



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

October 15, 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 Sept. 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 Sept. 2011.

Also attached is a overflow report.

There were no exceedences, or bypasses to report 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/Hunting Creek South 9.11

Enclosures

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



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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 6405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

MINOR (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** NO DISCHARGE ***

Form Approved,
 OMB No. 2040-0004

PERMIT NUMBER KY0027114

DISCHARGE NUMBER 001

MONITORING PERIOD							
FROM	YEAR	MO.	DAY	TO	YEAR	MO.	DAY

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			
OXYGEN, DISSOLVED (DO)		*****	*****		7					1/1	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN			MG/L			
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		10.2		7.2			1/1	GR
	PERMIT REQUIREMENT	*****	*****	****	MINIMUM		MAXIMUM	GU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	679	1786	LBS/DY		506	1310			1/7	CP
00500 3 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	93	55	LBS/DY		10	14			1/7	CP
00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	34	38	LBS/DY		26	28			1/7	CP
00610 3 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1.9	1.9	LBS/DY		0.4	1.6			1/7	CP
00610 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MX WK AV	LBS/DY		NO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT			LBS/DY		0.55	0.82			1/7	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****		NO AVG	MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. Schardain 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Ken Thompson

TELEPHONE 502 540-6000
 DATE 11 10 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 5 WOTC MSD
 ADDRESS C/O CEDAR CREEK WOTC
 5408 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK 5 WOTC MSD
 LOCATION PROSPECT KY 40054
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0027114
 PERMIT NUMBER
 0013
 DISCHARGE NUMBER
 MONITORING PERIOD
 FROM YEAR MO. DAY TO YEAR MO. DAY

MINOR (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** NO DISCHARGE [] ***
 Form Approved. OMB No. 2040-0004
 JETFE

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	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 50050 1 0 0	SAMPLE MEASUREMENT	0.171	0.505	MGD					8	CN	CN
EFFLUENT GROSS VALUE 50050 1 0 0	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD						NDUS	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0	SAMPLE MEASUREMENT					20.010	20.010		8	11	GR
EFFLUENT GROSS VALUE 50060 1 0 0	PERMIT REQUIREMENT					MO AVG	MX WK AV	MG/L			
COOLING, FEEDAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT					4	8		8	1/7	GR
EFFLUENT GROSS VALUE 74055 1 0 0	PERMIT REQUIREMENT					30DA GED	7 DA GED	100MIL			
BOD, CARBONACEOUS 05 DAY, 20C 50052 0 0 0	SAMPLE MEASUREMENT	378	769	LBS/DY		282	564		8	1/7	CP
RAW SEW/INFLUENT 50052 0 0 0	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C 50082 1 0 0	SAMPLE MEASUREMENT	10	13	LBS/DY		6	9		8	1/7	CP
EFFLUENT GROSS VALUE 50082 1 0 0	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C 50091 1 0 0	SAMPLE MEASUREMENT					98			8	1/30	CA
PERCENT REMOVAL 50091 1 0 0	PERMIT REQUIREMENT					MO MIN		PERCENT		MONTH	
SOLID, SUSPENDED 51011 1 0 0	SAMPLE MEASUREMENT					98			8	1/30	CA
PERCENT REMOVAL 51011 1 0 0	PERMIT REQUIREMENT					MO MIN		PERCENT		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. Schardein JK
 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.

Signature of Principal Executive Officer or Authorized Agent
 Ken Thom

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

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

Hunting Creek South

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
9/1/2011	0.13						
9/2/2011	0.13						
9/3/2011	0.13						
9/4/2011	0.14	224	145	28	255.871	165.631	31.984
9/5/2011	0.16						
9/6/2011	0.14						
9/7/2011	0.14						
9/8/2011	0.15						
9/9/2011	0.14						
9/10/2011	0.14						
9/11/2011	0.16	1310	564	26	1785.647	768.783	35.440
9/12/2011	0.18						
9/13/2011	0.13						
9/14/2011	0.13						
9/15/2011	0.13						
9/16/2011	0.13						
9/17/2011	0.13						
9/18/2011	0.15	228	216	25	294.450	278.953	32.286
9/19/2011	0.19						
9/20/2011	0.18						
9/21/2011	0.17						
9/22/2011	0.15						
9/23/2011	0.23						
9/24/2011	0.19						
9/25/2011	0.18	260	204	26	381.140	299.048	38.114
9/26/2011	0.5						
9/27/2011	0.25						
9/28/2011	0.21						
9/29/2011	0.17						
9/30/2011	0.15						
Average	0.171	506	282	26.25	679.277	378.104	34.456
Maximum	0.505	1310	564	28.00	1785.6	768.78	38.114



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

KPDES # KY0029114	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1063-PS	6210 DEEP CREEK CT	DEEP CREEK	HARRODS CREEK	DITCH

<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	1345410	09/26/11 03:55 AM	SINGLETON	SPENCER	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	09/26/11 01:45 PM	

Spot Inspections:

Discharge Amount:	26,250 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	RAKED & LIMED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

09/26/11 03:55 AM	DISPUB	TEMPORARY SIGNS POSTED
09/26/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
09/26/11 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

Total Facilities Printed: 33
Total Work Orders Printed: 33