



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

February 26th, 2024

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

**RE: Lakewood STP, KPDES No: KY0039870
Discharge Monitoring Report for January 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Lakewood STP, for the month January 2024.

There were no overflows or bypasses. There were two exceedances, one for weekly BOD concentration with a result of 34.0 mg/L with a permit limit of 15.0 mg/L and one for monthly average BOD concentration with a result of 14.0 mg/L and a permit limit of 10.0 mg/L.

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

Sincerely,

Alex Smither
Process Supervisor

Cc: V. Teague, B. Tinnel
CAS/LW 1/24

DMR Copy of Record

| | | | | | |
|--------------------|-------------------------|--------------------|--|--------------------|--------------------------------------|
| Permit | | | | | |
| Permit #: | KY0039870 | Permittee: | Louisville and Jefferson County MSD | Facility: | LAKEWOOD VALLEY SUBDIVISION WWTP |
| Major: | No | Permittee Address: | 700 W Liberty St Louisville, KY 40203 | Facility Location: | 3999 WAINO DR CRESTWOOD, KY 40014 |
| Permitted Feature: | 001 External Outfall | Discharge: | 001-1 Domestic Wastewater | | |

| | | | | | |
|----------------------------------|---------------------------|---------------|----------|---------|------------------|
| Report Dates & Status | | | | | |
| Monitoring Period: | From 01/01/24 to 01/31/24 | DMR Due Date: | 02/28/24 | Status: | NetDMR Validated |

Considerations for Form Completion

| | | | | | |
|------------------------------------|---------|--------|--------------------|------------|--------------|
| Principal Executive Officer | | | | | |
| First Name: | Tony | Title: | Executive Director | Telephone: | 502-540-6533 |
| Last Name: | Parrott | | | | |

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 | | | | | = | 11.51 | | | | | 19 - mg/L | 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 | | | | | = | 6.69 | | | = | 8.69 | 12 - SU | 01/07 - Weekly | GR - GRAB | | | | |
| | | | | | Permit Req. | | | | | >= | 6.0 MINIMUM | | | <= | 9.0 MAXIMUM | 12 - SU | 01/07 - Weekly | GR - GRAB | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | = | 12.0 | = | 24.0 | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | |
| | | | | | Permit Req. | | | | | | <= | 30.0 MO AVG | <= | 45.0 MX WK AV | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 00600 | Nitrogen, total [as N] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | = | 26.925 | = | 34.1 | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | |
| | | | | | Permit Req. | | | | | | | Req Mon MO AVG | | Req Mon DAILY MX | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 2 | -- | Sample | | | | | | | = | 4.88 | = | 13.3 | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | |
| | | | | | Permit Req. | | | | | | <= | 10.0 MO AVG | <= | 15.0 DAILY MX | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | = | 4.29 | = | 4.78 | 19 - mg/L | 01/07 - Weekly | 24 - COMP24 | | | | |
| | | | | | Permit Req. | | | | | | | Req Mon MO AVG | | Req Mon MX WK AV | 19 - mg/L | 01/07 - Weekly | 24 - COMP24 | | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 0.094 | = | 0.22 | | | | | | | | 03 - MGD | 01/07 - Weekly | IN - INSTAN | | | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon DAILY MX | | | | | | | | | | | 03 - MGD | 01/07 - Weekly | IN - INSTAN |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 50060 | Chlorine, total residual | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | < | 0.01 | < | 0.01 | 19 - mg/L | 01/07 - Weekly | GR - GRAB | | | | |
| | | | | | Permit Req. | | | | | | | <= | 0.011 MO AVG | <= | 0.019 DAILY MX | 19 - mg/L | 01/07 - Weekly | GR - GRAB | | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | | | |
| 51040 | E. coli | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | < | 1.0 | < | 1.0 | 13 - #/100mL | 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 | | | | | | | | | | | | | | | | | |
| X 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | | = | 14.0 | = | 34.0 | 19 - mg/L | 01/07 - Weekly | CP - COMPOS | | | | |
| | | | | | Permit Req. | | | | | | | <= | 10.0 MO AVG | <= | 15.0 MX WK AV | 19 - mg/L | 01/07 - Weekly | 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 | | | | | | |
|--------------------------|---------------------------------|---------------------|---|------|---|-------------|
| Code | Parameter Name | Monitoring Location | Field | Type | Description | Acknowledge |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | Quality or Concentration Sample Value 3 | Soft | The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. | Yes |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | Quality or Concentration Sample Value 2 | Soft | The provided sample value is outside the permit limit. Please verify that the value you have provided is correct. | Yes |

Comments

Attachments

| Name | Type | Size |
|-------------------------|------|---------|
| LAKEWOOD_COVER_1_24.pdf | pdf | 39237.0 |

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: 2024-02-26 13:25 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG
Name: Charles Smither
E-Mail: alex.smither@louisvillemmsd.org
Date/Time: 2024-02-26 13:25 (Time Zone: -05:00)