

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

June 10, 2011

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

Re:

MSD Metro Operations

Hunting Creek South WQTC; KPDES No.: KY 0029114

Discharge Monitoring Reports for May of 2011

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC; KPDES No.: KY0029114 for the month of May 2011.

Also attached are overflow reports.

During the month of May, we were unable to sample the week of 5/1/11 through 5/7/11 due to flood water submerging the Cl2 contact tank.

The V-Notch weir was several feet under water during this time period.

There were no exceedences or bypasses.

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

Sincerely,

Kevin Thompson

Process Supervisor, East Region

RM/Hunting Creek South 5 11

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



ADDRESS C/O CEDAR CREEK WOTO

8405 CEDAR CREEK RD

LOUISVILLE

MY 40Z11

FACILITY HUNTING CREEK 5 WOTG MOD LOCATION PROSPECT

KY 40059

ATTN. DEMMIS THOMASSON, SR METRO UPS

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

MONITORING PERIOD

TO

CONTRACT LIFE **PERMIT NUMBER**

FROM

MO_≈ DAY

DISCHARGE NUMBER

YEAR MO: DAY

MINUR (SUBB LV) F - FIMAL

EFFLUENT *** NO DISCHARGE !

MUNICIPAL DISCHARGE

	20117 044 71	NOTE: Read Instructions before completing this form.									
PARAMETER		QUAN	ITITY OR LOADING			ŅO.		SAMPLE			
CYLARIA DIRECTARD		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
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TOTAL (AS N)	SAMPLE MEASUREMENT	/	2	+ E57-	Section 1997	0.7	1		0	3/31	CP
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HJ. Schardein JR	prepar	y under penalty of law that the ed under my direction or sup-	ervision in accordance with :	a system designed		ا المر		TELEPHON	E	DA1	re
to assure that qualified personnel prop submitted. Based on my inquiry of the or those persons directly responsible for those persons directly responsible for the person of my knowledge.			operly gather and evaluate the information to person or persons who manage the system, for gathering the information, the information and policy type occupate and complete			- Thon		502 540-6	600	11 00	6 10
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COMMENTS AND EXPLANATION OF A	NY VIOLATIONS	(Reference all atta	chments here)					CODE			, DAI

HUNTING CHEEK S WOTC MOD

ADDRESS C/O CEDAR CREEK WOTC BAOS CEDAR CREEK RD

LOUISVILLE

MY 40Ell

FACILITY HUNTING CREEK S WOTC MED LOCATION PROSPECT

XY 40059

ATIN: DENNIS THOMASSON, SR METRO OPS

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

MONITORING PERIOD

TO

منه له الله الله المناهمة الله الله PERMIT NUMBER

MO. DAY

YEAR

FROM

ئە ئۇلىرلىد DISCHARGE NUMBER

YEAR MO: DAY

MIMOR (SUBM LV)

Form Approved.

OMB No. 2040-0004

F - FINAL MUNICIPAL DISCHARGE

EFFLUENT

BORAHOEIG ON ***

NOTE: Read Instructions before completing

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of the second second	SAMPLE MEASUREMEN	vr 206	248	l water	WW AWAST	108	116	4 2 2	8	3/31	CP
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HJScharden JR	prep to as	tify under penalty of law that the pared under my direction or supe soure that qualified personnel pre	rvision in accordance with a	system designed		1. 77		TELEPHON	E	DA [*]	TE
EXECUTIVE DIVECTOR submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.				·: — · · · · · · · · · · · · · · · · · ·	TURE OF PRINCIPAL		82, 540-1	1000	.11 0	6 10	
TYPED OR PRINTED COMMENTS AND EXPLANATION OF A	, i inciu	iding the possibility of fine and h	mprisonment for knowing v	olations.	OFF	ICER OR AUTHORIZE	D AGENT CO	DE NUMBER	?	YEAR MO	O DAY

			•	INF	LUENT			
			ncentration				Pour	ıds
Date	Flow	TSS	BOD	NH3		TSS	BOD	NH3
5/1/2011	0.423						•	
5/2/2011	0.598							
5/3/2011	0.79							
5/4/2011	0.538							
5/5/2011	0.42							
5/6/2011	0.357							
5/7/2011	0.317							
5/8/2011	0.279					•		
5/9/2011	0.235							
5/10/2011	0.223							
5/11/2011	0.201							
5/12/2011	0.206	138	98	15		237.090	168.368	25.771
5/13/2011	0.191						.00.000	20.77
5/14/2011	0.192		•					
5/15/2011	0.211							
5/16/2011	0.208	126	116	17		218.575	201,228	29.490
5/17/2011	0.18							20.100
5/18/2011	0.201			,				
5/19/2011	0.192							
5/20/2011	0.159		•					
5/21/2011	0.166							
5/22/2011	0.19							
5/23/2011	0.273	128	109	16		291.433	248,173	36.429
5/24/2011	0.327							00.120
5/25/2011	0.254							
5/26/2011	0.52							
5/27/2011	0.382							•
5/28/2011	0.284							
5/29/2011	0.248							
5/30/2011	0.232							
5/31/2011	0.21							
Average	0.297	131	108	16.00		249.032	205.923	30.563
Maximum	0.790	138	116	17.00		291.4	248.17	36.429
				*				JU. 120

Hunting Cr. Tot. Flow=	So. 9.207	Report for	May-11 Concentr		Tot. Exc.=	. 0	(Influent da				
Date	Flow	TSS	BOD	NH3	Fecal	TOO	Pour		_	-	
5/1/11	0.423		·	ипо	recai	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
5/2/11	0.598		-								
5/3/11	0.79										
5/4/11	0.538										
5/5/11	0.42								•		
5/6/11	0.357										
5/7/11	0.31,7										
5/8/11	0.279			•							
5/9/11	0.235							•			
5/10/11	0.223										
5/11/11	0.201										
5/12/11	0.206	14	7	0.39	1	24.053	12.026	0.670	0.245	0.000554	0.000574
5/13/11	0.191				•	27,000	12.020	0.070	0.245	0.898551	0.928571
5/14/11	0.192					_				,	
5/15/11	0.211										
5/16/11	0.208	3	6	0.73	1	5.204	10.408	1.266	0.100	0.07640	0.040070
5/17/11	0.18				•	0.20 /	10.400	1.200	0.100	0.97619	0.948276
5/18/11	0.201										
5/19/11	0.192										
5/20/11	0.159						•				
5/21/11	0.166										
5/22/11	0.19										
5/23/11	0.273	29	7	1	1	66.028	15.938	2.277	0.479	0.773438	0.93578
5/24/11	0.327					*****	.0.000	4-,4-, 1	0.473	0.775456	0.93576
5/25/11	0.254										
5/26/11	0.52										
5/27/11	0.382										
5/28/11	0.284										
5/29/11	0.248	•									•
5/30/11	0.232										•
5/31/11	0.21		***								
Average	0.297	15.33	6.67	0.71	1.00	31.76	12.79	1.40	0.27	88%	94%
Maximum	0.790	29.00	7.00	1.00	1.00	66.03	15.94	2.28	0.48	0070	J-770
Exceed.	14	0	0	0	0	0	0	0	0	1	0



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

KPDES# KY0029114 (Cont'd)

Facility ID MSD0292

Water Quality Treatement Center HUNTING CREEK SOUTH .

Receiving Stream of Treatment Center HARRODS CREEK

Region EAST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SLS Sewer Lift Station

MSD1064-PS

8619 WESTOVER DR

WESTOVER

HARRODS CREEK

DITCH

Activity Code / Description DISREV: RAIN EVENT

WO# 1269500

<u>Initiated</u> 05/26/11 10:39 AM

Initiated By ELDER

Assigned To BROOKS

Disch Status BEYOND

Event Date 04/27/11

<u>Problem</u> LACK OF SYSTEM

Result UNAUTHORIZED DISCHAGE -

Completed 05/26/11 02:19 PM

DISCHARGE

APPROVED DESIGN STORM

CAPACITY

WATERS

Spot Inspections:

Discharge Amount:	1,600 GAL	- · · · · · · · · · · · · · · · · · · ·
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA	· · · · · · · · · · · · · · · · · · ·
Clean Up:	MSD CLEANED & SANITIZED THE AREA	
Control Zone:	TEMPORARY SIGNS PLACED AROUND AFFECTED AREA	-
Impact;	CLEAR SEWAGE ON THE GROUND	
Repair:	SITE FOUND DURING RAIN EVENT RECON-WILL MONITOR & EVALUATE FOR REPAIR	

Notifications:

	DISPUB	Temporary signs placed around affected area
05/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/26/11 01;00 AM	1	Supplemental Email notification of unauthorized discharge has been sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffrles@ky.gov



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

KPDES# KY0029114

Facility ID MSD0292

Water Quality Treatement Center **HUNTING CREEK SOUTH**

Receiving Stream of Treatment Center

Region HARRODS CREEK **EAST**

Facility Type

DISCHARGE

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SLS Sewer Lift Station

MSD1063-PS :

6210 DEEP CREEK CT

DEEP CREEK

HARRODS CREEK

DITCH

Activity Code / Description DISREV: RAIN EVENT

WO# 1255534

<u>Initiated</u>

05/02/11 12:50 PM

Initiated By Assigned To ELDER MILLS

Disch Status DOCUMENTED

Event Date 12/16/00

Problem LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED DISCHAGE -

WATERS

Completed 05/04/11 12:50

PM

Spot Inspections:

Discharge Amount	23,040 GAL	
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA	
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP	
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA	
Impact;	SEWAGE/WATER	
Repair:	A SOLUTION FOR THIS LOCATION CAN BE LOCATED IN THE IOAP PLAN.	

Notifications:

		
	DISPUB	Placed temporary signs around the impacted area
05/02/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/02/11 01:00 PM	E .	Supplemental Email notification of unauthorized discharge has been sent to ireland sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
		5 / 5 / 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1



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

KPDES# KY0029114 (Cont'd)

Facility ID MSD0292

Water Quality Treatement Center HUNTING CREEK SOUTH

Receiving Stream of Treatment Center HARRODS CREEK

Region **EAST**

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO# 1270939

<u>Initiated</u> 05/27/11 07:45 PM Initiated By-ELDER

Assigned To THOMPSON

BEYOND

Disch Status APPROVED

DESIGN STORM

Problem Event Date 04/27/11

LACK OF SYSTEM CAPACITY

Result Completed UNAUTHORIZED 05/27/11 09:12 DISCHAGE -PΜ

WATERS

Condition

Spot Inspections:

Discharge Amount:	174 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA & PUMPS HAVE NOT CAUGHT UP FOR EVENING SURGE OF WATER USE IN THE COMMUNITY
Clean Up:	MSD CLEANED, SANITIZED & SPREAD LIME.
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
Impact	SEWAGE & DEBRIS ON THE GROUND
Repair:	CALLED B&H TO HAUL THE STATION

Notifications:

	DISPUB	Temporary signs posted around the affected area
05/27/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland,sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/27/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland, sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov