



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

January 12, 2022

Crystal Dennis  
Permit Support Section  
Surface Water Permits Branch  
Division of Water  
200 Fair Oaks Lane, 4<sup>th</sup> floor  
Frankfort, KY 40601

Subject: Bullitt Co Sewer District, November DMR's

Dear Ms. Dennis:

On behalf of the Bullitt County Sewer District (BCSD), which dissolved on December 1, 2021, when Louisville MSD took ownership. I will be submitting the following plants Discharge Monitoring Reports for the reporting period of November 1 through November 30, 2021. The submittal of the DMR's is being completed in good faith effort to keep the regulatory reports current and up to date with the Division of water.

Please understand that during this monitoring period no one at Louisville MSD had any control over these plants, performed any operational activities or performed any of the regulated discharge sampling. BCSD employees were primarily responsible for operational control during this reporting period. In addition Beckmar Environmental Laboratory completed the regulatory field sampling and entered the data into Net DMR.

KY0103900 Hillview WWTP (Prologis)  
KY0034185 Pioneer Village  
KY0034169 Hillview #2  
KY0034151 Hillview #1  
KY0034801 Bullitt Hills  
KY0034177 Hillview #3  
KY0094307 Willabrook  
KY0072168 Big Valley

Should you have any additional questions, please contact me at (502) 540-6222 or [john.kessel@louisvillemsd.org](mailto:john.kessel@louisvillemsd.org).

Sincerely,

John Kessel  
Assistant Director of Treatment Facilities

JMK / BCSD / 012022

cc: B. Tinnell  
[RecordsRequest@louisvillemsd.org](mailto:RecordsRequest@louisvillemsd.org)

**DMR Copy of Record**

|                    |                         |                    |   |
|--------------------|-------------------------|--------------------|---|
| <b>Permit</b>      |                         |                    |   |
| Permit #:          | KY0034169               | 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>Sanitary Discharge                               |
| Facility:          |                         | Facility Location: | BCSD HILLVIEW #2<br>376 NORWOOD WAY<br>HILLVIEW, KY 40229 |

|                                  |                           |               |          |
|----------------------------------|---------------------------|---------------|----------|
| <b>Report Dates &amp; Status</b> |                           |               |          |
| Monitoring Period:               | From 11/01/21 to 11/30/21 | DMR Due Date: | 12/28/21 |
| Status:                          | NetDMR Validated          |               |          |

**Considerations for Form Completion**

|                                    |         |            |              |
|------------------------------------|---------|------------|--------------|
| <b>Principal Executive Officer</b> |         |            |              |
| First Name:                        | Jerry   | Title:     | BCSD         |
| Last Name:                         | Kennedy | Telephone: | 502-957-6140 |

**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              | =       | 7.0            |         |                  |                          | =              | 7.0            |                  |                |                    | 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              | =       | 7.01           |         |                  |                          | =              | 7.92           |                  |                | 12 - SU            | 0                     | 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              | =       | 10.87          | =       | 17.26            | 26 - lb/d                | =              | 8.0            | =                | 15.0           | 19 - mg/L          | 0                     | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | Permit Req.         | <=      | 80.1 MO AVG    | <=      | 120.2 MX WK AV   | 26 - lb/d                | <=             | 30.0 MO AVG    | <=               | 45.0 MX WK AV  | 19 - mg/L          |                       | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | Value NODI          |         |                |         |                  |                          |                |                |                  |                |                    |                       |                      |                      |           |
| 00600 | Nitrogen, total [as N]                   | 1 - Effluent Gross  | 0        | --          | Sample              | =       |                |         |                  |                          | =              | 18.0           | =                | 27.0           | 19 - mg/L          | 0                     | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | Permit Req.         |         |                |         |                  |                          | Req Mon MO AVG |                | Req Mon DAILY MX | 19 - mg/L      | 01/07 - Weekly     |                       | 24 - COMP24          |                      |           |
|       |  |                     |          |             | Value NODI          |         |                |         |                  |                          |                |                |                  |                |                    |                       |                      |                      |           |
| 00610 | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 2        | --          | Sample              | =       | 0.267          | =       | 0.444            | 26 - lb/d                | <              | 0.2            | <                | 0.2            | 19 - mg/L          | 0                     | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | Permit Req.         | <=      | 26.7 MO AVG    | <=      | 40.1 MX WK AV    | 26 - lb/d                | <=             | 10.0 MO AVG    | <=               | 15.0 MX WK AV  | 19 - mg/L          |                       | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | Value NODI          |         |                |         |                  |                          |                |                |                  |                |                    |                       |                      |                      |           |
| 00665 | Phosphorus, total [as P]                 | 1 - Effluent Gross  | 0        | --          | Sample              | =       |                |         |                  |                          | =              | 2.6            | =                | 4.1            | 19 - mg/L          | 0                     | 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              | =       | 0.207          | =       | 0.55             | 03 - MGD                 |                |                |                  |                |                    | 0                     | 99/99 - Continuous   | RC - Recorder (auto) |           |
|       |  |                     |          |             | Permit Req.         |         | Req Mon MO AVG |         | Req Mon MX WK AV | 03 - MGD                 |                |                |                  |                | 99/99 - Continuous |                       | RC - Recorder (auto) |                      |           |
|       |  |                     |          |             | Value NODI          |         |                |         |                  |                          |                |                |                  |                |                    |                       |                      |                      |           |
| 50060 | Chlorine, total residual                 | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.01           | =       | 0.01             | 19 - mg/L                |                |                |                  |                | 0                  | 01/07 - Weekly        | GR - GRAB            |                      |           |
|       |  |                     |          |             | Permit Req.         |         |                |         |                  |                          | <=             | 0.011 MO AVG   | <=               | 0.019 MX WK AV |                    | 19 - mg/L             | 01/07 - Weekly       | GR - GRAB            |           |
|       |  |                     |          |             | Value NODI          |         |                |         |                  |                          |                |                |                  |                |                    |                       |                      |                      |           |
| 51040 | E. coli                                  | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 2.0            | =       | 39.0             | 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              | =       | 6.918          | =       | 13.31            | 26 - lb/d                | =              | 5.0            | =                | 6.0            | 19 - mg/L          | 0                     | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | Permit Req.         | <=      | 40.1 MO AVG    | <=      | 60.1 MX WK AV    | 26 - lb/d                | <=             | 15.0 MO AVG    | <=               | 22.5 MX WK AV  | 19 - mg/L          |                       | 01/07 - Weekly       | 24 - COMP24          |           |
|       |  |                     |          |             | 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: kessel@louisvillemsd.org  
Name: John Kessel  
E-Mail: kessel@louisvillemsd.org  
Date/Time: 2022-01-12 13:08 (Time Zone: -05:00)

**Report Last Signed By**

User: kessel@louisvillemsd.org  
Name: John Kessel  
E-Mail: kessel@louisvillemsd.org  
Date/Time: 2022-01-12 13:08 (Time Zone: -05:00)