

Louisville and Jefferson County Metropolitan Sewer District 700 West Liberty Street Louisville Kentucky 40203-1911 502-540-6000 www.msdlouky.org

April 23, 2008

Charlie Roth, District Supervisor Kentucky Division of Water 9116 Leesgate Office Louisville, Kentucky 40222

RE:

Hite Creek Wastewater Treatment Plant, KPDES No: KY0022420

Discharge Monitoring Report for March 2008.

Dear Mr. Roth:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) report for the Hite Creek Wastewater Treatment Plant, for the month of March 2008.

Also included are the 1st quarter Biomonitoring report, and the discharge reports.

If you have any questions concerning the attached DMR's, please contact me at (502)241-9093.

Sincerely,

John Kessel

Process Supervisor, East Region

JMK/ Hite Creek.0308

Enclosures

cc:

K. Thurman (DOW Louisville)

T. Singleton

R. Shaw



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

TO

DAY

VI

YEAR

1,713

Form Approved. OMB No. 2040-0004

MGD HITE CREEK STP

DDRESS C/O CEDAR CREEK STP

E405 CEDAR CREEK RD

LOUISVILLE

KY 40211

ACILITY MIST HITE CREEK STP OCATION | DUISVILLE

KY 40201 es witch nos RVAADDAADA PERMIT NUMBER

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MUNICIPAL WASTEWATER

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NOTE: Read Instructions before completing this form.

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TYPED OR PRINTED	inclu	ding the possibility of fine at	d imprisonment for knowi	ng violations.			<u> </u>	ODE			

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

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DAY

YEAR

1,773

Form Approved. OMB No. 2040-0004

IAME MED HITE CREEK STP

DDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

MY 40211 LOUISVILLE ACILITY MED HITE CREEK STF

.OCATION | GUISVILLE

KY 40201

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FROM

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MAJOR (SUBR LV) F - FINAL

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MUNICIPAL WASTEWATER

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*** NO DISCHARGE | | ***

NOTE: Read Instructions before completing this form.

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

TO

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YEAR

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Form Approved. OMB No. 2040-0004

MSO HITE CREEK STP

UDDRESS C/O CEDAR CREEK STP

840S CEDAR CREEK RD INUTSVILLE

OCATION LOUISVILLE

KY 40211

FACILITY MEND MITE CREEK STP

KY 40201

KY0022420 PERMIT NUMBER

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YEAR

FROM

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MAJOR (SUBR LV) F - FINAL

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REASONABLE POTENTIAL

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*** NO DISCHARGE I I ***

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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

