



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

September 25, 2018

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

**RE: Floyds Fork WQTC, KPDES No: KY0102784
Discharge Monitoring Report for August 2018.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Floyds Fork Water Quality Treatment Center for the month of August 2018.

Also, attached is an overflow report.

There were no exceedances or bypasses to report.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6952.

Sincerely,

William Ford
Process Supervisor-Operations

WF/ Floyds Fork 08/18.

Cc: V. Teague
R. Shaw

DMR Copy of Record

| | | | |
|---------------------------|-------------------------|---------------------------|--|
| Permit | | | |
| Permit #: | KY0102784 | Permittee: | Floyds Fork WQTC MSD |
| Major: | Yes | Permittee Address: | 700 W Liberty St Louisville, KY 40203 |
| Permitted Feature: | 001 External Outfall | Discharge: | 001-1 MUNICIPAL DISCHARGE |
| Facility: | | Facility Location: | FLOYDS FORK WQTC MSD 1100 BLUE HERON RD LOUISVILLE, KY 40245 |

| | | | |
|----------------------------------|----------------------------------|----------------------|-----------------|
| Report Dates & Status | | | |
| Monitoring Period: | From 08/01/18 to 08/31/18 | DMR Due Date: | 09/28/18 |
| Status: | NetDMR Validated | | |

Considerations for Form Completion

| | | | |
|------------------------------------|----------|-------------------|--------------------|
| Principal Executive Officer | | | |
| First Name: | James A. | 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 | | | | = | 7 | | | | 19 - mg/L | 0 | 01/07 - Weekly | GR - GRAB |
| | | | | | Permit Req. | >= | 7 INST MIN | | | | | | | | 19 - mg/L | 0 | 01/07 - Weekly | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00400 | pH | 1 - Effluent Gross | 0 | -- | Sample | = | 7.1 | | | | = | 7.4 | | | 12 - SU | 0 | 01/07 - Weekly | GR - GRAB | |
| | | | | | Permit Req. | >= | 6 MINIMUM | | | | | | | | 12 - SU | 0 | 01/07 - Weekly | GR - GRAB | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | 1 - Effluent Gross | 0 | -- | Sample | = | 110 | = | 142 | 26 - lb/d | = | 3 | = | 3 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | <= | 1626 MO AVG | <= | 2439 MX WK AV | 26 - lb/d | <= | 30 MO AVG | <= | 45 MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00530 | Solids, total suspended | G - Raw Sewage Influent | 0 | -- | Sample | = | | | | | = | 251 | = | 464 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | Req Mon MO AVG | | Req Mon MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00600 | Nitrogen, total [as N] | 1 - Effluent Gross | 0 | -- | Sample | = | | | | | = | 9 | = | 14 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | Req Mon MO AVG | | Req Mon MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00610 | Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 1 | -- | Sample | = | 10 | = | 11 | 26 - lb/d | = | 0.3 | = | 0.4 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | <= | 54.2 MO AVG | <= | 81.3 MX WK AV | 26 - lb/d | <= | 1 MO AVG | <= | 1.5 MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 00665 | Phosphorus, total [as P] | 1 - Effluent Gross | 0 | -- | Sample | = | 11 | = | 14.2 | 26 - lb/d | = | 0.3 | = | 0.3 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | <= | 27.1 MO AVG | <= | 40.7 MX WK AV | 26 - lb/d | <= | 0.5 MO AVG | <= | 0.75 MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | -- | Sample | = | 4.17 | = | 5.562 | 03 - MGD | | | | | | 0 | 99/99 - Continuous | CN - CONTIN | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon MX WK AV | 03 - MGD | | | | | | 0 | 99/99 - Continuous | RE - Record (manual) | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 50050 | Flow, in conduit or thru treatment plant | G - Raw Sewage Influent | 0 | -- | Sample | = | 3.523 | = | 5.027 | 03 - MGD | | | | | | 0 | 99/99 - Continuous | CN - CONTIN | |
| | | | | | Permit Req. | | Req Mon MO AVG | | Req Mon MX WK AV | 03 - MGD | | | | | | 0 | 99/99 - Continuous | RE - Record (manual) | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 51040 | E. coli | 1 - Effluent Gross | 0 | -- | Sample | = | | | | | = | 1 | = | 2 | 13 - #/100mL | 0 | 01/07 - Weekly | GR - GRAB | |
| | | | | | Permit Req. | | | | | | | <= | 130 30DA GEO | <= | 240 7 DA GEO | 13 - #/100mL | 0 | 01/07 - Weekly | GR - GRAB |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 80082 | BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | -- | Sample | = | 179 | = | 268 | 26 - lb/d | = | 5 | = | 7 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | <= | 325 MO AVG | <= | 488 MX WK AV | 26 - lb/d | <= | 6 MO AVG | <= | 9 MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 80082 | BOD, carbonaceous [5 day, 20 C] | G - Raw Sewage Influent | 0 | -- | Sample | = | | | | | = | 169 | = | 252 | 19 - mg/L | 0 | 01/07 - Weekly | CP - COMPOS | |
| | | | | | Permit Req. | | | | | | | | Req Mon MO AVG | | Req Mon MX WK AV | 19 - mg/L | 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 80091 | BOD, carb-5 day, 20 deg C, percent removal | K - Percent Removal | 0 | -- | Sample | = | 97 | | | | | | | | 23 - % | 0 | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Permit Req. | >= | 85 MO AV MN | | | | | | | | 23 - % | 0 | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Value NODI | | | | | | | | | | | | | | |
| 81011 | Solids, suspended percent removal | K - Percent Removal | 0 | -- | Sample | = | 99 | | | | | | | | 23 - % | 0 | 01/30 - Monthly | CA - CALCTD | |
| | | | | | Permit Req. | >= | 85 MO AV MN | | | | | | | | 23 - % | 0 | 01/30 - Monthly | CA - CALCTD | |
| | | | | | 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 |
|--|------|-------|
| FFCoverLetter082018.pdf | pdf | 54379 |
| FFMOR082018.pdf | pdf | 81888 |
| August2018_OverflowReport_FloydsFork.pdf | pdf | 98057 |

