

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

March 24, 2022

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

RE: Cedar Creek WQTC, KPDES No: KY0098540 Discharge Monitoring Report for February 2022.

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC for the month of February 2022.

There were no exceedances or bypasses. Also, attached are the overflow reports.

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

Sincerely,

William E. Ford

Process Supervisor-Operations

WEF/ Cedar Creek. 2/22.

Enclosures

Cc:

V. Graves

B. Tinnell

M. Saylor

DMR Copy of Record

Permit

KY0098540 Permit #:

Yes Major:

Permittee: Cedar Creek WQTC MSD

700 W Liberty St Louisville, KY 40203 Permittee Address:

Facility Location:

Facility:

8405 CEDAR CREEK RD LOUISVILLE, KY 40291

CEDAR CREEK WQTC MSD

Discharge: **Permitted Feature:** 001 001-1 External Outfall

MUNICIPAL DISCHARGE

Report Dates & Status

DMR Due Date: Status: From 02/01/22 to 02/28/22 03/28/22 NetDMR Validated **Monitoring Period:**

Considerations for Form Completion

Principal Executive Officer

Title: Telephone: First Name: James A. **Executive Director** 502-540-6000

| ast Name: Parrott | | | | | | | | | | | | | | | | | |
|--|-------------------------|------------|----------------|--|----------------|----------------|-----------------|------------|-------------|---------------|-------------|------------------|-----------|------------------|----------------|-----------------------------|------------------|
| lo Data Indicator (NODI) | | | | | | | | | | | | | | | | | |
| orm NODI: | | | | | | | | | | | | | | | | | |
| Parameter | Monitoring Location | Season # | # Param. NOD | ı | Qu | antity or Load | lina | | | | | Quality or Conce | entration | | # of | Ex. Frequency of Analysis | Sample Type |
| Code Name | monitoring Location | Occioon ii | , r urumi 1105 | Qualifier 1 | Value 1 | Qualifier 2 | Value 2 | Units | Qualifier 1 | Value 1 | Qualifier 2 | | Qualifier | 3 Value 3 | Units | zxi i roquonoy or xilalyolo | Gumpio Typo |
| | | | | Sample | | | | | = | 8.0 | | | | | 19 - mg/L | 01/07 - Weekly | GR - GRAB |
| Oxygen, dissolved [DO] | 1 - Effluent Gross | 0 | | Permit Req. | | | | | >= | 7.0 INST MIN | | | | | 19 - mg/L 0 | 01/07 - Weekly | GR - GRAB |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | = | 7.3 | | | = | | 12 - SU | 01/07 - Weekly | GR - GRAB |
| 0400 pH | 1 - Effluent Gross | 0 | | Permit Req. | | | | | >= | 6.0 MINIMUM | | | <= | 9.0 MAXIMUM | 12 - SU 0 | 01/07 - Weekly | GR - GRAB |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample = | 166.0 | | 55.0 | 26 - lb/d | | | = | 3.0 | = | | 19 - mg/L | , | CP - COMPOS |
| O530 Solids, total suspended | 1 - Effluent Gross | 0 | | Permit Req. <= | 1877.0 MO AVG | <= 2 | 815.0 MX WK AV | 26 - lb/d | | | <= | 30.0 MO AVG | <= | 45.0 MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | | | = | 260.0 | = | | 19 - mg/L | 01/07 - Weekly | CP - COMPOS |
| 0530 Solids, total suspended | G - Raw Sewage Influent | 0 | | Permit Req. | | | | | | | | Req Mon MO AV | G | Req Mon MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | | | | 5.0 | = | 7.0 | 19 - mg/L | 01/07 - Weekly | CP - COMPOS |
| 0600 Nitrogen, total [as N] | 1 - Effluent Gross | 0 | | Permit Req. | | | | | | | | Req Mon MO AV | G | Req Mon MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | The second secon | 20.0 | | 6.0 | 26 - Ib/d | | | = | 0.3 | = | | 19 - mg/L | 01/07 - Weekly | CP - COMPOS |
| 0610 Nitrogen, ammonia total [as N] | 1 - Effluent Gross | 2 | | Permit Req. <= | 626.0 MO AVG | <= 9 | 39.0 MX WK AV | 26 - lb/d | | | <= | 10.0 MO AVG | <= | 15.0 MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | | | | 0.3 | = | | 19 - mg/L | | CP - COMPOS |
| 0665 Phosphorus, total [as P] | 1 - Effluent Gross | 2 | | Permit Req. | | | | | | | <= | 2.0 MO AVG | <= | 3.0 MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | | 8.74 | | 0.352 | 03 - MGD | | | | | | | | 99/99 - Continuous | CN - CONTIN |
| Flow, in conduit or thru treatment plant | 1 - Effluent Gross | 0 | | Permit Req. | Req Mon MO AVO | 6 R | Req Mon MX WK A | / 03 - MGD | | | | | | | 0 | 99/99 - Continuous | RE - Record (man |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | | 7.296 | | .575 | 03 - MGD | | | | | | | | | CN - CONTIN |
| Flow, in conduit or thru treatment plant | G - Raw Sewage Influent | 0 | | | Req Mon MO AVO | 6 R | Req Mon MX WK A | / 03 - MGD | | | | | | | 0 | 99/99 - Continuous | RE - Record (man |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | | | | 2.0 | = | | 13 - #/100mL | • | GR - GRAB |
| 1040 E. coli | 1 - Effluent Gross | 0 | | Permit Req. | | | | | | | <= | 130.0 30DA GEC |) <= | 240.0 7 DA GEO | 13 - #/100mL 0 | 01/07 - Weekly | GR - GRAB |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | | 136.0 | | 70.0 | 26 - Ib/d | | | | 3.0 | = | | 19 - mg/L | | CP - COMPOS |
| BOD, carbonaceous [5 day, 20 C] | 1 - Effluent Gross | 0 | | | 626.0 MO AVG | <= 9 | 39.0 MX WK AV | 26 - lb/d | | | <= | 10.0 MO AVG | <= | 15.0 MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | | | | 125.0 | = | | 19 - mg/L | | CP - COMPOS |
| BOD, carbonaceous [5 day, 20 C] | G - Raw Sewage Influent | 0 | | Permit Req. | | | | | | | | Req Mon MO AV | G | Req Mon MX WK AV | 19 - mg/L 0 | 01/07 - Weekly | 24 - COMP24 |
| | | | | Value NODI | | | | | | | | | | | | | |
| | | | | Sample | | | | | | 98.0 | | | | | 23 - % | | CA - CALCTD |
| BOD, carb-5 day, 20 deg C, percent removal | K - Percent Removal | 0 | | Permit Req. | | | | | >= | 85.0 MO AV MN | 1 | | | | 23 - % | 01/30 - Monthly | CA - CALCTD |
| | | | | Value NODI | | | | | | | | | | | | | |