8405 CEDAR CREEK RD

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

Form Approved. OMB No. 2040-0004

MAD HITE CHEEK STP ADDRESS C/O CEDAR CREEK STP

KY0022420 PERMIT NUMBER

MAJOR 001 Y (SUBR LV) F - FINAL

JEFFE

LOUISVILLE

KY 40Z11

DISCHARGE NUMBER

METALS/BIOMONITORING/QUARTERLY EFFLUENT

FACILITY MED HITE CREEK STP LOCATION, GUISVILLE

KY 40201

MONITORING PERIOD DAY YEAR MO DAY МО YEAR TO FROM 6.2 8 OB V.J .51

*** NO DISCHARGE I I *** NOTE: Read Instructions before completing this form.

ATTN: DENNIS THOMASS PARAMETER		METRO OF		TTY OR LOADING			QUALITY OR CONC	ENTRATION		NO. EX	FREQUENCY OF	SAMPLE TYPE
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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_	14.55				7,3	7.0	0,0		10.2	T			Ī		l	2.24	17.62	78.8		2.69		200							113,4	Ь—	<u> </u>	<u> </u>				
7	9.72			7,4		7.0	0.0									1.91	11.4	98.6	7	2.655	1.84	180					0.91	66	151.2		<u> </u>	ļ	<u> </u>			
1	6.88	36	36	7.1		10.0	0.0									3.86	9.23	105.1	6.3	2.18		150							107.1	<u> </u>		├ —	1			
	5,76			7.1		8.0	0.0									2.4	7.03	65.7	8.1	2.5		190							37.8	·	<u> </u>	<u> </u>	ļ			
1	5.05			7.3		9.0	0.0				135		83	3	3	2.37	7,7	59.2	9.4	2.725		200							50.4	0,055	3	ļ		 		<u> </u>
	4.66			7.3	7.6	12.0	0.0		9.0		162		84	4	3	1.86	8.5	98.6	4.7	2.68	1.87	200					0.84	65	144.9	+	 	 	<u> </u>			
	4,69	36	36	-	7.6	8.0	0.0		9,8		169		7	3	-	2.42	9.05	78.8	4.7	2.675		200							176.4	0.055	3	ــــــ	 	├ ──		
-	5.93			7.2		10.0	0.0		9.6							2.3	9.78	78.8	4.6	2.615		160						ļ	100.8	<u> </u>	 	<u> </u>				ļ
7	10,35			7.2		8.0	0.0									2.17	14.19	92	5.9	2.74		200							50.4		<u> </u>	<u> </u>	₩			
٦	10.65	36	36	-		9.0	0.0	[1.76	11.84	92	6.2	2.325		200							69.3	—	<u> </u>	 	——	 		<u> </u>
T	7.04			7.0		7.0	0.0			Γ						2.86	11.13	65.7	6.1	2.66		140						<u> </u>	31.5	<u> </u>	<u> </u>	—		$\vdash \vdash$		<u> </u>
	5.84			7,1		9.0	0.0	l								2.45	10.18	65.7	6.2	2.18		140							18.9		<u> </u>	<u> </u>	₩			<u> </u>
	6.87			7.2		8.0	0.0									2.33	10.53	78.8	4.6	2,55	<u></u>	170							126	ــــــ		 	┼	\longrightarrow		<u> </u>
	213.1	288	288	-			1			T						71.66										<u> </u>		L	2772	Ь—		↓		1		<u> </u>
	6.874	36		 	7.5	9.5	T		9.8		136	1	8	3		2.312	10.04	83.89	5.683	2.705	1.95	183.2					0.875	65.5	92.4	0.89	. 7	<u> </u>	0.20	$\perp \perp$	0.01	0.01

	RESIDENTIAL	INDOO! (VAC WAD)	_ 1 0, 00, 110,1124				
	COMMERCIAL	65469	28047	37242			
	INDUSTRIAL	FLOW	CBOD	TSS	OPERATOR	CERT. NO.	
TOTAL NUMBER OF SEWER CONNECTIONS	0				EARL DUNN	7626	
SEWER CONNECTIONS 0 X		ED POPULATION			PLANT TELEPHO	NE	
SEVER CONNECTIONS X					502-241-9310		

IMSAST0004 Discharge Report Mar 01, 2008 12:00 AM thru Mar 31, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES #
L/Vnn22420

Facility ID MSD0202

Treatment Plant Name HITE CREEK

Receiving Stream of Treatment Plant HITE CREEK

Region EAST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

90776

7250 FLOYDSBURG RD

FLOYDS FORK

DITCH

Completed

03/19/08 02:00 AM

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 756639 Initiated 03/18/08 04:15 PM Initiated By ELDER

Assigned To DUNN JR

Disch Stat D

Event Date 01/03/05

Problem. LACK OF SYSTEM CAPACITY

Resolution DISCHARGE TO

WATERS OF THE

Soot Inspections:

-, -	
Discharge Amount:	48,000 GAL
Cause:	LACK OF CAPACITY, RAIN EVENT IN AREA
Clean Up:	AREA RAKED DEBRI HAULED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	PERSONAL HYGIENE PRODUCTS
Repair:	HAULING TO PREVENT OVER FLOW WORK ORDER#756496

		í
03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	
03/18/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	-

IMSAST0004 Discharge Report Mar 01, 2008 12:00 AM thru Mar 31, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES#	
KY0022420	(Cont'd)

Facility ID MSD0202 Treatment Plant Name HITE CREEK

Receiving Stream of Treatment Plant HITE CREEK

Region EAST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SMH Sewer Manhole