Report Last Saved By

Floyds Fork WQTC MSD

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2018-09-25 07:43 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2018-09-25 08:05 (Time Zone: -04:00)

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0294 FLOYDS FORK, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES # | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0102784 | MSD0294 | FLOYDS FORK | FLOYDS FORK | EAST |

| Facility Type | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-----------------------|--|------------------|--------------|
| SMH Sewer Manhole | 33003 | 815 TUCKER STATION RD | | POPE LICK | STREAM |

| Activity Code / Description | WO # | Ref No | Initiated | Initiated By | Assigned To | Disch Status | Event Date | Problem | Result | Completed | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2965175 | | 08/16/2018 | SMITH | SMITH | DOCUMENTED | 08/16/2018 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 08/16/18 02:20 PM | MAIN |

Discharge Reporting:

| | |
|----------------------|---|
| Discharge Amount: | 4,750 GAL |
| Cause: | RAIN EVENT / HEAVY RAIN. |
| Clean Up: | REFER TO MAINTENANCE FOR CLEANING. |
| Control Zone: | CAUTION TAPE. |
| Impact: | MOSTLY CLEAR FLOW COMING OUT FROM RIM OF MANHOLE. |
| Repair: | SITE FOUND DURING RECON, WILL BE MONITORED AND EVALUATED. |
| Public Notification: | CONTROL ZONE USED TO NOTIFY PUBLIC. |

Notifications:

| | | |
|-----------------|--------|---|
| 8/17/18 1:00 am | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|

Report Selections: Period: 08/01/2018 00:00 thru 08/31/2018 23:59, treatment Plant: MSD0294 FLOYDS FORK, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

| KPDES # | Facility ID | Water Quality Treatment Center | Receiving Stream of Treatment Center | Region |
|-----------|-------------|--------------------------------|--------------------------------------|--------|
| KY0102784 | MSD0294 | FLOYDS FORK | FLOYDS FORK | EAST |

| Facility Type | Facility ID | Facility Address | If Pump Station, Name of Pump Station: | Receiving Stream | Discharge to |
|-------------------|-------------|-----------------------|--|------------------|--------------|
| SMH Sewer Manhole | 65516 | 12400 BRIERLY HILL PL | | POPE LICK | GROUND |

| Activity Code / Description | WO # | Ref No | Initiated | Initiated By | Assigned To | Disch Status | Event Date | Problem | Result | Completed | Condition |
|--------------------------------|---------|--------|------------|--------------|-------------|--------------|------------|-------------------------|---------------------------------|-------------------|-----------|
| : DISREV: RAIN EVENT DISCHARGE | 2964977 | | 08/16/2018 | SMITH | SMITH | DOCUMENTED | 12/27/2015 | LACK OF SYSTEM CAPACITY | UNAUTHORIZED DISCHARGE - WATERS | 08/16/18 02:20 PM | MAIN |

Discharge Reporting:

| | |
|----------------------|---|
| Discharge Amount: | 4,750 GAL |
| Cause: | RAIN EVENT / HEAVY RAIN. |
| Clean Up: | REFER TO MAINTENANCE FOR CLEANING. |
| Control Zone: | CAUTION TAPE. |
| Impact: | MOSTLY CLEAR FLOW COMING OUT FROM RIM OF MANHOLE. |
| Repair: | SITE FOUND DURING RECON, WILL BE MONITORED AND EVALUATED. |
| Public Notification: | CONTROL ZONE USED TO NOTIFY PUBLIC. |

Notifications:

| | | |
|-----------------|--------|---|
| 8/16/18 1:00 pm | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
| 8/16/18 1:00 pm | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION |

Total Facilities Printed: 2

Total Work Orders Printed: 2

