | MSD0277                       |                                | DEREK R. GUTHRIE                     |                                |                                        | OHIO RIVER |                         |                                          | WEST                                     |                          |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>RR11789019     |                                | Facility Address<br>3963 CANE RUN RD |                                | If Pump Station, Name of Pump Station: |            | Receiving Stream        | Discha                                   | rge to                                   |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3067253 | <u>Initiated</u><br>03/14/2019 | Initiated By<br>SMITH                | <u>Assigned To</u><br>SMITH, A | <u>Disch Status</u>                    | Event Date | <u>Problem</u><br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>03/14/19 07:43<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                                |
|----------------------|--------------------------------------------------------------------------------------|
| Cause:               | ROOTS IN THE MAIN SEWER                                                              |
| Clean Up:            | UNKNOWN AT THIS TIME                                                                 |
| Control Zone:        | ADVISED TO AVOID CONTACT WITH SEWAGE                                                 |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED A BACKUP FROM BASEMENT FLOOR DRAIN |
| Repair:              | ROOT CUT THE MAIN SEWER                                                              |
| Public Notification: | ADVISED CUSTOMER BY PHONE                                                            |



| KPDES #                                                          | Facility ID                   |                                | Water Quality Treatement Center        |                                  |                                        | Recei       | ving Stream             | Region                                   |                                          |                          |
|------------------------------------------------------------------|-------------------------------|--------------------------------|----------------------------------------|----------------------------------|----------------------------------------|-------------|-------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0102784                                                        | MSD0294                       | MSD0294                        |                                        | FLOYDS FORK                      |                                        | FLOYDS FORK |                         |                                          | EAST                                     |                          |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>T314314305A    |                                | Facility Address<br>14305 WAKEFIELD PL |                                  | If Pump Station, Name of Pump Station: |             | Receiving Stream        | Discha                                   | rge to                                   |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO # Ref No</u><br>3054041 | <u>Initiated</u><br>02/12/2019 | <u>Initiated By</u><br>JOHNSON         | <u>Assigned To</u><br>JOHNSON, R | <u>Disch Status</u>                    | Event Date  | <u>Problem</u><br>ROOTS | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/12/19 09:45<br>PM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                         |
|----------------------|-----------------------------------------------|
| Cause:               | BLOCKAGE ON MSD PORTION                       |
| Clean Up:            | UNKNONW AT THIS TIME                          |
| Control Zone:        | ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE |
| Impact:              | BACK UP FROM FLOORD DRAIN                     |
| Repair:              | FLUSHED LINE TO OPEN                          |
| Public Notification: | DOOR CARD                                     |



| KPDES #                                                          | Facility ID              |               |                                       | Water Quality Treatement Center |                                        |                     |            | iving Stream                                    | Region                                   |                                          |                          |
|------------------------------------------------------------------|--------------------------|---------------|---------------------------------------|---------------------------------|----------------------------------------|---------------------|------------|-------------------------------------------------|------------------------------------------|------------------------------------------|--------------------------|
| KY0022411                                                        | MSD0278                  |               |                                       | MORRIS FORMAN                   |                                        |                     | OHIO RIVER |                                                 |                                          | WEST                                     |                          |
| Facility Type<br>SSL Sewer Service Line                          | Facility ID<br>U08269029 |               | Facility Address<br>4211 SOUTHERN PKY |                                 | If Pump Station, Name of Pump Station: |                     | n:         | Receiving Stream                                | Dischar                                  | rge to                                   |                          |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3047418   | <u>Ref No</u> | <u>Initiated</u><br>02/06/2019        | Initiated By<br>HENDRIX         | <u>Assigned To</u><br>HENDRIX          | <u>Disch Status</u> | Event Date | <u>Problem</u><br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>OVERFLOW TO<br>INTERIOR | <u>Completed</u><br>02/06/19 11:00<br>AM | <u>Condition</u><br>MAIN |

| Discharge Amount:    | 1 GAL                                                                     |
|----------------------|---------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY                                                   |
| Clean Up:            | CUSTOMER CLEANED IMPACTED AREA                                            |
| Control Zone:        | MSD PERSONNEL ADVISED CUSTOMER TO AVOID CONTACT                           |
| Impact:              | NONE OBSERVED BY MSD PERSONNEL; CUSTOMER REPORTED BACKUP FROM FLOOR DRAIN |
| Repair:              | INVESTIGATION INDICATED THAT ADDITIONAL REPAIRS WERE NOT REQUIRED BY MSD  |
| Public Notification: | ADVISED CUSTOMER ON SITE                                                  |



| KPDES #                                                          | Fac                    | cility ID     |                                | Water Quality Treatement Center |                                |                                        | Recei                           | ving Strear                              | Region                                                |                                   |                  |  |
|------------------------------------------------------------------|------------------------|---------------|--------------------------------|---------------------------------|--------------------------------|----------------------------------------|---------------------------------|------------------------------------------|-------------------------------------------------------|-----------------------------------|------------------|--|
| KY0022411                                                        | MSI                    | 00278         |                                | MORRIS FORMAN                   |                                |                                        | OHIO RIVER                      |                                          |                                                       |                                   | WEST             |  |
| Facility Type                                                    | Facility ID            |               |                                | Facility Address                |                                | If Pump Station, Name of Pump Station: |                                 | n:                                       | Receiving Stream                                      | Discharge to                      |                  |  |
| SSL Sewer Service Line                                           | Z18                    | Z18284029     |                                | 3928 DUTCHM                     | ANS LN                         |                                        |                                 |                                          | WEICHER CREEK                                         | GF                                | ROUND            |  |
| Activity Code / Description<br>: DISREV: RAIN EVENT<br>DISCHARGE | <u>WO #</u><br>3053630 | <u>Ref No</u> | <u>Initiated</u><br>02/12/2019 | Initiated By<br>DAVIS BROWN     | <u>Assigned To</u><br>MITCHELL | <u>Disch Status</u><br>DOCUMENTED      | <u>Event Date</u><br>03/19/2008 | Problem<br>LACK OF<br>SYSTEM<br>CAPACITY | <u>Result</u><br>UNAUTHORIZED<br>DISCHARGE-WATER<br>S | Completed<br>02/13/19 08:11<br>AM | <u>Condition</u> |  |

## Discharge Reporting:

| Discharge Amount:    | 66,000 GAL                                                                                         |
|----------------------|----------------------------------------------------------------------------------------------------|
| Cause:               | LACK OF SYSTEM CAPACITY HEAVY RAIN.                                                                |
| Clean Up:            | WO#3053630                                                                                         |
| Control Zone:        | CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.            |
| Impact:              | CLEANOUT DISCHARGING & FLOWING INTO THE CREEK.                                                     |
| Repair:              | NONE REQUIED.                                                                                      |
| Public Notification: | PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND DOOR HANGERS TO AVOID DISCHARGED CONTENT. |

### Notifications:

| 2/12/19 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG,<br>SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| 2/12/19 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION                                                                            |

### **Total Facilities Printed: 106**

Total Work Orders Printed:

184