| | | | | Sample | | | | = | | 9.0 | | | 23 - % | | 01/30 - Monthly | CA - CALCTD |
|--|----------------------------|-------------|---------------|------------------|-------------------------|-----------------|-----------------|--------------|-----------|----------------|--------------|----------|----------|---|-----------------|-------------|
| 81011 Solids, suspended percent removal | K - Percent Removal | 0 | | Permit Req. | | | | >= | = 8 | 5.0 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 Tr | ading, the | en none of th | ne following fie | lds will be submitted f | for that row: I | Units, Number o | f Excursions | s, Freque | ency of Analys | is, and Samp | le Type. | | | | |
| Edit Check Errors | | | | | | | | | | | | | | | | |
| No errors. | | | | | | | | | | | | | | | | |
| Comments | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | |
| Attachments | | | | | | | | | | | | | | | | |
| | | | Name | ne | | | | | | | | Туре | | | Size | |
| CCMOR022022.pdf | | | | | | | | | | | odf | | 195535.0 | | | |
| CCDischargeReport022022.pdf | | | | | | | | | | | odf | | 829241.0 | | | |
| CCCoverletter022022.pdf | | | | | | | | | | | odf | | 35394.0 | | | |
| Report Last Saved By | | | | | | | | | | | | | | | | |
| Cedar Creek WQTC MSD | | | | | | | | | | | | | | | | |
| User: | staci.huber@ | @louisville | emsd.org | | | | | | | | | | | | | |
| Name: | Staci Hube | | | | | | | | | | | | | | | |
| E-Mail: | staci.huber@ | | emsd.org | | | | | | | | | | | | | |
| Date/Time: | 2022-03-28 | | | -04:00) | | | | | | | | | | | | |
| Report Last Signed By | | | | , | | | | | | | | | | | | |
| User: | WILLIAM.F | ORD@LC | DUISVILLEMS | ISD.ORG | | | | | | | | | | | | |
| Name: | William Fo | | | 02.0.1.5 | | | | | | | | | | | | |
| E-Mail: | william.ford@ | | emsd ora | | | | | | | | | | | | | |
| L Iviaii. | William 3. 4. | 310010110 | illou.org | | | | | | | | | | | | | |

2022-03-28 09:47 (Time Zone: -04:00)

Date/Time:

NAME OF TREATMENT PLANT CEDAR CREEK WTP COUNTY **JEFFERSON** MONTH OF: February 2022 KPDES PERMIT NUMBER KY0098540 PLANT CAPACITY 7.5 MGD RECEIVING STREAM CEDAR CREEK SETTLEABLE SUSPENDED SOLIDS (mg/L) OXYGEN (mg/L) SOLIDS (mg/L) 5 DAY CBOD (mg/L ACTIVATED SLUDGE AERATION BASIN SEWAGE SLUDGE HANDLING FINAL TOTAL FLOW (MILLION GALLONS) BELOW DISSOLVED OXYGEN (mg/L) MLSS (mg/L) × 1000 GRIT REMOVED (CUBIC FEET) FINAL EFFLUENT FINAL EFFLUENT STREAM ABOVE EFFLUENT FINAL EFFLUENT SLUDGE RETURN SCREENINGS (CUBIC FEET) RAW HAULED (mg/L) VOLUME TOTAL FLOW INF. (MILLION GALLONS) PRIMARY EFFLUENT PRIMARY EFFLUENT PRIMARY EFFLUENT DRY SOLIDS Total Phosphorus GAL/DAY X 1000 GAL/DAY X 1000 STREAM MLVSS (X 1000 NH3-N FINAL Σ FINAL ECOLI ALSS 1000 VOLA RAW RAW DRY S 1 4.47 2.48 226 133 7400 650 2.48 3 2.94 80000 5.5 3000 2600 3.87 107.1 0.20 0.3 7.03 3.8719928 2 6.53 2.48 2.48 8.0 8.1 2.63 7920 80000 4 3110 2680 600 7.24 5.5967994 80000 6.2 2570 3 14.03 2.48 2.48 3.32 9650 1840 400 14.56 132.3 14.557755 80000 6.4 2270 1600 400 11.06 4 13.18 2.48 2,48 4.58 7750 11.057832 ol 5 10.28 2.48 2.48 3.76 80000 6.4 540 8.65 ٥l 8.6535683 6 9.63 2.48 2.48 80000 4.4 550 8.2 8.2091131 ol 7 9.26 2.48 2.48 4.55 10180 100000 5.2 2280 1820 400 6.88 88.2 6.8881397 185 111 3.87 8780 100000 4.5 3070 2510 450 8 8.24 2.48 2.48 3 5.77 0.3 3.78 5.7779074 75.6 0.36 2.48 7.3 3 9550 100000 5.3 3350 2890 650 5.54 9 7.00 2.48 8.4 5.5417352 5.1 3080 6.22 2.48 3 9470 100000 2610 580 5.28 10 2.48 254 3 119.7 5.282733 10090 100000 11 5.85 2.48 2,48 5.6 3200 2690 570 5.03 75.6 5.0385947 540 4.9154062 12 5.56 2.48 2.48 100000 4.91 13 5.56 2.48 2.48 217 3.01 100000 5.5 540 4.86 4.9154062 14 5.18 2.48 2.48 2.9 8580 100000 4.9 3300 2810 550 4.54 94.5 4.5423155 5.5 3210 5.02 2.48 423 161 8760 100000 2510 650 4.39 0.3 4.3937902 15 2.48 ol 0.33 6.4 5.1 3270 2650 16 4.87 2.48 2.48 8.0 9.0 2.72 9850 100000 590 4.31 4.3937902 ٥l 8930 100000 4 3160 2400 17 9.88 2.48 2.48 3.05 600 6.87 151.2 6.8700938 14.33 2.48 2.48 4.31 8600 100000 6 3130 2470 550 11.45 11.450519 18 69.3 6.8 19 10.31 2.48 2.48 3.51 100000 550 8.54 119.7 8.5370445 100000 530 20 8.93 2.48 2.48 4.6 7.58 ol 7.581471 21 7.91 2.48 2.48 4.25 7590 100000 6.1 2980 2420 510 6.18 75.6 6.1851239 5.4 3320 2700 500 22 10.19 2.48 2.48 257 95 4.32 8380 100000 8.97 75.6 0.42 0.3 4.78 8.9728737 23 11.29 2.48 2.48 7.9 8.0 4.92 7840 100000 6 3690 3010 590 8.47 8.4748764 75.6 24 9.47 2.48 2.48 4.05 8230 100000 5.2 3290 2390 540 8.75 75.6 8.7524176 3.89 8560 100000 5 2790 550 14.10 2.48 2.48 2220 11.82 25 56.7 11.821006 3.41 100000 5.8 600 26 10.33 2.48 2.48 8.67 69.3 8.6771584 27 8.87 2.48 3.48 100000 650 2.48 3.1 7.46 ol 7.4648862 28 8.23 2.48 2.48 2.78 6810 100000 5 3190 2560 600 5.86 75.6 5.8637128 29 30 31 244.73 69.44 69.44 98.25 205.7 1537.2 204.2880622 8.74 2.48 2.48 7.8 8.4 260 8646 95714 5.271 3063 2469 551.1 7.347 125 3 3.509 59.12308 0.33 0.3 5.498 7.296002221 RESIDENTIAL INDUSTRIAL WASTE POPULATION EQUIVALENT

| | | | COMM | ERCIAI | L | | 83242 | 53599 | 90366 | Jesse Howard | 102681 |
|-----------------------|-------------|----|-------|--------|---|--------------|--------|-------|-------|--------------|-----------|
| | | | INDUS | TRIAL | _ | | FLOW | CBOD | TSS | OPERATOR | CERT. NO. |
| TOTAL NUMBER OF SEWER | R CONNECTIO | NS | | | _ | 0 | | | | 502-540-6000 | |
| SEWER CONNECTIONS | 0 | Х | 4 | = | 0 | SEWERED POPU | LATION | | | PLANT TELEPH | HONE |

