



Safe. clean waterways

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

April 26, 2021

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report for March 2021.**

Dear Mrs. Dennis:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Cedar Creek WQTC, for the month of March 2021.

Attached is the 1st quarter biomonitoring.

Also, attached is the 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,

Staci Huber
Process Supervisor - Operations

SH/ Cedar Creek. 3/21.

Enclosures

Cc: V. Graves
R. Shaw

DMR Copy of Record

Permit

Permit #:

KY0098540

Major:

Yes

Permittee:

Cedar Creek WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

CEDAR CREEK WQTC MSD

Facility Location:

8405 CEDAR CREEK RD
LOUISVILLE, KY 40291

Permitted Feature:

001
External Outfall

Discharge:

001-2
TOXICITY

Report Dates & Status

Monitoring Period:

From 01/01/21 to 03/31/21

DMR Due Date:

04/28/21

Status:

NetDMR Validated

Considerations for Form Completion

THREE 24-HOUR COMPOSITE SAMPLES ONE EACH COLLECTED EVERY OTHER DAY FOR A PERIOD OF 5 DAYS; IE - DAYS 1, 3 & 5

Principal Executive Officer

First Name:

James A

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample										<	1.0	2G - tox chronic		01/90 - Quarterly	24 - COMP24
					Permit Req.										<=	1.0 MAXIMUM	2G - tox chronic		01/90 - Quarterly	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

Attachments

No attachments.

Report Last Saved By

Cedar Creek WQTC MSD

User:

staci.huber@louisvillemsd.org

Name:

Staci Huber

E-Mail:

staci.huber@louisvillemsd.org

Date/Time:

2021-04-26 09:27 (Time Zone: -04:00)

Report Last Signed By

User:

staci.huber@louisvillemsd.org

Name:

Staci Huber

E-Mail:

staci.huber@louisvillemsd.org

Date/Time:

2021-04-26 10:50 (Time Zone: -04:00)

DMR Copy of Record

Permit

Permit #:

KY0098540

Major:

Yes

Permittee:

Cedar Creek WQTC MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

CEDAR CREEK WQTC MSD

Facility Location:

8405 CEDAR CREEK RD
LOUISVILLE, KY 40291

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 03/01/21 to 03/31/21

DMR Due Date:

04/28/21

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

James A

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

--

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	97.0					23 - %	0	01/30 - Monthly	CA - CALCTD
					Permit Req.					>=	85.0 MO AV MN					23 - %		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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	Quantity or Loading Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Attachments

Name	Type	Size
CCCoverletter0321.pdf	pdf	30506.0
CCMOR032021.XLS	xls	336896.0
03_march_discharge_report_all_service_fin.pdf	pdf	146241.0

Report Last Saved By

Cedar Creek WQTC MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG

Name: Joseph Smith

E-Mail: joseph.smith@louisvillemSD.org

Date/Time: 2021-04-26 10:48 (Time Zone: -04:00)

Report Last Signed By

User: staci.huber@louisvillemSD.org

Name: Staci Huber

E-Mail: staci.huber@louisvillemSD.org

Date/Time: 2021-04-26 10:52 (Time Zone: -04:00)