91087

7510 MEADOW STREAM CT

in this case, rains or any comme

SOUTH FORK HARRODS CREEK STREAM

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE WO.# 756681 Initiated 03/18/08 06:40 PM Initiated By MARKS JR Assigned To HOWARD Disch Stat

Event Date Problem
03/18/08 LACK OF SYSTEM

CAPACITY

Resolution DISCHARGE TO WATERS OF THE Completed 03/20/08 02:30 AM

Snot Inspections:

1,440,000 GAL
STORM FLOW CAUSED LACK OF SYSTEM CAPACITY
NONE POSSIBLE DUE TO MAGNITUDE OF STORM
TEMPORARY SIGNS POSTED
NO VISUAL IMPACT OBSERVED BY MSD PERSONNEL
A SOLUTION FOR THIS LOCATION WILL BE INCLUDED IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY DECEMBER 31, 2008

03/18/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc,ert@ky.gov and LisaA.Jeffries@ky.gov
03/18/08 12:58 PM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

IMSAST0004 Discharge Report Mar 01, 2008 12:00 AM thru Mar 31, 2008 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDE	S #		
			 _

Facility ID MSD0202

Treatment Plant Name HITE CREEK

Receiving Stream of Treatment Plant HITE CREEK

Region **EAST**

KY0022420 (Cont'd)

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

08/30/05

Receiving Stream

Discharge to

SLS Sewer Lift Station

Facility Type

MSD1086-PS

7250 FLOYDSBURG RD

FLOYDSBURG ROAD

FLOYDS FORK

DITCH

Completed

Activity Code / Description DISREV: RAIN EVENT DISCHARGE

WO# 750806 Initiated 03/04/08 07:20 AM Initiated By MARKS JR Assigned To KAISER

D

Event Date

Resolution DISCHARGE TO LACK OF SYSTEM CAPACITY

WATERS OF THE US

03/04/08 10:00 AM

Soot Inspections:

•	spot mopeoutie.		
1	Discharge Amount:	2,000 GAL	
A	Cause:	STORM FLOW CAUSED A LACK OF SYSTEM CAPACITY	
1	Clean Up:	AREA RAKED AND DEBRIS HAULED AREA LIMED	
İ	Control Zone:	TEMPORARY SIGNS POSTED	
	Impact:	DEBRIS OBSERVED	
	Repair	HAULED TO PREVENT DISCHARGE WO# 750812	

14011110011-11-1	
The second secon	
	leftries@kv.gov
00/04/00 40:50 444	Supplemental Email notification of unauthorized discharge has been sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/08 12:58 AM	A land to the state of the stat
	Control of the Contro
	- III was the standard seems against a incloud coan @ena gov engic ert@ky gov and LisaA Jeffries@ky gov
03/04/08 12:58 AM	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/04/00 12.30 AW	

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES #
KY0022420 (Cont'd)

Facility ID MSD0202 Treatment Plant Name HITE CREEK

Assigned To

HOWARD

Receiving Stream of Treatment Plant HITE CREEK

Region EAST

Activity Code / Description DISREV: RAIN EVENT

DISCHARGE

<u>WO #</u> 752173 Initiated 03/10/08 07:30 PM <u>Initiated By</u> MARKS JR <u>Disch Stat</u> D Event Date 08/30/05

Problem LACK OF SYSTEM CAPACITY Resolution DISCHARGE TO WATERS OF THE US Completed 03/10/08 09:50 PM

Spot inspections:

Spot mapecuons.	The state of the s
Discharge Amount:	1,200 GAL
Cause:	SNOW STORM MELT CAUSED INCREASE IN FLOW AND LED TO LACK OF SYSTEM CAPACITY
Clean Up:	NONE POSSIBLE DUE TO MAGNITUDE OF STORM
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED BY MSD PESONNEL
Repair:	HAULING TO PREVENT ADDITIONAL DISCHARGE, HAULOP WO#752174

		Į
03/10/08 12:58 PM	Supplemental Email notification of unauthorized discharge has been sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	+
	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	-
03/10/08 12:58 PM	Email notification of unauthorized discharge sent to heland, sean@epa.gov, eppc.ch@xy.gov and zeaz coming@yy.go	J