



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

August 13, 2015

Cheryl Edward  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for July 2015.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of July 2015.

Also attached are discharge reports and bypass letters.

There were no exceedances.

As of July 13, 2015, MSD staff moved the influent sampler to collect samples before the bar screens due to flooding conditions at the previous location.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5856.

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor, East Region

DVW/ Hite Creek. 07/15.

Enclosures

cc: T. Singleton  
R. Shaw



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022420</b>	<b>Permittee:</b>	HITE CREEK WQTC MSD
<b>Major:</b>	Yes	<b>Permittee Address:</b>	5512 HITT LN LOUISVILLE, KY 40201
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-2</b> MUNICIPAL WASTEWATER
<b>Facility:</b>		<b>Facility Location:</b>	HITE CREEK WQTC MSD 5512 HITT LN LOUISVILLE, KY 40201

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 07/01/15 to 07/31/15</b>	<b>DMR Due Date:</b>	<b>08/28/15</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**  
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	exec. Dir.
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	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					=	8					19 - mg/L	01/01 - Daily	GR - GRAB			
					Permit Req.					>=	7 INST MIN					19 - mg/L	03/07 - Three Per Week	GR - GRAB			
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.8			=	7.9	12 - SU	01/01 - Daily	GR - GRAB			
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	03/07 - Three Per Week	GR - GRAB			
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	253	=	438	26 - lb/d			=	5	=	7	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Permit Req.	<=	1501 MO AVG	<=	2252 MX WK AV	26 - lb/d			<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	11055	=	13955	26 - lb/d			=	224	=	323	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	16	=	22	26 - lb/d			=	0.3	=	0.3	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Permit Req.	<=	100 MO AVG	<=	150 MX WK AV	26 - lb/d			<=	2 MO AVG	<=	3 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	624	=	692	26 - lb/d			=	14	=	19	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample							=	0.3	=	0.4	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.							<=	1 MO AVG	<=	1.5 MX WK AV	19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	5.979	=	12.877	03 - MGD								99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										99/99 - Continuous	CN - CONTIN
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample							=	2	=	3	13 - #/100mL	03/07 - Three Per Week	GR - GRAB			
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL	03/07 - Three Per Week	GR - GRAB			
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	120	=	163	26 - lb/d			=	2	=	3	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Permit Req.	<=	500 MO AVG	<=	751 MX WK AV	26 - lb/d			<=	10 MO AVG	<=	15 MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample	=	6294	=	7607	26 - lb/d			=	136	=	206	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d				Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	03/07 - Three Per Week	CP - COMPOS		
					Value NODI																
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample							=	98			23 - %	01/30 - Monthly	CA - CALCTD			
					Permit Req.							>=	85 MO AV MN			23 - %	01/30 - Monthly	CA - CALCTD			
					Value NODI																
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample							=	98			23 - %	01/30 - Monthly	CA - CALCTD			
					Permit Req.							>=	85 MO MIN			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**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
HC7142015_LETTER.pdf	pdf	60557
HC072015_COVER.pdf	pdf	48536
2015_7_HiteCreek_OverflowReport.pdf	pdf	85457
HC072015_MOR.pdf	pdf	63129
HC7122015_LETTER.pdf	pdf	60150

**Report Last Saved By****HITE CREEK WQTC MSD**

User:	wrightd	Date/Time:	2015-10-12 10:27 (Time Zone: -04:00)
Name:	Duane Wright		
E-Mail:	duane.wright@louisvillemtd.org		