NAME OF TREATMENT PLANT
CEDAR CREEK WTP

KPDES PERMIT NUMBER
KY0098540

COUNTY
JEFFERSON

PLANT CAPACITY
7.5 MGD

MONTH OF: March 2021

RECEIVING STREAM
CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING						FINAL		Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RETURN		WASTE D	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW			HAULED			NH3-N (mg/L)	ECOLI				
																		GAL/DAY X 1000	MLSS x1000					30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS	% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000						
1	19.32	2.48	2.48	7.4	7.6					8.8		102		6	50		5	6	9280	60000	4.8	3620	2990	600		60	12.37			0.86		75600	0.25		0.3	3.29	12.37
2	14.19	2.48	2.48	7.5										5				5	9600	50000	4.9	2770	2280	450			10.80					119700	1			10.8	
3	12.55	2.48	2.48	7.7										4				4	9370	50000	3.6	3000	2410	500			9.61					56700				9.61	
4	10.16	2.48	2.48	7.6										3				3	10900	40000	4.0	2560	2150	400			8.45					37800				8.45	
5	7.96	2.48	2.48	7.6										3				3	11140	50000	3.9	3460	2850	550			6.62					37800				6.62	
6	7.37	2.48	2.48											3				3		50000	4.0			600			6.10					0				6.1	
7	6.93	2.48	2.48											3				3		50000	4.0			650			5.87					0				5.87	
8	6.39	2.48	2.48	7.6	7.4					8.3		104		5	75		5	4	9600	70000	3.8	4150	2800	700			5.45			0.96		75600	1.20		0.3	2.95	5.45
9	6.24	2.48	2.48	7.3										4				4	8730	80000	4.0	4180	3320	750			5.24					0	33			5.24	
10	6.21	2.48	2.48	7.3										4				4	8450	85000	4.1	4120	3420	700			5.15					75600				5.15	
11	6.68	2.48	2.48	7.6										4				4	9500	85000	4.2	4150	3470	690			5.50					75600				5.5	
12	14.30	2.48	2.48	7.6										5				5	10940	49000	4.5	2730	2340	470			15.41					75600				15.41	
13	14.18	2.48	2.48											6				6		60000	4.3			620			10.55					50400				10.55	
14	14.18	2.48	2.48											6				6		60000	4.3			580			10.55					0				10.55	
15	20.95	2.48	2.48	7.4	7.6					8.7		230		6	110		6	9	10000	80000	3.9	4360	3560	700			16.07			1.1		75600	0.36		0.3	5.5	16.07
16	9.59	2.48	2.48	7.6										5				5	9780	70000	4.0	3870	3090	720			7.79					63000	1			7.79	
17	8.82	2.48	2.48	7.6										5				5	10350	75000	3.7	4010	3200	670			7.08					37800				7.08	
18	10.83	2.48	2.48	7.4										4				4	10220	75000	4.0	4010	3370	700			8.67					75600				8.67	
19	9.71	2.48	2.48	7.3										4				4	11500	80000	4.4	3830	3150	650			7.66					37800				7.66	
20	8.37	2.48	2.48											3				3		75000	4.6			650			6.84					630000				6.84	
21	7.89	2.48	2.48											3				3		75000	4.1			530			6.49					0				6.49	
22	8.07	2.48	2.48	7.2	7.3					8.4		480		7	149		5	4	8940	75000	4.2	3830	3160	600			5.95			1.5		75600	0.57		0.3	5.77	5.95
23	7.08	2.48	2.48	7.5										3				3	9410	85000	4.0	3990	3270	650			5.64					37800	7			5.64	
24	6.67	2.48	2.48	7.6										3				3	10600	85000	3.6	4220	3430	700			5.60					69300				5.6	
25	7.86	2.48	2.48	7.3										3				3	9330	85000	3.4	3630	2970	650			6.17					75600				6.17	
26	8.44	2.48	2.48	7.8										3				3	10420	75000	4.2	3370	2740	600			6.87					75600				6.87	
27	7.46	2.48	2.48											3				3		75000	4.1			710			6.04					56700				6.04	
28	7.62	2.48	2.48											4				4		75000	4.8			700			6.24					0				6.24	
29	6.81	2.48	2.48	7.5										3				3	8420	90000	3.8	3710	3020	630			5.69					75600				5.69	
30	6.65	2.48	2.48	7.5										3				3	9950	80000	4.6	3770	3030	700			5.43					75600				5.43	
31	12.08	2.48	2.48	7.4										4				4	9740	80000	5.2	2940	2390	460			11.45					75600				11.45	
Tot.	#####	76.88	76.88															127.2									243.35					2217600				243.35	
Avg.	9.73	2.48	2.48	7.5	7.5					8.5		229		6	96		5	4.103	9833.5	70129	4.161	3664	2974	621.9			7.85			1.105		71535.5	0.60	4	0.3	4.378	7.85

TOTAL NUMBER OF SEWER CONNECTIONS
SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

RESIDENTIAL

COMMERCIAL

INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

92645

45814

88470

FLOW

CBOD

TSS

Randolph P. Kustes JR.

14555

OPERATOR

CERT. NO.

502-540-6000

PLANT TELEPHONE



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	08935-SM	1001 BRECKENRIDGE LN		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3352603		03/11/2021	DAVIS BROWNMITCHELL		DOCUMENTE D	11/29/2001	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/12/21 07:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	800,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY IN TO THE CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO STREAM CREEK.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	100756A-X	1473 FRANKFORT AVE		SOUTH FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3351196		03/04/2021	ANDERSON	ANDERSON	QUEUED FOR REPAIR	03/04/2021	PUMPED DUE TO COE	UNAUTHORIZED DISCHARGE-	03/09/21 01:41 PM	

Discharge Reporting:

Discharge Amount:	156,000 GAL
Cause:	FLOODING AND LACK OF SYSTEM CAPACITY.
Clean Up:	PICK UP TRASH AND SPREAD LIME.
Control Zone:	SIGNS AND BARRICADES.
Impact:	MINOR TRASH A DEBRIS NEXT TO MANHOLE.
Repair:	NONE.
Public Notification:	METRO SAFE.