NAME OF TREATMENT PLANT

Cedar Creek

COUNTY Jefferson

Month of:

February y 8.74 ^al 2022

Avg. Flow:

| Sludge Disposal |
|-----------------|

| Date | Doinfall | | |
|------|----------|------------|---------|
| | Rainfall | in Gallons | Remarks |
| 1 | | 107100 | |
| 2 | | 0 | |
| 3 | | 132300 | |
| 4 | | 0 | |
| 5 | | 0 | |
| 6 | | 0 | |
| 7 | | 88200 | |
| 8 | | 75600 | |
| 9 | | 0 | |
| 10 | | 119700 | |
| 11 | | 75600 | |
| 12 | | 0 | |
| 13 | | 0 | |
| 14 | | 94500 | |
| 15 | | 0 | |
| 16 | | 0 | • |
| 17 | | 151200 | |
| 18 | | 69300 | |
| 19 | | 119700 | |
| 20 | | 0 | |
| 21 | | 75600 | |
| 22 | | 75600 | |
| 23 | | 75600 | |
| 24 | | 75600 | |
| 25 | | 56700 | |
| 26 | | 69300 | |
| 27 | | 0 | |
| 28 | | 75600 | |
| 29 | | 0 | |
| 30 | | 0 | |
| 31 | | 0 | |



| KPDES # | Facility ID | | Water Quality Treatement Center CEDAR CREEK | | | | eiving Strea | er Region | | |
|--|---|-------------|--|------------|---------------------|--------------|--|--|--|--|
| KY0098540 | MSD0289 | | | | | | CEI | DAR CREEK | NA | |
| acility Type | Facility ID | | Facility Addr | ess | If Pump Station, I | Name of Pump | Station: | Receiving Stream | Discharge to | |
| MHSewer Manhole 28984 | | | 5410 SPRIGWOOD LN | | CEDAR CREEK | | | CEDAR CREEK | GROUND | |
| ctivity Code / Description DISREV: RAIN EVENT DISCHARGE Discharge Rep | WO # Ref No Initiated 3475705 02/17/2022 | | Initiated By Assigned To CLAYCOMB HARRETT | | DOCUMENTE 01/24/2 | | Problem LACK OF SYSTEM | <u>Result</u> UNAUTHORIZED DISCHARGE- | Completed Condition 02/17/22 08:48 PM MAIN | |
| Discharge Amo | unt: | 120,000 GAL | | | | 5. | | All-formattern-dates-adopting rule, y 244 | Applications application of the contraction of the | |
| Cause: | | LACK OF CAP | ACITY-HEAVY F | RAIN. | | | | - Magazing in the 1- committee of Magazing in Committee of Committee o | hand distributions also hands on the control of the | |
| Clean Up: | r remarkation of the w | CREATED DIS | CLN WO #3475 | 706. | | | | | | |
| Control Zone: | CONTRACTOR OF SUCCESSION | MSD PLACED | CAUTION TAPE | AND TEMPOR | ARY SIGNS. | | | The state of the s | American and the control of the cont | |
| Impact: | | OBSERVED SE | WAGE AND DE | BRIS. | - mar J. 10 Turneyy | | Million (Alleria de Maria de M | STATE-STATEMENT STATEMENT AND ADMINISTRATION AND THE STATEMENT AND ADMINISTRATION AND THE STATEMENT AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION AND ADMINISTRATION ADMINISTRATION ADMINISTRATIO | | |

| No | +ifi | 00 | tin | ns: |
|----|------|----|-----|-----|
| | | | | |

Repair:

Public Notification:

2/18/22 1:00 PM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV

A SOLUTION FOR THIS IS INCLUDED IN IOAP.

MSD ADVISED CUSTOME ONSITE.



| KPDES # | | Water Quality Treatement Center | | | | eiving Strea | er Regio | Region | | |
|-----------------------------------|-----------------------|---------------------------------|---------------|-------------|--|--------------|-------------------|----------------------------|----------------------|-------------------|
| KY0098540 | I D MSD0289 | | CEDAR C | REEK | | | CEI | DAR CREEK | NA | |
| Facility Type SMHSewer Manhole | Facility ID | | Facility Addr | | If Pump Station, N | • | Station: | Receiving Stream | Discha | • |
| Activity Code / Description | WO # Ref No | Initiated | Initiated By | Assigned To | and the second s | Event Date | Problem | CEDAR CREEK Result | Completed | OUND Condition |
| : DISREV: RAIN EVENT DISCHARGE | 3475680 | 02/17/2022 | CLAYCOMB | HARRETT | DOCUMENTE D | 01/24/2002 | LACK OF SYSTEM | UNAUTHORIZED DISCHARGE- | 02/17/22 08:46 PM | |
| | | | | | | | | | | MAIN |

| Discharge | Reporting: |
|--------------|-------------|
| Distribut 90 | itoporting. |

