



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

January 16th, 2026

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

**RE: Ohio River STP, KPDES No: KY0106143
Discharge Monitoring Report for December 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Ohio River STP, for the month of December 2025.

Overflow report attached.

There were no bypasses or exceedances.

If you have any questions concerning the attached DMR's, please contact me at (502) 264-2804.

Sincerely,

Alex Smither

Alex Smither
Process Supervisor

CAS/OR 12/25.

Cc: V. Teague, B. Tinnel

| | | | | | Value NODI | | | | | | | | | | | | | | | |
|-------|--|-------------------------|---|----|-------------|---|-------------------|---|-------------------|--|--|--|--|--|--|--|--|--|--|--|
| 00665 | Phosphorus, total [as P] | G - Raw Sewage Influent | 0 | -- | Sample | = | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | 6.28 | = | 6.4 | | | | | | | | | | | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 0.4492 | = | 0.631 | | | | | | | | | | | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | | | 03 - MGD | | | | | | | | | | | |
| | | | | | Permit Req. | | | | 03 - MGD | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | G - Raw Sewage Influent | 0 | -- | Sample | = | 0.5196 | = | 0.679 | | | | | | | | | | | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | | | 03 - MGD | | | | | | | | | | | |
| | | | | | Permit Req. | | | | 03 - MGD | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 51040 | E. coli | 1 - Effluent Gross | 0 | -- | Sample | = | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | 2.3 | = | 6.0 | | | | | | | | | | | |
| | | | | | Permit Req. | | <= 130.0 30DA GEO | | <= 240.0 7 DA GEO | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | | | 13 - #/100mL | | | | | | | | | | | |
| | | | | | Permit Req. | | | | 13 - #/100mL | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 81010 | BOD, 5-day, percent removal | K - Percent Removal | 0 | -- | Sample | = | | | | | | | | | | | | | | |
| | | | | | Permit Req. | | | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | 98.4 | | | | | | | | | | | | | |
| | | | | | Permit Req. | | >= 85.0 MO AV MN | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 81011 | Solids, suspended percent removal | K - Percent Removal | 0 | -- | Sample | = | 98.9 | | | | | | | | | | | | | |
| | | | | | Permit Req. | | >= 85.0 MO AV MN | | | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| | | | | | Sample | = | | | 23 - % | | | | | | | | | | | |
| | | | | | Permit Req. | | | | 23 - % | | | | | | | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

| Name | Type | Size |
|-------------------------------------|------|----------|
| Dec_2025_All_other_service_area.pdf | pdf | 92659.0 |
| OhioRiver_COVER_12_25.pdf | pdf | 249303.0 |

Report Last Saved By

Louisville and Jefferson County MSD

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
 Name: Charles Smither
 E-Mail: alex.smither@louisvillemmsd.org
 Date/Time: 2026-01-16 12:54 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
 Name: Charles Smither
 E-Mail: alex.smither@louisvillemmsd.org
 Date/Time: 2026-01-16 12:54 (Time Zone: -05:00)



| KPDES # | Facility ID | Water Quality Treatment Center | Receiving Stream of Discharge | Region |
|-----------|-------------|--------------------------------|-------------------------------|--------|
| KY0106143 | WQTCOR | OHIO RIVER WQTC | OHIO RIVER | OLDHAM |

| Facility Type | Facility ID | Facility Address | Receiving Stream | Discharge To |
|--------------------|-------------|------------------|--------------------------|--------------|
| Sewer Lift Station | SSPSOR-PBPT | 1211 PEBBLE PT | LITTLE HUCKLEBERRY CREEK | GROUND |

| Activity Code / Description | WO # | Ref # | Initiated on | Initiated By | Assigned To | Dish Status | Event Date | Problem Desc | Result | Completed | Condition |
|-----------------------------|---------|-------|-----------------------|--------------|-------------|---------------------------|------------------------|----------------------------|-------------------------------|-------------------|-----------|
| DISREV:RAIN EVENT DISCHARGE | 4037300 | | 12/19/2025 8:57:00 AM | PARKER | PARKER | REPAIRED - ISSUE RESOLVED | 12/19/2025 12:00:00 AM | ELECTRICAL PROBLEMS AT MSD | UNAUTHORIZED DISCHARGE-WATERS | 12/19/25 09:02 AM | |

Discharge Reporting:

| | |
|----------------------|---|
| Discharge Amount: | 161,700 GAL |
| Cause: | ELECTRICAL PROBLEM WITH MSD EQUIPMENT, CONTROL SYSTEM FAILURE. |
| Clean Up: | DEBRIS RAKED, BAGGED AND HAULED OFF AREA DISINFECTED WITH LIME. |
| Control Zone: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |
| Impact: | SEWAGE FOUND IN THE STREAM. |
| Repair: | REPAIRED THE CONTROL SYSTEM WO#4037302. |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |

Notifications:

| | | |
|------------------|--------|---|
| 12/19/25 1:00 PM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|------------------|--------|---|