



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

May 26<sup>th</sup>, 2026

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

**RE: SORF STP, KPDES No: KY0111716  
Discharge Monitoring Report for April 2026.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the SORF STP, for the month of April 2026.

There were no exceedances, overflows or bypasses.

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

Sincerely,

Alex Smither  
Process Supervisor

CAS/SORF 4/26.

Cc: V. Teague, B. Tinnel

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

KY0111716

Major:

Yes

Permittee:

Louisville and Jefferson County MSD

Permittee Address:

700 W Liberty St  
Louisville, KY 40203

Facility:

OLDHAM COUNTY ENVIRONMENTAL AUTHORITY REGIONAL WWTP

Facility Location:

6115 HITT LN  
CRESTWOOD, KY 40241

Permitted Feature:

001  
External Outfall

Discharge:

001-1  
Domestic Wastewater from Publicly Owned Treatment Works

Report Dates & Status

Monitoring Period:

From 04/01/26 to 04/30/26

DMR Due Date:

05/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Tony

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

--

| Parameter |                                          | Monitoring Location     | Season # | Param. NODI |             | Quantity or Loading |                |             |                  |           | Quality or Concentration |              |             |                |             |                  |           | # of Ex. | Frequency of Analysis | Sample Type            |
|-----------|------------------------------------------|-------------------------|----------|-------------|-------------|---------------------|----------------|-------------|------------------|-----------|--------------------------|--------------|-------------|----------------|-------------|------------------|-----------|----------|-----------------------|------------------------|
| Code      | Name                                     |                         |          |             |             | Qualifier 1         | Value 1        | Qualifier 2 | Value 2          | Units     | Qualifier 1              | Value 1      | Qualifier 2 | Value 2        | Qualifier 3 | Value 3          | Units     |          |                       |                        |
| 00300     | Oxygen, dissolved [DO]                   | 1 - Effluent Gross      | 0        | --          | Sample      |                     |                |             |                  |           | =                        | 10.4         |             |                |             |                  | 19 - mg/L | 0        | 01/07 - Weekly        | GR - Grab              |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           | >=                       | 7.0 INST MIN |             |                |             |                  | 19 - mg/L |          | 01/07 - Weekly        | GR - Grab              |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00400     | pH                                       | 1 - Effluent Gross      | 0        | --          | Sample      |                     |                |             |                  |           | =                        | 7.4          |             |                | =           | 7.7              | 12 - SU   | 0        | 01/07 - Weekly        | GR - Grab              |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           | >=                       | 6.0 MINIMUM  |             |                | <=          | 9.0 MAXIMUM      | 12 - SU   |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00530     | Solids, total suspended                  | 1 - Effluent Gross      | 0        | --          | Sample      | =                   | 5.0            | =           | 5.6              | 26 - lb/d |                          |              | =           | 3.0            | =           | 3.0              | 19 - mg/L | 0        | 01/07 - Weekly        | CP - Composite         |
|           |                                          |                         |          |             | Permit Req. | <=                  | 312.8 MO AVG   | <=          | 469.1 MX WK AV   | 26 - lb/d |                          |              | <=          | 30.0 MO AVG    | <=          | 45.0 MX WK AV    | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00530     | Solids, total suspended                  | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |           |                          |              | =           | 434.0          | =           | 920.0            | 19 - mg/L | 0        | 01/07 - Weekly        | CP - Composite         |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             | Req Mon MO AVG |             | Req Mon MX WK AV | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00600     | Nitrogen, total [as N]                   | 1 - Effluent Gross      | 0        | --          | Sample      |                     |                |             |                  |           |                          |              | =           | 16.88          | =           | 20.3             | 19 - mg/L | 0        | 01/07 - Weekly        | CP - Composite         |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             | Req Mon MO AVG |             | Req Mon DAILY MX | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00600     | Nitrogen, total [as N]                   | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |           |                          |              | =           | 46.58          | =           | 65.2             | 19 - mg/L | 0        | 01/07 - Weekly        | CP - Composite         |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             | Req Mon MO AVG |             | Req Mon DAILY MX | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00610     | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross      | 2        | --          | Sample      |                     |                |             |                  |           |                          |              | =           | 0.25           | =           | 0.3              | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           |                          |              | <=          | 5.0 MO AVG     | <=          | 7.5 DAILY MX     | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00665     | Phosphorus, total [as P]                 | 1 - Effluent Gross      | 2        | --          | Sample      |                     |                |             |                  |           |                          |              | =           | 0.77           | =           | 0.942            | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           |                          |              | <=          | 2.0 MO AVG     | <=          | 3.0 DAILY MX     | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 00665     | Phosphorus, total [as P]                 | G - Raw Sewage Influent | 0        | --          | Sample      |                     |                |             |                  |           |                          |              | =           | 9.59           | =           | 22.4             | 19 - mg/L | 0        | 01/07 - Weekly        | CP - Composite         |
|           |                                          |                         |          |             | Permit Req. |                     |                |             |                  |           |                          |              |             | Req Mon MO AVG |             | Req Mon DAILY MX | 19 - mg/L |          | 01/07 - Weekly        | 24 - 24 Hour Composite |
|           |                                          |                         |          |             | Value NODI  |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |
| 50050     | Flow, in conduit or thru treatment plant | 1 - Effluent Gross      | 0        | --          | Sample      | =                   | 0.2477         | =           | 1.083            | 03 - MGD  |                          |              |             |                |             |                  |           | 0        | 99/99 - Continuous    | RC - Recorder (auto)   |
|           |                                          |                         |          |             | Permit Req. |                     | Req Mon MO AVG |             | Req Mon DAILY MX | 03 - MGD  |                          |              |             |                |             |                  |           |          | 99/99 - Continuous    | RC - Recorder (auto)   |
|           |                                          |                         |          |             |             |                     |                |             |                  |           |                          |              |             |                |             |                  |           |          |                       |                        |