Notifications:

3/4/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/4/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	111227215	7215 FOX HARBOR RD		HARRODS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3353121		03/15/2021	DODDS	Kelvin Wilson	REPAIRED - ISSUE RESOLVED	03/15/2021	OBSTRUCTION- NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE- WATERS	03/15/21 07:23 PM	

LAT

Discharge Reporting:

Discharge Amount:	1 GAL
Cause:	PRIVATE PROPERTY ISSUE.
Clean Up:	CUSTOMER RESPONSIBLE FOR CLEANUP.
Control Zone:	BARRICADES AND CONES.
Impact:	ADVISED THE CUSTOMER TO AVOID CONTACT WITH THE IMPACTED AREA.
Repair:	ADVISED THE CUSTOMER TO CONTACT A PLUMBER - PRIVATE PORTION OF THE PROPERTY SERVICE CONNECTION NEEDS TO BE HOOKED BACK UP.
Public Notification:	CONTACTED P/O.

Notifications:

3/16/21 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/16/21 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # KY0022411 **Facility ID** MSD0278 **Water Quality Treatment Center** MORRIS FORMAN **Receiving Stream of Treatment Center** **Region** NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	27008	1044 ALTA VISTA RD		MIDDLE FORK BEARGRASS	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3350302		03/01/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/19/2020	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/02/21 08:15 AM	MAIN

Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3350810
Control Zone:	BARRICADE AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/1/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/1/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	27012	2408 GRAY FOX RD		MIDDLE FORK BEARGRASS	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3350303		03/01/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/09/2019	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/02/21 08:14 AM	MAIN

Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3350810
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/1/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/1/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:		Receiving Stream	Discharge to
SMHSewer Manhole	28250	3506 CHARLANE PKY			CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3352613		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/21 09:19 AM	MAIN

Discharge Reporting:

Discharge Amount:	3,318 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3352843
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:		Receiving Stream	Discharge to
SMHSewer Manhole	28413	3317 DELL RD			CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3352647		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	03/20/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/12/21 01:18 PM	MAIN

Discharge Reporting:

Discharge Amount:	488 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3352845
Control Zone:	TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	28414	3400 DELL RD		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3352614		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	01/03/2005	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/12/21 01:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	600 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3352847
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:		Receiving Stream	Discharge to
SMHSewer Manhole	28415	3406 DELL RD			CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3352615		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	12/19/2002	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/12/21 01:10 PM	MAIN

Discharge Reporting:

Discharge Amount:	610 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3352848
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	SEWER WATER DISCHARGING FROM THE PICK HOLE ON THE MANHOLE LID.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #
KY0022411

Facility ID
MSD0278

Water Quality Treatment Center
MORRIS FORMAN

Receiving Stream of Treatment Center

Region
NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:		Receiving Stream	Discharge to
SMHSewer Manhole	28453	3402 CHARLANE PKY			CHENOWETH RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3352612		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	10/28/2015	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/21 09:16 AM	MAIN

Discharge Reporting:

Discharge Amount:	66,320 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3352844
Control Zone:	CAUTION TAPE, TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY DOOR CARD AND TEMP SIGN AT DISCHARGE SITE TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	40475	1544 CHEROKEE RD		MIDDLE FORK BEARGRASS	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3350305		03/01/2021	DAVIS BROWN	MITCHELL	QUEUED FOR REPAIR	03/01/2021	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/02/21 08:38 AM	MAIN

Discharge Reporting:

Discharge Amount:	120,000 GAL
Cause:	LACK OF SYSTEM CAPACITY HEAVY RAIN.
Clean Up:	WO#3350814
Control Zone:	BARRICADES AND TEMP SIGNS PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED THROUGH TEMP SIGNS AT DISCHARGE SITE AND PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/1/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/1/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	45796	1011 ALTA CIR		MIDDLE FORK BEARGRASS	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3352617		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	05/10/2014	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/21 10:33 AM	MAIN

Discharge Reporting:

Discharge Amount:	33,600 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#352840
Control Zone:	TEMPORARY DISCHARGE SIGNS, AND BARRICADE PLACED AROUND THE IMPACTED AREA.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PUBLIC NOTIFIED BY TEMP SIGN AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	47583	202 OXMOOR LN		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3352660		03/12/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	02/06/2008	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/21 10:16 AM	MAIN

