



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

June 15, 2012

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for May 2012.**

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 May 2012.

There were no exceedences to report this month.

Also attached are overflow reports and a bypass report.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson", with a long horizontal flourish extending to the right.

Kevin Thompson
Process Supervisor, East Region

KT/ Hite Creek. 05/12.

Enclosures

cc: C. Roth (DOW Louisville)
T. Singleton
R. Shaw



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

NAME HITE CREEK WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD.
LOUISVILLE KY 40211
 FACILITY HITE CREEK WQTC

KY0022420
 PERMIT NUMBER

001 2
 DISCHARGE NUMBER

MAJOR
 (SUBR LV)
 F - FINAL JEFFE
 MUNICIPAL WASTEWATER
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40241
 ATTN: DENNIS THOMASSON SR. METRO OPS


MONITORING PERIOD
 FROM

YEAR	MO	DAY
12	05	01

 TO

YEAR	MO	DAY
12	05	31

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	8	*****	*****	(19) MG/L	0	1/1	GR	
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7.0	*****	7.7	(12) SU	0	1/1	GR	
PH	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB	
00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	255	274	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	81	128	(26) LBS/DY	*****	3	4	(19) MG/L	0	3/7	CP	
00530 1 0 0	PERMIT MEASUREMENT	1501 MO AVG	2252 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	474	514	(26) LBS/DY	*****	18	20	(19) MG/L	0	3/7	CP	
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
00610 1 1 0	SAMPLE MEASUREMENT	9	12	(26) LBS/DY	*****	0.3	0.5	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	100 MO AVG	150 MX WK AV	(26) LBS/DY	*****	2 MO AVG	3 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	*****	*****	****	*****	0.3	0.4	(19) MG/L	0	6/31	CP	
PHOSPHORUS, TOTAL (AS P)	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
00665 1 1 1	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	(19) MG/L		*****	*****	
EFFLUENT GROSS VALUE	NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE	DATE		
GREG HEITZMAN EXECUTIVE DIRECTOR		562	540-6000	12	06	15						
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY						

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

NAME HITE CREEK WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD.
 LOUISVILLE KY 40211
 FACILITY HITE CREEK WQTC

KY0022420
 PERMIT NUMBER


001 2
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 MUNICIPAL WASTEWATER
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40241
 ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	05	01		12	05	31

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	3.53	7.92	(03) MGD	*****	*****	*****	***	0	CN	CN	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS	
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****	***	*****	4	7	(13) 100ML	0	3/7	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB	
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	3298	3699	(26) LBS/DY	*****	124	140	(19) MG/L	0	3/7	CP	
RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	54	68	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	367 MO AVG	550 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****	***	98	*****	*****	(23) CENT	0	1/31	CA	
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA	
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY FO LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FRO SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
GREG HEITZMAN EXECUTIVE DIRECTOR								502	540-6000	12	06	15
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (include

Facility Name/Location if different)

NAME HITE CREEK WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD.
 LOUISVILLE KY 40211
 FACILITY HITE CREEK WQTC

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)
 DISCHARGE MONITORING REPORT (DMR)

KY0022420
 PERMIT NUMBER

001 R
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 REASONABLE POTENTIAL
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40241
 ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD							
YEAR	MO	DAY		YEAR	MO	DAY	
FROM	12	05	01	TO	12	05	31

NOTE: Read instructions before completing this form

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
CYANIDE, FREE (AMEN. TO CHLORINATION) 00722 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.005	0.005	(19) MG/L	0	3/31	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	188	188	(19) MG/L	0	1/31	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.01	0.01	(19) MG/L	0	3/31	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.2	0.2	(19) MG/L	0	1/31	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS	
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
GREG HEITZMAN EXECUTIVE DIRECTOR								502 540-6000		12 06 15		
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER		YEAR MO DAY