| Discharge Amount: | 800 GAL |
|----------------------|--|
| Cause: | LACK OF SYSTEM CAPACITY-HEAVY RAIN. |
| Clean Up: | CREATED DISCLN WO #3475681. |
| Control Zone: | MSD PLACED CAUTION TAPE AND TEMPORARY SIGNS. |
| Impact: | OBSERVED SEWAGE AND DEBRIS. |
| Repair: | A SOLUTION FOR THIS IS INCLUDED IN THE IOAP. |
| Public Notification: | MSD ADVISED THE CUSTOMER ON SITE. |

| grant and the same of the same | | |
|--|----------|---|
| 2/18/22 1:00 PM | DISNOT / | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES # | Facility ID | | Water Quality Treatement Center | | | | eiving Stream | er Region | |
|--|------------------------|--------------------------------|---------------------------------|------------------------|--------------------------------|--------------------------|------------------------------|--------------------------------------|--|
| KY0098540 | MSD0289 | | CEDAR C | REEK | | | CEL | OAR CREEK | NA |
| Facility Type | Facility ID | Carried & Blauer and Stangards | Facility Addr | ess | If Pump Station, N | Name of Pump | Station: | Receiving Stream | Discharge to |
| SMHSewer Manhole | 63094 | | 9517 PLUMWOOD RD | | CEDAR CREEK | | | CEDAR CREEK | STREAM |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3475674 | Initiated 02/17/2022 | Initiated By CLAYCOMB | Assigned To HARRETT | Disch Status DOCUMENTE D | Event Date 04/04/2008 | Problem LACK OF SYSTEM | Result UNAUTHORIZED DISCHARGE- | Completed Condition 02/17/22 08:45 PM MAIN |

| Discharae | e Reportina: |
|-----------|--------------|

| Discharge Amount: | 6,400 GAL | |
|----------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY-HEAVY RAIN. | ANT-SP |
| Clean Up: | CREATED DISCLN WO # 3475676. | International value (specific reconstruction and several contents of the first reconstruction of the first reconst |
| Control Zone: | MSD PLACED CAUTION TAPE AND TEMPORARY SIGNS. | |
| Impact: | OBSERVED SEWAGE AND DEBRIS. | A Section Annual |
| Repair: | A SOLUTION FOR THIS IS INCLUDED IN THE IOAP. | Particular discussion and the control of the contro |
| Public Notification: | MSD ADVISED THE CUSTOMER ON SITE. | |

| 2/18/22 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--------|---|
| | | SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES # | Facility ID | V | Vater Quality Trea | tement Center | Rece | iving Strea | m of Treatment Cente | er Regio | on |
|--|-------------------------------|---|------------------------------------|--------------------------|--------------------------|------------------------------|--------------------------------|-----------------------------------|-----------------------|
| KY0098540 | MSD0289 | С | EDAR CREEK | | | CEI | DAR CREEK | NA | |
| Facility Type SMHSewer Manhole | Facility ID 63095 | | ity Address PLUMWOOD RD | If Pump Station, N | • | Station: | Receiving Stream CEDAR CREEK | Discha STF | rge to |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3475672 | | ted By Assigned To COMB HARRETT | Disch Status DOCUMENTE D | Event Date 04/04/2008 | Problem LACK OF SYSTEM | Result UNAUTHORIZED DISCHARGE- | Completed 02/17/22 08:43 PM | <u>Condition</u> MAIN |

| Discharge Amount: | 9,660 GAL |
|----------------------|--|
| Cause: | LACK OF SYSTEM CAPACITY- HEAVY RAIN. |
| Clean Up: | CREATED DISCLN WO#3475673. |
| Control Zone: | MSD PLACED CAUTION TAPE AND TEMPORARY SIGNS. |
| Impact: | OBSERVED SEWAGE AND DEBRIS. |
| Repair: | A SOLUTION FOR THIS IS INCLUDED IN THE IOAP. |
| Public Notification: | MSD ADVISED CUSTOMER ON SITE. |

Notifications:

2/18/22 1:00 AM DISNOT EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV



KPDES# **Facility Water Quality Treatement Center Receiving Stream of Treatment Center** Region ID MSD0289 KY0098540 **CEDAR CREEK** CEDAR CREEK NA **Facility Type** Facility ID **Facility Address** If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to **SMHSewer Manhole** 63531 6810 GLENDALE RD CEDAR CREEK LITTLE CEDAR CREEK **GROUND**