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLABLE SOLIDS (mg/L)		DISSOLVED OXYGEN (mg/L)		SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING				FINAL														
		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	GAL/DAY X 1000	MLSS X 1000	MLVSS X 1000	MAST #	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	Phosphorus mg/L	Cadmium, Total Recoverable	Hardness as CaCO3	Chromium, Hexavalent	Cyanide, Free (Amenable)	Mercury, Total Recoverable					
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS									% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000			
1	4.67			7.4	7.7	10.0				164		6	128		4	3.01	8.84	55.9			6.1	3.53	2.47	200						30	0.44												
2	4.516			7.4	7.7	15.0										2.76	8.33	65.7			6.6	3.81	2.65	200						1.99	71	36.9		7				0.004	0.005				
3	5.34	36	36	7.3	7.7	20.0										2.89	6.3	72.28			6.6	3.31	2.42	160																			
4	4.925			7.3	7.6	15.0										2.89	6.36	52.9			6.2	3.68	2.61	190																			
5	4.221			7.4	7.8	20.0				166		3	141		2	2.95	9.05	68.99			6.2	3.81	2.66	200										22.8	0.24								
6	3.867			7.4	7.6	18.0				212		3	163		2	3.08	7.61	72.28			5.7	3.54	2.48	170										73.8	0.18	2							
7	4.212	36	36	7.4	7.7	25.0										2.78	6.3	72.28			6.2	3.77	2.67	190																			
8	6.275			7.3	7.9	14.0				150		4	87		3	2.81	6.87	39.4			6.5	3.23	2.28	150													0.271						
9	6.817			7.3	6.8	15.0				140		6	68		3	2.81	11.68	39.4			6.3	3.71	2.59	150													30.9	0.09	4				
10	7.94	36	36	7.3	7.0	18.0										3.07	13.11	36.2			6.3	3.61	2.52	150																			
11	6.811			7.4	7.7											2.69	14.35	46			6.3	3.36	2.31	150																			
12	10.76			7.5	7.5											2.75	13.71	52.6																									
13	9.763			7.3	7.8	20.0				320		5	91		2	3.01		39.4			7.5	3.6	2.42	180														73.8	0.7				
14	12.88	36	36	7.2	7.8	10.0										2.73	14.96	32.9			7.4	3.7	2.41	160																			
15	8.905			7.3	7.8	10.0				174		7	145		2	3.1	17.94	46			7	3.63	2.3	160																			
16	6.987			7.4	7.8	15.0				238		6	108		2	3.11	16.46	59.2			7.4	3.97	2.52	200																			
17	6.365	36	36	7.3	7.7	15.0										3.04	11.16	72.28			6.7	3.78	2.43	160																			
18	9.054			7.3	7.7	13.0										3.01	7.86	62.5			6.7	3.49	2.8	170																			
19	6.665			7.3	7.8	15.0				155		8	83		3	2.34	9.05	62.5			6.7	3.91	3.39	190																			
20	5.856			7.6	7.8	30.0				8.3						3.04	9.8	52.6			6.4	3.74	2.32	200																			
21	5.44	36	36	7.5	7.8	20.0										2.88	11.44	75.6			5.2	3.97	2.65	190																			
22	4.759			7.3	7.7	15.0				364		3	168		2	2.98	7.56	62.5			5.1	4.12	2.63	200																			
23	4.5			7.8	7.0	30.0				396		3	272		2	2.86	9.55	78.8			5	3.98	2.55	200																			
24	4.466	36	36	7.4	7.6	15.0										3.17	7.06	62.5			4.9	3.3	2.15	190																			
25	4.143			7.3	7.7	20.0										2.87	7.52	60			5	3.59	2.35	200																			
26	4.004			7.4	7.6	15.0				210		3	178		2	2.6	8.65	78.8			5	5.17	3.36	250																			
27	4.204			7.5	7.5	50.0										2.33	8.65	65.7			4.8	4.07	2.63	230																			
28	4.085	36	36	7.7	7.5	50.0										2.16	8.43	52.6			3.8	4.26	2.93	200																			
29	4.409			7.6	7.5	60.0										2.26	11.35	75.6			3.9	4.28	2.83	200																			
30	4.343			7.4	6.9	50.0										2.72	9.32	85.4			5.4	4.2	2.8	200																			
31	4.159	36	36	7.7	7.5	40.0										2.73	8.34	98.6			5.1	3.82	2.58	200																			
Tot.	185.3	324	324													87.43	6.24																										1411
Avg.	5.979	36	36	7.4	7.6	22.9				8.3		5	136		2	2.82	9.92	61.21			5.933	3.798	2.59	186.3																			

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
 56939 FLOW  
 39889 CBOD  
 53206 TSS

Earl Dunn

OPERATOR

7626

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS 0  
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-241-9310  
 PLANT TELEPHONE



700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org

July 14, 2015

Mr. Charlie Roth, District Supervisor  
KY Division of Water  
Louisville Regional Office  
9116 Leesgate Road  
Louisville, KY 40222-5084

**Re: Bypass Report for the:** Hite Creek WQTC- KPDES Permit: KY0022420

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on July 12, 2015, referencing Work Order 2387485 as a rain event discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: An extremely heavy rain event caused the influent pump station to become overwhelmed. The amount of bypassed raw wastewater reaching the waters of the U.S. was estimated at 157,500 gallons because it could not be accurately calculated as the splitter box for the influent pump station was completely flooded by rain and was under water. The flow into the plant at the time of occurrence was 15 MGD, which was metered after the influent pumps.
- Period of noncompliance: Starting 08:00 AM on July 12, 2015 and stopping 01:15 PM on July 12, 2015.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Construction to increase the hydraulic loading for this plant is currently underway.
- Additional comments: No additional comments

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-587-5856, my cell phone at (502)-396-9142 or via email at [duane.wright@louisvillemsd.org](mailto:duane.wright@louisvillemsd.org).