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

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	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) X 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH ₄ -N (mg/L)	FECAL COLIFORM (COLOCFORM/100ML)	Phosphorus mg/L	Cadmium, Total Recoverable	Hardness as CaCO ₃	Chromium, Hexavalent	Cyanide, Free (Avenable)	Mercury, Total Recoverable		
																							30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS									% VOLATILE SOLIDS	
																							WITHDRAWN GALLONS X 1000	WITHDRAWN GALLONS X 1000														
1	3.678	38	38	7.8	7.4	19.0		9.0			164	4	133	2	2.98	8.6	82.5	4.9	3.47	2.72	280						87.35	0.34	2	0.5								
2	3.032			7.2	7.0	20.0		8.9			278	3	134	2	3.12	7.28	65.7	4.9	3.33	2.5	270						87.65	0.11	2	0.285								
3	2.845			7.5	7.6	22.0		8.7			282	3	153	2	3.04	8.74	52.6	5.3	3.11	2.34	250						80.2	0.11	2	0.26								
4	2.558	38	38	7.3	7.3	19.0		8.5							2.94	6.3	79	3.7	3.4	2.61	260						108.5											
5	4.847			8.8	7.0	20.0		8.6							2.95	9.42	55.9	7.6	3.72	2.87	300						81.9											
6	3.803			7.0	7.2	18.0		8.7							2.97	8.83	59.2	7.5	3.58	2.78	300						88.2											
7	3.344			7.2	7.2	15.0		8.9							3.02	8.38	65.7	4.7	3.79	2.9	290				1.23	74	86.55											
8	3.269	38	38	7.5	7.1	15.0		8.8			210	3	113	2	3.09	9.82	52.6	4	3.34	2.6	250						85.45	0.56	5	0.351	0.2	188	0.01					
9	2.927			7.0	7.7	10.0		8.7			392	2	153	2	3.06	8.02	78.8	3.2	2.99	2.34	280						89.2	0.34	2						0.005			
10	2.742			8.9	7.1	18.0		8.8			221	2	104	2	3.15	7.52	68.99	4.2	3.4	2.62	250						87.9	0.5	2									
11	2.596	38	38	7.2	7.2	15.0		9.0							2.88	9.58	59.2	4.4	3.68	2.88	300						87.65											
12	2.884			7.1	7.2	16.0		9.0							2.54	7.48	59.2	4.3	3.73	2.95	310						50.1											
13	7.924			7.4	7.0	10.0		8.7							2.88	9.9	52.6	4.1	3.4	2.98	300						90.25											
14	6.164			6.7	7.5	15.0		9.3							2.52	14.54	36.2	5.9	3.05	2.35	280						63											
15	4.63	38	38	6.9	7.5	20.0		9.1			177	5	90	2	2.81	11.28	52.6	6.2	3.9	2.97	310						63	0.39	2	0.158								
16	3.987			6.9	7.4	12.0		9.0			181	3	94	2	2.81	10.04	52.6	4.2	3.18	2.43	280						75.05	0.22	89									
17	3.843			7.6	7.4	15.0		11.5			392	3	100	2	2.84	9.78	59.2	7.1	3.85	2.94	300						80.7	0.34	2									
18	3.123	38	38	7.1	7.3	12.0		9.0							2.72	10.22	65.7	5.2	3.68	2.83	300						75											
19	2.944			7.9	7.3	15.0		8.7							2.65	10	65.7	3.5	3.68	2.89	280						60.25											
20	2.912			7.8	7.4	20.0		8.8							2.58	9.48	59.2	3.6	3.52	2.68	300						48.2											
21	2.85			7.1	7.5	20.0		8.5							2.55	8.4	65.7	5.4	3.78	2.88	300						50.4											
22	2.932	38	38	7.0	7.4	25.0		8.3			213	2	180	2	2.57	6.89	85.5	3.9	3.73	2.87	290						50.4	0.5	34	0.342				0.01	0.005			
23	2.728			7.2	7.3	15.0		8.6			318	2	136	2	2.43	6.82	85.5	3.4	3.64	2.76	300						37.8	0.39	2					0.01	0.005			
24	2.708			7.2	7.3	18.0		8.5			237	2	117	2	2.51	7	78.8	2.9	3.43	2.64	280						62.1	0.22	2									
25	2.61	38	38	7.2	7.3	18.0		8.6							3.14	8.72	59.2	4.7	3.29	2.52	270						63											
26	2.454			7.1	7.2			8.7							2.39	8.21	59.2	4.9	3.25	2.3	280						50.4											
27	2.331			6.9	7.3	17.0		8.3							2.24	8.37	65.7	3.8	3.5	2.56	250						43.2											
28	2.459			7.0	7.3	20.0		8.8							2.57	8.93	65.7	4.3	4.12	2.98	350						31.5											
29	6.245	38	38	7.2	7.3	15.0		8.4							2.39	7.94	72.3	3.4	3.73	2.82	280						43.8											
30	4.898			8.8	7.4	15.0		8.8							2.42	11.58	49.3	6.8	3.08	2.29	230						63											
31	3.909			8.9	7.1	15.0		8.5							2.4	9.24	59.2	5.8	3.37	2.45	250						62.1											
Tot.	109.5	324	324												83.76																							
Avg.	3.531	36	36	7.2	7.3	18.8		8.8			255	3	124	2	2.702	8.795	82.88	4.761	3.508	2.684	282.9						1.573	73.67	68.74	0.34	4	0.32	0.20	188	0.01	0.01	<0.0005	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
33825 FLOW
21484 CBOD
35814 TSS

Earl Dunn OPERATOR
7628 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS
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

May 30, 2012

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 May 29, 2012, referencing Work Order 1496224 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: On May 29, 2012, during a rain event, aeration tanks 1 & 2 effluent junction structure overflowed with foam. Approximately 2 gallons of foam bypassed secondary treatment. Design flow for Hite Creek is 6.0 MGD. Total plant flow on May 29, 2012 was 6.25 MGD. Peak flow rate during time of bypass was 12.73 MGD.
- Period of noncompliance: Starting 11:15 AM on May 29, 2012 and stopping 11:20 AM on May 29, 2012.
- Steps taken or planned to reduce, eliminate and prevent recurrence: We put aeration tanks 5 & 6 in service to alleviate foam from aeration tanks 1 & 2 effluent junction structure. We will monitor effluent junction structure foam level during rain events and put other aeration tanks in service.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7575, my cell phone at (502)-396-9142 or via email at wrightd@msdlouky.org.

Sincerely,

Duane V. Wright
Process Supervisor-Operations

cc: Gary Levy, KDEP
Paula Purifoy, Wes Sydnor, Kevin Ries, Robert Bates - MSD
eB File





Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, Prob Code: BYPAS, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0022420	Facility ID MSD0202	Water Quality Treatment Center HITE CREEK	Receiving Stream of Treatment Center HITE CREEK	Region EAST
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Facility Type SPL Sewer Treatment Plant	Facility ID MSD0202	Facility Address 5500 HITT RD	If Pump Station, Name of Pump Station:	Receiving Stream HITE CREEK	Discharge to STREAM
--	------------------------	----------------------------------	--	--------------------------------	------------------------

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1496224	05/29/12 11:15 AM	MARKS JR	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	05/29/12	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	05/29/12 11:20 AM	

Spot Inspections:

Discharge Amount	2 GAL
Cause:	RAIN EVENT CAUSED SUDDEN PLANT FLOW INCREASE
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	SIGNS POSTED
Impact:	SCUM ON THE GROUND
Repair:	MSD MONITORED STATION TO PREVENT FURTHER OVERFLOW OF SCUM

Notifications:

05/29/12 11:30 AM	DISPUB	msd warned public with signs
05/29/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0022420	Facility ID MSD0202	Water Quality Treatment Center HITE CREEK	Receiving Stream of Treatment Center HITE CREEK	Region EAST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	91087	7510 MEADOWSTREAM CT		SOUTH FORK HARRODS CREEK	STREAM

<u>Activity Code / Description</u>	<u>WO #</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	1487888	05/13/12 12:35 PM	MARKS JR	OPS BSHIFT EAST	DOCUMENTED	03/18/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	05/13/12 10:30 PM	

Spot Inspections:

Discharge Amount:	14,875 GAL
Cause:	RAIN EVENT CAUSED LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

05/13/12 01:23 PM	DISPUB	msd used signs to warn public
05/13/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov
05/13/12 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov



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

KPDES # **KY0022420 (Cont'd)** Facility ID **MSD0202** Water Quality Treatment Center **HITE CREEK** Receiving Stream of Treatment Center **HITE CREEK** Region **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 #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1496224	05/29/12 11:15 AM	MARKS JR	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	05/29/12	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATER S	05/29/12 11:20 AM	

Spot Inspections:

Discharge Amount:	2 GAL
Cause:	RAIN EVENT CAUSED SUDDEN PLANT FLOW INCREASE
Clean Up:	MSD CLEANED AND SANITIZED AREA
Control Zone:	SIGNS POSTED
Impact:	SCUM ON THE GROUND
Repair:	MSD MONITORED STATION TO PREVENT FURTHER OVERFLOW OF SCUM

Notifications:

05/29/12 11:30 AM	DISPUB	msd warned public with signs
05/29/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov and LisaA.Jeffries@ky.gov