Activity Code / Description WO# Ref No

: DISREV: RAIN EVENT DISCHARGE

3475709

Initiated 02/17/2022

Initiated By CLAYCOMB

Assigned To HARRETT

Disch Status QUEUED FOR **REPAIR**

Event Date Problem LACK OF 02/17/2022 SYSTEM

Result **UNAUTHORIZED** DISCHARGE-

Completed Condition 02/17/22 08:14 PM

MAIN

Discharge Reporting:

| Discharge Amount: | 1,890 GAL | |
|----------------------|--|--|
| Cause: | LACK OF CAPACITY-HEAVY RAIN. | *** The state of t |
| Clean Up: | CREATED DISCLN WO #3475710. | |
| Control Zone: | MSD PLACED CAUTION TAPE AND TEMPORARY SIGNS. | pphrametry () Johnston agy = ++* ephrametry (ephrametry |
| Impact: | OBSERVED SEWAGE AND DEBRIS. | |
| Repair: | A SOLUTION FOR THIS IS INCLUDED IN IOAP. | in 1971-1950-markins etter. I variet ere enten instillenten deutsche diese deutsche dette deutsche deu |
| Public Notification: | MSD ADVISED CUSTOMER ONSITE. | |

Notifications:

2/18/22 1:00 PM

DISNOT

EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV

3/15/2022



| KPDES # | Facility ID | | Water 0 | Quality Treat | tement Center | Rece | eiving Strea | m of Treatment Cente | er Region |
|--|------------------------|---------------------------------|--------------------------|------------------------|--------------------------------|--------------------------|------------------------------|--------------------------------|--|
| KY0098540 | MSD0289 | | CEDAR C | REEK | | | CE | DAR CREEK | NA |
| Facility Type SMHSewer Manhole | Facility ID 70158 | uantha a canning di dilika Miya | Facility Addr | | If Pump Station, N | | Station: | Receiving Stream CEDAR CREEK | Discharge to GROUND |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3475678 | <u>Initiated</u> 02/17/2022 | Initiated By CLAYCOMB | Assigned To HARRETT | Disch Status DOCUMENTE D | Event Date 01/24/2002 | Problem LACK OF SYSTEM | Result UNAUTHORIZED DISCHARGE- | Completed Condition 02/17/22 08:45 PM MAIN |

| Discharge Amount: | 6,400 GAL | |
|----------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY-HEAVY RAIN. | GH GONGHAN THE THINK OF A GARLES AND A GARLE |
| Clean Up: | CREATED DISCLN WO #3475679. | |
| Control Zone: | MSD PLACED CAUTION TAPE AND TEMPORARY SIGNS. | |
| Impact: | OBSERVED SEWAGE AND DEBRIS. | etterdina et Antikaljassassa et derinamettikkrijansa kantikassa ett derinamettikkrijansa kantikassa ett derinamettikkrijansa ett derinamettikkrija |
| Repair: | A SOLUTION FOR THIS IS INCLUDED IN IOAP. | Amend who California |
| Public Notification: | MSD ADVISED THE CUSTOMER ON SITE. | All distances in the second se |

| Notifications: | | |
|-----------------|--------|---|
| 2/18/22 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |



| KPDES # | Facility ID | | Water (| Quality Treat | tement Center | Rece | iving Strea | m of Treatment Cente | r Region |
|--|-------------------------------|-------------------------|-----------------------|----------------------|--------------------------------|-----------------------|------------------------------|--------------------------------|---|
| KY0034151 | MSD0506 | | | LLVIEW #1 / | | | TANY | ARD BRANCH | NA |
| Facility Type | Facility ID | | Facility Add | ress | If Pump Station, N | Name of Pump | Station: | Receiving Stream | Discharge to |
| SPLSewer Treatment Plant | MSD0506 | | 8405 CEDA | R CREEK RD | BCSD HILI | _VIEW #1 | | TANYARD BRANCH | STREAM |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3470949 | Initiated 02/03/2022 | Initiated By SMITH | Assigned To SMITH | Disch Status DOCUMENTE D | Event Date 01/08/2022 | Problem LACK OF SYSTEM | Result UNAUTHORIZED DISCHARGE- | Completed Condition 02/04/22 10:35 AM |

| Discharge Amount: | 61,500 GAL | The state of the s |
|----------------------|--|--|
| Cause: | LACK OF CAPACITY. | water |
| Clean Up: | NONCE NEEDED, BYPASSED TO EFF CHANNEL. | |
| Control Zone: | NONE NEEDED. | |
| Impact: | NONE OBSERVED. | MATERIAL PROPERTY AND A STATE OF THE PROPERTY AND A STATE |
| Repair: | FLOW DROPPED AND ALLOWED PUMP TO CATCH UP. | All and residency and the residency residency of the communications of communications and the second of the communication of the commun |
| Public Notification: | TEMP SIGN PLACED IMPACTED AREA. | CASE OF THE PROPERTY OF THE PR |

| 2/4/22 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|---|
| 2/4/22 1:00 AM | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION |





KPDES# **Facility Water Quality Treatement Center Receiving Stream of Treatment Center** Region ID KY0034169 MSD0507 BCSD HILLVIEW #2 / **BROOKS RUN** NA **Facility Type Facility ID Facility Address** If Pump Station, Name of Pump Station: **Receiving Stream** Discharge to SPLSewer Treatment Plant MSD0507 8405 CEDAR CREEK RD **BCSD HILLVIEW #2 BROOKS RUN** STREAM Activity Code / Description WO# Ref No Initiated Initiated By **Assigned To Disch Status Event Date Problem** Result Completed Condition : DISREV: RAIN EVENT 3470944 02/03/2022 **SMITH** SMITH DOCUMENTE 12/06/2021 LACK OF UNAUTHORIZED 02/04/22 09:55 DISCHARGE SYSTEM DISCHARGE-AM

