



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

April 25, 2011

Ms. Crystal Thompson
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek South; WQTC KPDES No.: KY0029114
Discharge Monitoring Reports for March, 2011.**

Dear Ms. Thompson:

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

During the month of March, we were unable to sample the week of 3/8/11 through 3/14/11 or the week of 3/15/11 through 3/21/11 due to flood water submerging the chlorine contact tank. The V-Notch weir was submerged during these time periods.

There were no exceedences or bypasses, Attached is an overflow report.

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

Sincerely,

A handwritten signature in cursive script that reads "Richard Mills".

Richard. Mills
Process Supervisor, East Region

RM/HCS 3.11

Enclosures

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



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

DISCHARGE NUMBER

NOTE: Read Instructions before completing this form.

DEFINITION

PARAMETER		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	*****	*****		10	*****	*****	(19)	0	3/31	GR	
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	7	*****	*****			WEEKLY	GRAB	
EFFLUENT GROSS VALUE				*****	INST MIN			MG/L				
PH	SAMPLE MEASUREMENT	*****	*****		6.9	*****	7.2	(12)	0	3/31	GR	
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	7.0			WEEKLY	GRAB	
EFFLUENT GROSS VALUE				*****	MINIMUM		MAXIMUM	BU				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	172	202	(26)	*****	101	134	(19)	0	2/31	CP	
00530 2 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS	
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	10	15	(26)	*****	5	7	(19)	0	2/31	CP	
00530 1 0 0	PERMIT REQUIREMENT	63	94		*****	30	45			WEEKLY	COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	25	25	(26)	*****	14	16	(19)	0	2/31	CP	
00610 6 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS	
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	3	(26)	*****	0.8	1.2	(19)	0	2/31	CP	
00610 1 2 0	PERMIT REQUIREMENT	11	16		*****	5	7.5			WEEKLY	COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.20	0.25	(19)	0	3/31	CP	
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT			TWICE/MONTH		
EFFLUENT GROSS VALUE				*****		MO AVG	MX WK AV	MG/L				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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.				Richard Mills		TELEPHONE		DATE		
H-J-Schardein Jr								502 540-6000		11 4 27		
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
(See Cover letter for Explanation of Frequency of Analysis,

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

NAME HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSON, SR METRO DPS

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

KY0029114
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

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

JEFFE

NOTE: Read Instructions before completing this form.

PARAMETER	X	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	0.270	0.831	(03)	*****	*****	*****		0	CN	CN
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	40.001	40.001	(19)	0	3/31	GR
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019			WEEKLY GRAB	
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV	MG/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	9	80	(13)	0	2/31	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/		WEEKLY GRAB	
EFFLUENT GROSS VALUE				****		30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	118	139	(26)	*****	70	92	(19)	0	2/31	CP
80082 G 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY COMPOS	
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	4	4	(26)	*****	2	2	(19)	0	2/31	CP
80082 1 0 0	PERMIT REQUIREMENT	21	31		*****	10	15			WEEKLY COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		97	*****	*****	(23)	0	1/31	CA
80091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/ MONTH	
PERCENT REMOVAL				****	MO MIN						
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		95	*****	*****	(23)	0	1/31	CA
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/ MONTH	
PERCENT REMOVAL				****	MO MIN						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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.				TELEPHONE		DATE			
H.J. Schardin Jr.						Richard Mills		502.540-6000		11 4 27	
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE NUMBER		YEAR MO DAY			

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

(See Cover letter for Explanation of Frequency of Analysis)

Hunting Creek South

Date	Flow	INFLUENT					
		Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
3/1/2011	0.308						
3/2/2011	0.25	68	47	12	141.780	97.995	25.020
3/3/2011	0.221						
3/4/2011	0.231						
3/5/2011	0.425						
3/6/2011	0.399						
3/7/2011	0.287						
3/8/2011	0.262						
3/9/2011	0.831						
3/10/2011	0.59						
3/11/2011	0.394						
3/12/2011	0.314						
3/13/2011	0.259						
3/14/2011	0.268						
3/15/2011	0.296						
3/16/2011	0.259						
3/17/2011	0.245						
3/18/2011	0.224						
3/19/2011	0.265						
3/20/2011	0.218						
3/21/2011	0.202						
3/22/2011	0.191						
3/23/2011	0.181	134	92	16	202.278	138.878	24.153
3/24/2011	0.163						
3/25/2011	0.164						
3/26/2011	0.17						
3/27/2011	0.171						
3/28/2011	0.142						
3/29/2011	0.15						
3/30/2011	0.153						
3/31/2011	0.143						
Average	0.270	101	70	14.00	172.029	118.436	24.586
Maximum	0.831	134	92	16.00	202.3	138.88	25.020

Hunting Creek South

Hunting Cr. So.	Report for	Mar-11	Tot. Exc.= 0 (Influent data below.)									
Tot. Flow=	8.376	Concentrations	Pounds									
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem	
3/1/11	0.308											
3/2/11	0.25	7	2	1.2	80	14.595	4.170	2.502	0.151	0.897059	0.957447	
3/3/11	0.221											
3/4/11	0.231											
3/5/11	0.425											
3/6/11	0.399											
3/7/11	0.287											
3/8/11	0.262											
3/9/11	0.831											
3/10/11	0.59											
3/11/11	0.394											
3/12/11	0.314											
3/13/11	0.259											
3/14/11	0.268											
3/15/11	0.296											
3/16/11	0.259											
3/17/11	0.245											
3/18/11	0.224											
3/19/11	0.265											
3/20/11	0.218											
3/21/11	0.202											
3/22/11	0.191											
3/23/11	0.181	3	2	0.39	1	4.529	3.019	0.589	0.253	0.977612	0.978261	
3/24/11	0.163											
3/25/11	0.164											
3/26/11	0.17											
3/27/11	0.171											
3/28/11	0.142											
3/29/11	0.15											
3/30/11	0.153								0.193			
3/31/11	0.143											
Average	0.270	5.00	2.00	0.80	8.94	9.56	3.59	1.55	0.20	95%	97%	
Maximum	0.831	7.00	2.00	1.20	80.00	14.60	4.17	2.50	0.25			

Report Selections: Excluding PPI, CSO, Excluding LAT and SSL, 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 SLS Sewer Lift Station	Facility ID MSD1063-PS	Facility Address 6210 DEEP CREEK CT	If Pump Station, Name of Pump Station: DEEP CREEK	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	1219926	03/09/11 01:08 AM	ELDER	MILLS	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	03/10/11 03:00 PM	

Spot Inspections:

Discharge Amount:	22,720 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN IN AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AREA
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

03/09/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
03/09/11 01:08 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AREA
03/09/11 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