|       |                                            |                         |   |    |             |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
|-------|--------------------------------------------|-------------------------|---|----|-------------|----|----------------|----|------------------|-----------|---|------|----|----------------|----|------------------|--------------|---|--------------------|------------------------|-----------------|
|       |                                            |                         |   |    | Value NODI  |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
| 50050 | Flow, in conduit or thru treatment plant   | G - Raw Sewage Influent | 0 | -- | Sample      | =  | 0.2614         | =  | 1.014            | 03 - MGD  |   |      |    |                |    |                  |              | 0 | 01/07 - Weekly     | CA - Calculated        |                 |
|       |                                            |                         |   |    | Permit Req. |    | Req Mon MO AVG |    | Req Mon DAILY MX | 03 - MGD  |   |      |    |                |    |                  |              |   | 99/99 - Continuous | RC - Recorder (auto)   |                 |
|       |                                            |                         |   |    | Value NODI  |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
| 51040 | E. coli                                    | 1 - Effluent Gross      | 0 | -- | Sample      |    |                |    |                  |           |   |      | =  | 2.9            | =  | 9.0              | 13 - #/100mL | 0 | 01/07 - Weekly     | GR - Grab              |                 |
|       |                                            |                         |   |    | Permit Req. |    |                |    |                  |           |   |      | <= | 130.0 30DA GEO | <= | 240.0 7 DA GEO   | 13 - #/100mL |   | 01/07 - Weekly     | GR - Grab              |                 |
|       |                                            |                         |   |    | Value NODI  |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
| 80082 | BOD, carbonaceous [5 day, 20 C]            | 1 - Effluent Gross      | 0 | -- | Sample      | =  | 5.0            | =  | 5.6              | 26 - lb/d |   |      | =  | 3.0            | =  | 3.0              | 19 - mg/L    | 0 | 01/07 - Weekly     | CP - Composite         |                 |
|       |                                            |                         |   |    | Permit Req. | <= | 104.4 MO AVG   | <= | 156.4 MX WK AV   | 26 - lb/d |   |      | <= | 10.0 MO AVG    | <= | 15.0 MX WK AV    | 19 - mg/L    |   | 01/07 - Weekly     | 24 - 24 Hour Composite |                 |
|       |                                            |                         |   |    | Value NODI  |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
| 80082 | BOD, carbonaceous [5 day, 20 C]            | G - Raw Sewage Influent | 0 | -- | Sample      |    |                |    |                  |           |   |      | =  | 88.0           | =  | 137.0            | 19 - mg/L    | 0 | 01/07 - Weekly     | CP - Composite         |                 |
|       |                                            |                         |   |    | Permit Req. |    |                |    |                  |           |   |      |    | Req Mon MO AVG |    | Req Mon MX WK AV | 19 - mg/L    |   | 01/07 - Weekly     | 24 - 24 Hour Composite |                 |
|       |                                            |                         |   |    | Value NODI  |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
| 80091 | BOD, carb-5 day, 20 deg C, percent removal | K - Percent Removal     | 0 | -- | Sample      |    |                |    |                  |           | = | 96.6 |    |                |    |                  | 23 - %       | 0 | 01/30 - Monthly    | CA - Calculated        |                 |
|       |                                            |                         |   |    | Permit Req. |    |                |    |                  |           |   |      | >= | 85.0 MO AV MN  |    |                  |              |   | 23 - %             | 01/30 - Monthly        | CA - Calculated |
|       |                                            |                         |   |    | Value NODI  |    |                |    |                  |           |   |      |    |                |    |                  |              |   |                    |                        |                 |
| 81011 | Solids, suspended percent removal          | K - Percent Removal     | 0 | -- | Sample      |    |                |    |                  |           | = | 99.3 |    |                |    |                  | 23 - %       | 0 | 01/30 - Monthly    | CA - Calculated        |                 |
|       |                                            |                         |   |    | Permit Req. |    |                |    |                  |           |   |      | >= | 85.0 MO AV MN  |    |                  |              |   | 23 - %             | 01/30 - Monthly        | CA - Calculated |
|       |                                            |                         |   |    | 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    |
|---------------------|------|---------|
| SORF_COVER_4_26.pdf | pdf  | 31604.0 |

Report Last Saved By

Louisville and Jefferson County MSD

|            |                                      |
|------------|--------------------------------------|
| User:      | ALEX.SMITHER@LOUISVILLEMSD.ORG       |
| Name:      | Charles Smither                      |
| E-Mail:    | alex.smither@louisvillemSD.org       |
| Date/Time: | 2026-05-26 12:18 (Time Zone: -04:00) |

Report Last Signed By

|            |                                      |
|------------|--------------------------------------|
| User:      | ALEX.SMITHER@LOUISVILLEMSD.ORG       |
| Name:      | Charles Smither                      |
| E-Mail:    | alex.smither@louisvillemSD.org       |
| Date/Time: | 2026-05-26 13:06 (Time Zone: -04:00) |