

# MSD

Metropolitan Sewer District

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)

June 10, 2011

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

**Re: MSD Metro Operations  
North Hunting Creek WQTC; KPDES No.: KY 0029106  
Discharge Monitoring Reports for May of 2011**

Dear Ms. Edwards:

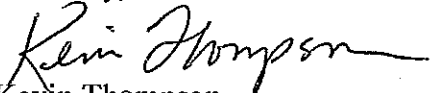
Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the North Hunting Creek WQTC; KPDES No.: KY0029106 for the month of May 2011.

Also attached are overflow reports.

There were no exceedences, or bypass reports for this month.

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

Sincerely,



Kevin Thompson  
Process Supervisor, East Region

RM/North Hunting Creek 5 11

Enclosures

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



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

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

MINOR  
(SUBR LV)

F - FINAL  
MUNICIPAL DISCHARGE  
EFFLUENT

JEFFE

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read Instructions before completing this form.

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

NAME HUNTING CREEK N WGTG MGD

ADDRESS C/O CEDAR CREEK WGTG  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211

FACILITY HUNTING CREEK N WGTG MGD

LOCATION PROSPECT KY 40059

ATTN: DENNIS THOMASSEN, SR METRO OPS

W0027104  
PERMIT NUMBER

0011  
DISCHARGE NUMBER

MONITORING PERIOD:						
YEAR	MO	DAY	TO	YEAR	MO	DAY

FROM

TO

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
00300 1 0 0 EFFLUENT GROSS VALUE				***	8			MG/L		5/31	GR
	PERMIT REQUIREMENT			****	INST MIN			MG/L			
00400 1 0 0 EFFLUENT GROSS VALUE				***	7.3		7.4	SV		5/31	GR
	PERMIT REQUIREMENT			****	MINIMUM		MAXIMUM	SV			
00500 0 0 0 RAW SEW/INFLUENT		320	493			169	258	MG/L		1/7	CP
	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
00600 1 0 0 EFFLUENT GROSS VALUE		6	8			3	5	MG/L		1/7	CP
	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
00610 0 0 0 RAW SEW/INFLUENT		50	64			27	35	MG/L		1/7	CP
	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
00610 1 1 0 EFFLUENT GROSS VALUE		0.6	1.1			0.3	0.6	MG/L		1/7	CP
	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
00665 1 0 0 EFFLUENT GROSS VALUE				***		0.2	0.4	MG/L		1/7	CP
	PERMIT REQUIREMENT			****		MO AVG	MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
HJ Schardein Jr  
Executive Director  
TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information 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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Kia Thompson*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
502 546-6000  
DATE  
11 06 10  
AREA CODE NUMBER YEAR MO DAY

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

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

NAME HUNTING CREEK N WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD.  
 LOUISVILLE KY 40211  
 FACILITY HUNTING CREEK N WQTC MSD  
 LOCATION PROSPECT KY 40059  
 ATTN: DENNIS THOMASSEN, SR METRO OPS

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

Form Approved  
 OMB No. 2040-0004

PERMIT NUMBER	DISCHARGE NUMBER
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MINOR  
 (SUBR LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE  
 EFFLUENT

JEFFS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

FROM

TO

\*\*\* NO DISCHARGE \*\*\*

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.254	0.920	MGD							
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD							
CHLORINE, TOTAL RESIDUAL						LO.010	LO.010				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					MO AVG	DAILY MX	MG/L			
COLIFORM, TOTAL GENERAL						5	16				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30DA QED	7 DA QED	100ML			
BOD, CARBONACEOUS 05 DAY, 20C		232	264	LBS/DY		128	181				
RAW SEN/INFLUENT	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C		5	9	LBS/DY		3	6				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C						98%					
PERCENT REMOVAL	PERMIT REQUIREMENT					MO MIN					
SOLIDS, SUSPENDED						98%					
PERCENT REMOVAL	PERMIT REQUIREMENT					MO MIN					

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 HJ Schardein Jr  
 Executive Director  
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information 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. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

*Kevin Thompson*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540-6000	11	05	10
AREA CODE	NUMBER	YEAR	MO	DAY

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



Hunting Creek North

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
5/1/2011	0.326						
5/2/2011	0.613						
5/3/2011	0.92						
5/4/2011	0.383						
5/5/2011	0.311	190	86	17	492.811	223.062	44.094
5/6/2011	0.271						
5/7/2011	0.248						
5/8/2011	0.247						
5/9/2011	0.218	180	145	35	327.262	263.627	63.634
5/10/2011	0.227						
5/11/2011	0.237						
5/12/2011	0.174						
5/13/2011	0.162						
5/14/2011	0.165						
5/15/2011	0.164						
5/16/2011	0.175	258	181	19	376.551	264.170	27.731
5/17/2011	0.155						
5/18/2011	0.153						
5/19/2011	0.14						
5/20/2011	0.138						
5/21/2011	0.15						
5/22/2011	0.16						
5/23/2011	0.217	47	98	35	85.060	177.358	63.342
5/24/2011	0.243						
5/25/2011	0.253						
5/26/2011	0.383						
5/27/2011	0.269						
5/28/2011	0.224						
5/29/2011	0.188						
5/30/2011	0.18						
5/31/2011	0.168						
Average	0.254	169	128	26.50	320.421	232.054	49.700
Maximum	0.920	258	181	35.00	492.8	264.17	63.634



Initiated May 01, 2011 12:00 AM thru May 31, 2011 11:59 PM

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

KPDES # KY0029106	Facility ID MSD0291	Water Quality Treatment Center HUNTING CREEK NORTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SLS Sewer Lift Station	Facility ID MSD1055-LS	Facility Address 6709 GUNPOWDER LN	If Pump Station, Name of Pump Station: GUNPOWDER	Receiving Stream HARRODS CREEK	Discharge to DITCH
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1256180	05/03/11 02:00 AM	MARKS JR	BROOKS	DOCUMENTED	01/24/02	PUMPED OVERFLOW	UNAUTHORIZED DISCHARGE - WATERS	05/03/11 07:45 PM	

Spot Inspections:

Discharge Amount:	92,100 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO DEBRIS, PUMPED INTO CATCH BASIN
Control Zone:	CONES PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

05/03/11 03:27 AM	DISPUB	msd notified public with cones placed around affected area
05/03/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/03/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov