



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

July 21st, 2022

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

**RE: Willabrook STP, KPDES No: KY0094307
Discharge Monitoring Report for June 2022.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Willabrook STP, for the month June 2022.

There were no overflows, exceedances or bypasses

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

Sincerely,

Joseph Shaun Smith
Process Supervisor

JSS/ Willabrook 06/22.

Cc: V. Teague/B. Tinnell

DMR Copy of Record

| | | | |
|--------------------|-------------------------|--------------------|--|
| Permit | | | |
| Permit #: | KY0094307 | Permittee: | Louisville and Jefferson County MSD |
| Major: | No | Permittee Address: | 700 W Liberty St Louisville, KY 40203 |
| Permitted Feature: | 001 External Outfall | Discharge: | 001-1 Domestic Wastewater |
| Facility: | | Facility Location: | BCSD WILLABROOK SANITATION I 65 & BROOKS RD SHEPHERDSVILLE, KY 40109 |

| | | | |
|----------------------------------|---------------------------|---------------|----------|
| Report Dates & Status | | | |
| Monitoring Period: | From 06/01/22 to 06/30/22 | DMR Due Date: | 07/28/22 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion

| | | | |
|------------------------------------|---------|------------|--------------------|
| Principal Executive Officer | | | |
| First Name: | James | Title: | Executive Director |
| Last Name: | Parrott | 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 | | | | | | = | 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 | | | | | | = | 7.1 | | | = | 7.89 | 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 | | | | | | | < | 6.0 | < | 6.0 | 19 - mg/L | 0 | 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 | | | | | | = | 11.0 | = | 15.0 | 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 | | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 1 | -- | Sample | | | | | | = | 1.1 | = | 2.0 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | | |
| | | | | | Permit Req. | | | | | <= | 2.0 MO AVG | <= | 3.0 DAILY MX | 19 - mg/L | 01/07 - Weekly | | CP - COMPOS | | | |
| | | | | | Value NODI | | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | | | | | | = | 3.2 | = | 3.6 | 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 | = | 0.119 | = | 0.162 | 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 | | | | | | | | | | | | | | | |
| 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 | | | | | | = | 5.0 | = | 7.0 | 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 | = | 8.0 | 19 - mg/L | 0 | 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
No errors.

Comments

| Attachments | | |
|--------------------|------|------|
| Name | Type | Size |

Report Last Saved By

Louisville and Jefferson County MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name: Joseph Smith
E-Mail: joseph.smith@louisvillemmsd.org
Date/Time: 2022-07-22 07:52 (Time Zone: -04:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name: Joseph Smith
E-Mail: joseph.smith@louisvillemmsd.org
Date/Time: 2022-07-22 08:13 (Time Zone: -04:00)