



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

February 21, 2023

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

**RE: Lockwood STP, KPDES No: KY0054674  
Discharge Monitoring Report for January 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lockwood STP, for the month January 2023.

There were no overflows, exceedances or bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6004.

Sincerely,

Curt Otto  
Process Supervisor

CEO/ AA 01/23.

Cc: V. Teague, B. Tinnel

**DMR Copy of Record**

|                    |  |                    |  |
|--------------------|--|--------------------|--|
| <b>Permit</b>      |  |                    |  |
| Permit #:          | KY0054674                                    | Permittee:         | Louisville and Jefferson County MSD      |
| Major:             | No   | Permittee Address: | 700 W Liberty St<br>Louisville, KY 40203 |
| Permitted Feature: | 001<br>External Outfall                      | Discharge:         | 001-1<br>Domestic Wastewater             |
| Facility:          | LOCKWOOD ESTATES SUBDIVISION WWTP            |                    |  |
| Facility Location: | 3718 BARBARA ANN BLVD<br>CRESTWOOD, KY 40014 |                    |  |

|                                  |                           |               |          |
|----------------------------------|---------------------------|---------------|----------|
| <b>Report Dates &amp; Status</b> |                           |               |          |
| Monitoring Period:               | From 01/01/23 to 01/31/23 | DMR Due Date: | 02/28/23 |
| Status:                          | NetDMR Validated          |               |          |

**Considerations for Form Completion**

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

**No Data Indicator (NODI)**  
Form NODI: --

| Code  | Parameter Name                           | Monitoring Location | Season # | Param. NODI | Quantity or Loading |         |             |         |                | Quality or Concentration |         |             |             |             | # of Ex.      | Frequency of Analysis | Sample Type     |                 |                 |           |
|-------|--|---------------------|----------|-------------|---------------------|---------|-------------|---------|----------------|--------------------------|---------|-------------|-------------|-------------|---------------|-----------------------|-----------------|-----------------|-----------------|-----------|
|       |  |                     |          |             | Qualifier 1         | Value 1 | Qualifier 2 | Value 2 | Units          | Qualifier 1              | Value 1 | Qualifier 2 | Value 2     | Qualifier 3 |               |                       |                 | Value 3         | Units           |           |
| 00300 | Oxygen, dissolved [DO]                   | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          | =       | 8.44        |             |             |               |                       | 19 - mg/L       | 01/30 - Monthly | GR - GRAB       |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          | >=      | 7.0 MINIMUM |             |             |               |                       |                 | 19 - mg/L       | 01/30 - Monthly | GR - GRAB |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 00400 | pH                                       | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          | =       | 8.18        |             |             | =             | 8.18                  | 12 - SU         | 01/30 - Monthly | GR - GRAB       |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          | >=      | 6.0 MINIMUM |             |             | <=            | 9.0 MAXIMUM           | 12 - SU         | 01/30 - Monthly | GR - GRAB       |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          |         |             | <           | 6.0         | <             | 6.0                   | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          |         | <=          | 30.0 MO AVG | <=          | 45.0 MX WK AV | 19 - mg/L             | 01/30 - Monthly | CP - COMPOS     |                 |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 00600 | Nitrogen, total [as N]                   | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          |         |             | =           | 8.9         | =             | 8.9                   | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 00610 | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 2        | --          | Sample              | =       | 0.028       | =       | 0.028          | 26 - lb/d                |         |             | <           | 0.2         | <             | 0.2                   | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | Permit Req.         | <=      | 3.75 MO AVG | <=      | 5.63 MX WK AV  | 26 - lb/d                |         |             | <=          | 10.0 MO AVG | <=            | 15.0 DAILY MX         | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 00665 | Phosphorus, total [as P]                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          |         |             | =           | 1.33        | =             | 1.33                  | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.017       | =       | 0.017          | 03 - MGD                 |         |             |             |             |               |                       |                 | 01/30 - Monthly | IN - INSTAN     |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 50060 | Chlorine, total residual                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          |         |             | <           | 0.01        | <             | 0.01                  | 19 - mg/L       | 01/30 - Monthly | GR - GRAB       |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 51040 | E. coli                                  | 1 - Effluent Gross  | 0        | --          | Sample              |         |             |         |                |                          |         |             | =           | 2.0         | =             | 2.0                   | 13 - #/100mL    | 01/30 - Monthly | GR - GRAB       |           |
|       |  |                     |          |             | Permit Req.         |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
|       |  |                     |          |             | Value NODI          |         |             |         |                |                          |         |             |             |             |               |                       |                 |                 |                 |           |
| 80082 | BOD, carbonaceous [5 day, 20 C]          | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.567       | =       | 0.567          | 26 - lb/d                |         |             | <           | 4.0         | <             | 4.0                   | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | Permit Req.         | <=      | 9.38 MO AVG | <=      | 14.07 MX WK AV | 26 - lb/d                |         |             | <=          | 25.0 MO AVG | <=            | 37.5 MX WK AV         | 19 - mg/L       | 01/30 - Monthly | CP - COMPOS     |           |
|       |  |                     |          |             | 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**

| <b>Attachments</b> |      |      |
|--------------------|------|------|
| Name               | Type | Size |

**Report Last Saved By**

**Louisville and Jefferson County MSD**

User: CURT.OTTO@LOUISVILLEMSD.ORG  
Name: Curt Otto  
E-Mail: curt.otto@louisvillemSD.org  
Date/Time: 2023-02-21 12:12 (Time Zone: -05:00)

**Report Last Signed By**

User: CURT.OTTO@LOUISVILLEMSD.ORG  
Name: Curt Otto  
E-Mail: curt.otto@louisvillemSD.org  
Date/Time: 2023-02-21 12:24 (Time Zone: -05:00)