Discharge Reporting:

| Discharge Amount: | 72,250 GAL | | |
|----------------------|---|----------------------|--------------------|
| Cause: | HEAVY FLOW FROM RAIN AND LACK OF CAPACITY. | | |
| Clean Up: | NONE NEEDED. | | |
| Control Zone: | TEMP SIGN NEAR IMPACTED AREA. | | |
| Impact: | INFLUENT FLOW GOING TO CONCRETE DITCH. | 10141141160000000000 | NV-Million country |
| Repair: | FLOW DROPPED AND ALLOWED INF PUMPS TO CATCH UP. | | |
| Public Notification: | TEMP SIGN PLACED FOR PUBLIC NOTIFICATION. | | |

Notifications:

| 2/4/22 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|----------------|--------|---|
| 2/4/22 1:00 AM | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION |

KPDES#

Facility ID

Water Quality Treatement Center

Receiving Stream of Treatment Center

Region



| KY0034177 | MSD0508 | | BCSD HIL | LVIEW #3 | | | BRO | OKS RUN | NA | |
|--|------------------------|-------------------------|-----------------------|----------------------|---|--------------------------|------------------------------|---------------------------------------|-----------------------------------|-----------|
| Facility Type SPLSewer Treatment Plant | Facility ID MSD0508 | | Facility Addr | | If Pump Station, I | | Station: | Receiving Stream BROOKS RUN | | arge to |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3473286 | Initiated 02/17/2022 | Initiated By HUBER | Assigned To SMITH | Disch Status REPAIRED - ISSUE RESOLVED | Event Date 02/21/2022 | Problem BYPASS AT WQTC | Result UNAUTHORIZED DISCHARGE- WATERS | Completed 02/21/22 08:26 AM | Condition |

| Discharge Amount: | 47,250 GAL | |
|----------------------|--|--|
| Cause: | LACK OF SYSTEM CAPACITY. | |
| Clean Up: | CLEANED UP DEBRIS FROM EFF CONTACT TANK AND DISCHARGE. | |
| Control Zone: | INSIDE OF PLANT. | |
| Impact: | INF TO THE CHLORINE CONTACT TANK. | |
| Repair: | FLOW DROPPED AND PUMPS CAUGHT UP. | |
| Public Notification: | SIGN NEXT TO DISCHARGE. | |



| KPDES # | Facility ID | | Water (| Quality Treat | ement Center | Rece | eiving Stream | of Treatment Cente | r Region |
|--|-------------------------------|-------------------------|-----------------------|----------------------|---|-----------------------|----------------------------------|---------------------------------------|---|
| KY0034801 MSD0509 | | | BULLITT HILLS | | | | TANYAF | NA | |
| Facility Type | Facility ID | | Facility Addr | ess | If Pump Station, N | lame of Pump | Station: | Receiving Stream | Discharge to |
| SPLSewer Treatment Plant | MSD0509 | | 8405 CEDA | R CREEK RD | BULLITT H | IILLS | | TANYARD BRANCH | STREAM |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3475785 | Initiated 02/18/2022 | Initiated By SMITH | Assigned To SMITH | Disch Status REPAIRED - ISSUE RESOLVED | Event Date 02/21/2022 | Problem MECHANICAL FAILURE | Result UNAUTHORIZED DISCHARGE- WATERS | Completed Condition 02/21/22 08:31 AM |

| Discharge Amount: | 18,000 GAL | |
|----------------------|---|--|
| Cause: | INFLUENT PUMP NOT PUMPING CORRECTLY. | Million of the state of the sta |
| Clean Up: | CLEANED UP DEBRIS FROM CONTACT TANK. | |
| Control Zone: | CONTAINED ON PLANT. | MINING CONTROL |
| Impact: | INF FLOW BYPASSING TO EFF CONTACT TANK. | |
| Repair: | FLOW DROPPED ALLOWED PUMPS TO CATCH UP. | MATERIAL STATE OF THE STATE OF |
| Public Notification: | TEMP SIGN NEXT TO FENCE AND EFFLUENT DISCHARGE. | The second secon |



| KPDES # | Facility ID | | Water (| Quality Treat | tement Center | Rece | eiving Strea | m of Treatment Cente | er Region |
|--|------------------------|-------------------------|-----------------------|----------------------|---|-----------------------|--|---------------------------------------|---|
| KY0034185 | MSD0512 | | PIONEER | R VILLAGE #1 | | | CED | AR CREEK | NA |
| Facility Type SPLSewer Treatment Plant | Facility ID MSD0512 | | Facility Addr | | If Pump Station, N | lame of Pump | Station: | Receiving Stream CEDAR CREEK | Discharge to STREAM |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3470948 | Initiated 02/03/2022 | Initiated By SMITH | Assigned To SMITH | Disch Status REPAIRED - ISSUE RESOLVED | Event Date 01/13/2022 | Problem LACK OF SYSTEM CAPACITY | Result UNAUTHORIZED DISCHARGE- WATERS | Completed Condition 02/04/22 09:43 AM |