Discharge Reporting:

Discharge Amount:	288,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	WO#3352891
Control Zone:	PLACED BARRICADES & TEMP SIGNS AROUND THE IMPACTED.
Impact:	MANHOLE DISCHARGING.
Repair:	LOCATION INCLUDED IN IOAP.
Public Notification:	PUBLIC NOTIFIED BY TEMP SIGN AT DISCHARGE SITE AND PERMANENT OVERFLOW ADVISORY SIGNS POSTED ALONG THE CREEK TO AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022411	MSD0278	MORRIS FORMAN		NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	CSO020	147 BUCHANAN ST		OHIO RIVER	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3359754		03/21/2021	FRENCH	FRENCH	REPAIRED - ISSUE RESOLVED	03/21/2021	POWER OUTAGE (LG&E)	UNAUTHORIZED DISCHARGE-WATERS	03/21/21 03:21 PM	

Discharge Reporting:

Discharge Amount:	1,200,000 GAL
Cause:	FIRE AND POWER FAILURE AT TRANSFORMER.
Clean Up:	MSD PERSONNEL WILL CLEAN AND SANITIZE IMPACTED AREAS IDENTIFIED.
Control Zone:	NO CONTROL ZONE ESTABLISHED.
Impact:	NO VISUAL IMPACT, CSO 20 OVERFLOWS TO THE OHIO RIVER UNDERWATER.
Repair:	POWER TRANSFERRED TO GENERATOR WHILE REPAIRS ARE MADE.
Public Notification:	PERMANENT OVERFLOW WARNING SIGNS ARE POSTED AND THE PROJECT WIN WEBSITE DRY WEATHER NOTIFICATION WAS POSTED.

Notifications:

3/22/21 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/22/21 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES # **Facility ID** **Water Quality Treatment Center** **Receiving Stream of Treatment Center** **Region**
KY0022411 **MSD0278** **MORRIS FORMAN** **NA**

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMHSewer Manhole	IS021A-SI	1201 OLD CANNONS LN		MIDDLE FORK BEARGRASS	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	3352604		03/11/2021	DAVIS BROWN	MITCHELL	DOCUMENTE D	08/01/1969	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/13/21 02:15 AM	MAIN

Discharge Reporting:

Discharge Amount:	3,100,000 GAL
Cause:	LACK OF SYSTEM CAPACITY -- HEAVY RAIN.
Clean Up:	NO CLEANUP REQUIRED DISCHARGE PIPE IS SUBMERGED AND DISCHARGES DIRECTLY IN TO THE CREEK.
Control Zone:	CONTROL ZONE WAS NOT ESTABLISHE THE PIPE DISCHARGES DIRECTLY TO STREAM CREEK.
Impact:	NONE OBSERVED OVER FLOW NOTIFICATION RECEIVED FROM REMOTE DISCHARGE ALARM.
Repair:	LOCATION INCLUDED IN THE IOAP.
Public Notification:	PERMANENT SIGNS ALONG THE CREEK AVOID CONTACT WITH DISCHARGED CONTENT.

Notifications:

3/12/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/12/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0098540	MSD0289	CEDAR CREEK	CEDAR CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD1185-PS	6810 ARBOR MANOR WAY	ARBOR MANOR	CEDAR CREEK	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISDW: DRY WEATHER DISCHARGE	3351847		03/08/2021	GRAY JR	KOHR JR	REPAIRED - ISSUE RESOLVED	03/08/2021	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	03/09/21 12:00 AM	

Discharge Reporting:

Discharge Amount:	300 GAL
Cause:	FAILURE IN ARV.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	VALVE WAS SHUT OFF.
Public Notification:	GIVEN BY VOLUNTARY EMAIL NOTIFICATION SYSTEM.

Notifications:

3/9/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0022420	MSD0202	HITE CREEK	HITE CREEK	NA

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLSSewer Lift Station	MSD1206-PS	6100 MAYFAIR AVE	TRANSYLVANIA BEACH	OHIO RIVER	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
: DISREV: RAIN EVENT DISCHARGE	3350905		03/03/2021	CATALANO JR	CATALANO JR	QUEUED FOR REPAIR	03/03/2021	LACK OF SYSTEM	UNAUTHORIZED DISCHARGE-	03/09/21 01:30 PM	

Discharge Reporting:

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	NO CONTROL ZONE WAS SET UP – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	SEND OUT VIA WEBSITE.

Notifications:

3/3/21 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
3/3/21 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION

Total Facilities Printed: 17

Total Work Orders Printed: 21