Sincerely,

Duane V. Wright  
Process Supervisor-Operations

cc: Courtney Seitz, KDEP  
Paula Purifoy, MSD  
eB File





700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org

July 15, 2015

Mr. Charlie Roth, District Supervisor  
KY Division of Water  
Louisville Regional Office  
9116 Leesgate Road  
Louisville, KY 40222-5084

**Re: Bypass Report for the: Hite Creek WQTC- KPDES Permit: KY0022420**

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on July 14, 2015, referencing Work Order 2388696 as a rain event discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: An extremely heavy rain event caused the influent pump station to become overwhelmed. The amount of bypassed raw wastewater reaching the waters of the U.S. was estimated at 157,500 gallons because it could not be accurately calculated as the splitter box for the influent pump station was completely flooded by rain and was under water. The flow into the plant at the time of occurrence was 15 MGD, which was metered after the influent pumps.
- Period of noncompliance: Starting 05:42 AM on July 14, 2015 and stopping 07:20 AM on July 14, 2015.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Construction to increase the hydraulic loading for this plant is currently underway.
- Additional comments: No additional comments

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-587-5856, my cell phone at (502)-396-9142 or via email at [duane.wright@louisvillemSD.org](mailto:duane.wright@louisvillemSD.org).

Sincerely,

Duane V. Wright  
Process Supervisor-Operations

cc: Courtney Seitz, KDEP  
Paula Purifoy, MSD  
eB File





Report Selections: Period: 07/01/2015 00:00 thru 07/31/2015 23:59, treatment Plant: MSD0202 HITE CREEK, 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
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	102447A	5500 HITT RD		HITE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2387508		07/12/2015	MARKS JR	OPS BSHIFT EAST	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	07/13/15 01:00 AM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	REFERENCE #2388159
Control Zone:	TEMPORARY SIGNS
Impact:	SEWAGE, SOLIDS & DEBRIS OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

7/12/15 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/12/15 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 07/01/2015 00:00 thru 07/31/2015 23:59, treatment Plant: MSD0202 HITE CREEK, 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
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	108674	10723 COPPER RIDGE DR		HITE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2389570		07/14/2015	SINGLETON	OPS BSHIFT EAST	BEYOND APPROVED DESIGN STORM	04/07/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	07/14/15 02:00 PM	

**Discharge Reporting:**

Discharge Amount:	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS
Impact:	SEWAGE, DEBRIS & PERSONAL HYGIENE PRODUCTS OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

7/14/15 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/14/15 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'



Report Selections: Period: 07/01/2015 00:00 thru 07/31/2015 23:59, treatment Plant: MSD0202 HITE CREEK, 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
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	11877	5500 HITT RD		HITE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2388790		07/14/2015	SINGLETON	OPS BSHIFT EAST	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	07/14/15 05:00 PM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AREA

**Notifications:**

7/14/15 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/14/15 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 07/01/2015 00:00 thru 07/31/2015 23:59, treatment Plant: MSD0202 HITE CREEK, 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
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0202	5500 HITT RD		HITE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2387485		07/12/2015	MARKS JR	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	05/29/2012	BYPASS AT WQTC	UNAUTHORIZED DISCHAGE - WATERS	07/12/15 01:15 PM	

**Discharge Reporting:**

Discharge Amount:	157,500 GAL
Cause:	RAIN EVENT CAUSED CREEK TO FLOOD WET WELL
Clean Up:	MSD CLEANED & SANITIZED
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO VISUAL IMPACT
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
Public Notification:	PERMANENT SIGNS ARE POSTED AT THIS LOCATION

**Notifications:**

7/12/15 1:00 pm	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/12/15 1:00 pm	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Report Selections: Period: 07/01/2015 00:00 thru 07/31/2015 23:59, treatment Plant: MSD0202 HITE CREEK, 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
KY0022420 (Cont'd)	MSD0202	HITE CREEK	HITE CREEK	EAST

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREVRAIN EVENT DISCHARGE	2388696		7/14/2015 5:42:00AM	OPS BSHIFT EAST	SINGLETON	REPAIRED - ISSUE RESOLVED	05/29/2012	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	07/14/15 07:20 AM	

**Discharge Reporting:**

Discharge Amount:	49,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	NO VISUAL IMPACT
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

7/14/15 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/14/15 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'



Report Selections: Period: 07/01/2015 00:00 thru 07/31/2015 23:59, treatment Plant: MSD0202 HITE CREEK, 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
KY0022420	MSD0202	HITE CREEK	HITE CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1085-PS	7520 KAVANAUGH RD	KAVANAUGH ROAD	HITE CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2389008		07/14/2015	SINGLETON	OPS BSHIFT CENTRAL	DOCUMENTED	05/11/2003	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	07/14/15 07:30 AM	

**Discharge Reporting:**

Discharge Amount:	150 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS
Impact:	SEWAGE OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

7/14/15 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
7/14/15 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 5

Total Work Orders Printed: 6