



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

November 15, 2023

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

**RE: Bullitt Hills STP, KPDES No: KY0034801  
Discharge Monitoring Report for October 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Bullitt Hills STP, for the month of October 2023.

There were no overflows, discharge or bypass to report.

MSD had Two exceedances for the month of October. TSS monthly and weekly.  
MSD staff wasted and reseeded. And now back in compliance

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Jon Baldrige  
Process Supervisor

JSS/ BH 10/23.

Cc: V. Teague / B. Tinnell

DMR Copy of Record

|                    |                         |                    |  |                    |   |
|--------------------|-------------------------|--------------------|--|--------------------|---|
| <b>Permit</b>      |                         |                    |  |                    |   |
| Permit #:          | KY0034801               | Permittee:         | Louisville and Jefferson County MSD      | Facility:          | BCSD BULLITT HILLS SUBDIVISION          |
| Major:             | No                      | Permittee Address: | 700 W Liberty St<br>Louisville, KY 40203 | Facility Location: | 12105 PRESTON HWY<br>HILLVIEW, KY 40229 |
| Permitted Feature: | 001<br>External Outfall | Discharge:         | 001-1<br>Domestic Wastewater             |                    |   |

|   |                           |               |          |         |                  |
|---|---------------------------|---------------|----------|---------|------------------|
| <b>Report Dates &amp; Status</b>          |                           |               |          |         |                  |
| Monitoring Period:                        | From 10/01/23 to 10/31/23 | DMR Due Date: | 11/28/23 | Status: | NetDMR Validated |
| <b>Considerations for Form Completion</b> |                           |               |          |         |                  |

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

|                                 |    |  |  |  |  |
|---------------------------------|----|--|--|--|--|
| <b>No Data Indicator (NODI)</b> |    |  |  |  |  |
| 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              |         |                |         |                  | =                        | 7.3          |                |                |                  |                | 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              |         |                |         |                  | =                        | 6.4          |                |                | =                | 6.8            | 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          |         |                |         |                  |                          |              |                |                |                  |                |                       |             |                |             |
| X 00530 | Solids, total suspended                  | 1 - Effluent Gross  | 0        | --          | Sample              |         |                |         |                  |                          |              | <              | 40.0           | =                | 98.0           | 19 - mg/L             | 2           | 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              |         |                |         |                  |                          |              | =              | 37.2           | =                | 42.8           | 19 - mg/L             | 0           | 01/07 - Weekly | CP - COMPOS |
|         |  |                     |          |             | Permit Req.         |         |                |         |                  |                          |              | Req Mon MO AVG |                | Req Mon MX WK AV | 19 - mg/L      | 01/07 - Weekly        |             | CP - COMPOS    |             |
|         |  |                     |          |             | Value NODI          |         |                |         |                  |                          |              |                |                |                  |                |                       |             |                |             |
| 00610   | Nitrogen, ammonia total [as N]           | 1 - Effluent Gross  | 1        | --          | Sample              |         |                |         |                  |                          |              | <              | 1.5            | =                | 3.0            | 19 - mg/L             | 0           | 01/07 - Weekly | CP - COMPOS |
|         |  |                     |          |             | Permit Req.         |         |                |         |                  |                          | <=           | 4.0 MO AVG     | <=             | 6.0 DAILY MX     | 19 - mg/L      | 01/07 - Weekly        |             | CP - COMPOS    |             |
|         |  |                     |          |             | Value NODI          |         |                |         |                  |                          |              |                |                |                  |                |                       |             |                |             |
| 00665   | Phosphorus, total [as P]                 | 1 - Effluent Gross  | 0        | --          | Sample              |         |                |         |                  |                          |              | =              | 4.7            | =                | 7.4            | 19 - mg/L             | 0           | 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          |         |                |         |                  |                          |              |                |                |                  |                |                       |             |                |             |
| 50050   | Flow, in conduit or thru treatment plant | 1 - Effluent Gross  | 0        | --          | Sample              | =       | 0.206          | =       | 0.345            | 03 - MGD                 |              |                |                |                  |                |                       | 0           | 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             | 0           | 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          | 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              |         |                |         |                  |                          |              | <              | 7.0            | =                | 12.0           | 19 - mg/L             | 0           | 01/07 - Weekly | CP - COMPOS |
|         |  |                     |          |             | Permit Req.         |         |                |         |                  |                          |              | <=             | 25.0 MO AVG    | <=               | 37.5 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.

| <b>Edit Check Errors</b> |                         |                     |   |      |  |             |
|--------------------------|-------------------------|---------------------|---|------|--|-------------|
| Code                     | Parameter Name          | Monitoring Location | Field                                   | Type | Description  | Acknowledge |
| 00530                    | Solids, total suspended | 1 - Effluent Gross  | Quality or Concentration Sample Value 3 | Soft | The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b> | Yes         |
| 00530                    | Solids, total suspended | 1 - Effluent Gross  | Quality or Concentration Sample Value 2 | Soft | The provided sample value is outside the permit limit. <b>Please verify that the value you have provided is correct.</b> | Yes         |

**Comments**

**Attachments**

| Name            | Type | Size    |
|-----------------|------|---------|
| BlitttHills.pdf | pdf  | 38099.0 |

**Report Last Saved By**

**Louisville and Jefferson County MSD**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemSD.org  
Date/Time: 2023-11-16 09:04 (Time Zone: -05:00)

**Report Last Signed By**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemSD.org  
Date/Time: 2023-11-16 09:17 (Time Zone: -05:00)