PM



DISCHARGE

| KPDES # | Facility ID | | Water Quality Treatement Center Rece | | | eceiving Stream of Treatment Center | | |
|--|------------------------|-------------------------|---|----------------------|-------------------------------------|-------------------------------------|------------------------------------|--|
| KY0034169 MSD0507 | | BCSD HILLVIEW #2 / | | BF | NA | | | |
| Facility Type | Facility ID | | Facility Address | If Pump Station, Nam | e of Pump Station: | Receiving Stream | Discharge to | |
| SLSSewer Lift Station | MSD2013-PS | | 8405. CEDAR CREEK RD | BCSD HILLVIE | EW #2 | BROOKS RUN | STREAM | |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3475490 | Initiated 02/17/2022 | Initiated By Assigned To CATALANO JR GREEN | | vent Date Problem 2/11/2021 LACK OF | Result UNAUTHORIZED | Completed Condition 02/17/22 11:50 | |

SYSTEM

DISCHARGE-

Discharge Reporting:

| Discharge Amount: | 4,325 GAL |
|----------------------|--|
| Cause: | LACK OF SYSTEM CAPACITY. |
| Clean Up: | CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM. |
| Control Zone: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |
| Impact: | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND. |
| Repair: | SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR. |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |

| 2/18/22 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV |
|-----------------|--|---|
| 2/18/22 1:00 AM | The second secon | WAITING TO COMPLETE THE DISCHARGE INFORMATION |



| KPDES # | Facility ID | Water Quality Trea | tement Center | Receiv | ving Strea | m of Treatment Cente | er Region | |
|--|-------------------------------|--|--------------------------|--------------------------|------------------------------|--------------------------------|---|--|
| KY0034177 MSD0508 | | BCSD HILLVIEW #3 | BCSD HILLVIEW #3 | | | BROOKS RUN | | |
| Facility Type SLSSewer Lift Station | Facility ID MSD2014-PS | Facility Address 8405 CEDAR CREEK RD | If Pump Station, N | - | tation: | Receiving Stream BROOKS RUN | Discharge to STREAM | |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3478382 | Initiated Initiated By Assigned To 02/24/2022 CATALANO JR GREEN | Disch Status DOCUMENTE D | Event Date 12/09/2021 | Problem LACK OF SYSTEM | Result UNAUTHORIZED DISCHARGE- | Completed Condition 02/25/22 03:52 PM | |

| Discharge Amount: | 44,695 GAL |
|----------------------|--|
| Cause: | LACK OF SYSTEM CAPACITY. |
| Clean Up: | CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM. |
| Control Zone: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |
| Impact: | SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND AROUND WET WELL. |
| Repair: | SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR. |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |

| 2/25/22 1:00 AM | DISNOT | EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV | |
|-----------------|--------|---|--|
| 2/25/22 1:00 AM | DISSNO | WAITING TO COMPLETE THE DISCHARGE INFORMATION | |



| KPDES # | Facility ID | | Water Quality Treatement Center | | | Rece | eiving Strear | er Region | |
|--|------------------------|--------------------------------|---|------------------------|---|-----------------------|--|---------------------------------------|---|
| KY0034185 | MSD0512 | | PIONEER | R VILLAGE #1 | CEDAR CI | | AR CREEK | NA | |
| Facility Type SLSSewer Lift Station | Facility ID MSD2021-PS | | Facility Address 8405 CEDAR CREEK RD | | If Pump Station, Name of Pump Station: PIONEER VILLAGE #1 | | Receiving Stream BROOKS RUN | Discharge to STREAM | |
| Activity Code / Description : DISREV: RAIN EVENT DISCHARGE | WO # Ref No 3470425 | <u>Initiated</u> 02/02/2022 | Initiated By SMITHER | Assigned To SMITHER | Disch Status REPAIRED - ISSUE RESOLVED | Event Date 01/29/2022 | Problem LACK OF SYSTEM CAPACITY | Result UNAUTHORIZED DISCHARGE- WATERS | Completed Condition 02/08/22 03:17 PM |

| Discharge Amount: | 1,225,000 GAL |
|----------------------|--|
| Cause: | LACK OF SYSTEM CAPACITY. |
| Clean Up: | CLEANUP NOT POSSIBLE DUE TO SUMERGED DISCHARGE INTO CREEK. |
| Control Zone: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |
| mpact: | NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL. |
| Repair: | SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR. |
| Public Notification: | PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA. |

Total Facilities Printed: 23

Total Work Orders Printed: 34