



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

March 25, 2011

Crystal Thompson
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek North; WQTC KPDES No.: KY0029106
Discharge Monitoring Reports for February 2011**

Dear Ms. Thompson:

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

There are no exceedences, overflow reports or bypass reports for this month.

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/HCN 2 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 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 40057

ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029106

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

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PARAMETER	X	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)	0	1/7	GR								
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****			WEEKLY	GRAB								
EFFLUENT GROSS VALUE				****	INST MIN			MG/L											
PH	SAMPLE MEASUREMENT	*****	*****		7.1	*****	7.5	(12)	0	1/7	GR								
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB								
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	315	444	(26)	*****	184	224	(19)	0	1/7	CP								
00530 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	LUMPUS								
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	3	3	(26)	*****	2	2	(19)	0	1/7	CP								
00530 1 0 0	PERMIT REQUIREMENT	90	134		*****	30	45			WEEKLY	LUMPUS								
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	33	37	(26)	*****	20	24	(19)	0	1/7	CP								
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	LUMPUS								
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.4	0.5	(26)	*****	0.3	0.3	(19)	0	1/7	CP								
00610 1 2 0	PERMIT REQUIREMENT	15	22		*****	5	7.5			WEEKLY	LUMPUS								
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L											
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.4	0.6	(19)	0	1/7	CP								
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT			TWICE	LUMPUS								
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV	MG/L			MONTH								
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. Schardein JR Executive Director						502 540-6000		11 03 93											
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)

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 THOMASSON, SR METRO OPS

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

KY0029106
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE 1 ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	02	01		11	02	23

NOTE: Read Instructions before completing this form.

PARAMETER		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	0.249	0.841	(03)	*****	*****	*****		0	CN	CN
30050 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	
EFFLUENT GROSS VALUE								****			
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	20-010	20-010	(17)	0	1/7	GR
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011 MD AVG	0.019 DAILY MX	MG/L		WEEKLY GRAB	
EFFLUENT GROSS VALUE				****							
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	12	25	(13)	0	6/28	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GED	400 7 DA GED	#/ 100ML		WEEKLY GRAB	
EFFLUENT GROSS VALUE				****							
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	232	303	(26)	*****	137	180	(17)	0	1/7	CP
80082 0 0 0	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY COMPOS	
RAW SEW/INFLUENT											
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	3	4	(26)	*****	2	2	(17)	0	1/7	CP
80082 1 0 0	PERMIT REQUIREMENT	30 MD AVG	45 MX WK AV	LBS/DY	*****	10 MD AVG	15 MX WK AV	MG/L		WEEKLY COMPOS	
EFFLUENT GROSS VALUE											
BOD, CARB-S DAY, 20 DEG C, PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	(23)	0	1/28	CA
80091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER-CENT		ONCE/ MONTH	
PERCENT REMOVAL				****							
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	(23)	0	1/28	CA
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MD MIN	*****	*****	PER-CENT		ONCE/ MONTH	
PERCENT REMOVAL				****							

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H J 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.

Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 502 540-6000
 DATE
 11 03 23
 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
2/1/2011	0.318						
2/2/2011	0.261	204	139	15	444.055	302.567	32.651
2/3/2011	0.198						
2/4/2011	0.199						
2/5/2011	0.231						
2/6/2011	0.212						
2/7/2011	0.215						
2/8/2011	0.205						
2/9/2011	0.193	220	131	17	354.116	210.860	27.364
2/10/2011	0.198						
2/11/2011	0.182						
2/12/2011	0.213						
2/13/2011	0.219						
2/14/2011	0.192						
2/15/2011	0.178						
2/16/2011	0.183	224	180	24	341.873	274.720	36.629
2/17/2011	0.19						
2/18/2011	0.181						
2/19/2011	0.185						
2/20/2011	0.192						
2/21/2011	0.201						
2/22/2011	0.17						
2/23/2011	0.198	86	98	24	142.014	161.829	39.632
2/24/2011	0.33						
2/25/2011	0.841						
2/26/2011	0.354						
2/27/2011	0.316						
2/28/2011	0.415						
Average	0.249	184	137	20.00	320.515	237.494	34.069
Maximum	0.841	224	180	24.00	444.1	302.57	39.632

Hunting Creek North

Hunting Cr. No.		Report for		Feb-11		Tot. Exc.=		0				
Tot. Flow= 6.97				Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T. Phos	TSS Rem	BOD Rem	
2/1/11	0.318											
2/2/11	0.261	1	2	0.22	8	2.177	4.353	0.479	0.346	0.995098	0.985612	
2/3/11	0.198											
2/4/11	0.199											
2/5/11	0.231											
2/6/11	0.212											
2/7/11	0.215											
2/8/11	0.205											
2/9/11	0.193	2	2	0.28	20	3.219	3.219	0.451	0.634	0.990909	0.984733	
2/10/11	0.198											
2/11/11	0.182											
2/12/11	0.213											
2/13/11	0.219											
2/14/11	0.192											
2/15/11	0.178											
2/16/11	0.183	2	2	0.28	1500	3.052	3.052	0.427	0.304	0.991071	0.988889	
2/17/11	0.19											
2/18/11	0.181				5							
2/19/11	0.185				2							
2/20/11	0.192											
2/21/11	0.201											
2/22/11	0.17											
2/23/11	0.198	2	2	0.22	1	3.303	3.303	0.363	0.287	0.976744	0.979592	
2/24/11	0.33											
2/25/11	0.841											
2/26/11	0.354											
2/27/11	0.316											
2/28/11	0.415											
Average	0.249	1.75	2.00	0.25	11.57	2.94	3.48	0.43	0.39	99%	99%	
Maximum	0.841	2.00	2.00	0.28	25.00	3.30	4.35	0.48	0.63			