



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

September 16, 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 Aug. 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 Aug. 2011.

There were no exceedences, overflows 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/North Hunting Creek 8.11

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

2405 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)

PROSPECT
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM

TO

MINOR

(SUBS LV)

3 - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** 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			
OXYGEN, DISSOLVED (DO)	PERMIT REQUIREMENT				7					1/1	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			****	INLET MIN			MG/L			
PH	PERMIT REQUIREMENT				6.9		7.3			1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			****	MINIMUM		MAXIMUM	EU			
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	220	346			219	324			1/7	CP
00500 7 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	PERMIT REQUIREMENT	5	8			5	9			1/7	CP
00600 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	29	40			30	41			1/7	CP
00610 8 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT REQUIREMENT	0.4	0.6			0.4	0.6			1/7	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	PERMIT REQUIREMENT					0.6	1.3			5/31	CP
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			****		MD 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.T. Schaefer TR Executive Director						502 540-6600		11 09 16			
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE	NUMBER	YEAR	MO	DAY	
		Keith Thayer									

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

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

NAME HUNTING CREEK W WGTG MSD

ADDRESS C/D CEDAR CREEK WGTG

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK W WGTG MSD

LOCATION PROSPECT

KY 40037

ATTN: DENNIS THOMASSEN SR METRO OPS

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

KY0027105

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MINOR

(SUBS LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE ***

00001

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	0.119	0.144	MGD						8	CN	CN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE			MGD		10.010	10.010	MG/L		8	1/1	GR
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE			MGD		4	7	MG/L		8	1/7	GR
BOD, CARBONACEOUS 5 DAY, 20C 50082 0 0 0 RAW SEW/INFLUENT	154	180	LBG/DY		155	173	MG/L		8	1/7	CP
BOD, CARBONACEOUS 5 DAY, 20C 50082 1 0 0 EFFLUENT GROSS VALUE	3	4	LBG/DY		3	4	MG/L		8	1/7	CP
BOD, CARB-5 DAY, 20C 50091 1 0 0 PERCENT REMOVAL			PERCENT		98		PERCENT		8	1/31	CA
SOLIDS, SUSPENDED 51011 1 0 0 PERCENT REMOVAL			PERCENT		98		PERCENT		8	1/31	CA

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

H.J. Scharlein TR
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 09 16

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

Hunting Creek North

Hunting Cr. No.		Report for Aug-11				Tot. Exc.=		0 (Influent data below.)				
Tot. Flow= 3.678		Concentrations				Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T. Phos	TSS Rem	BOD Rem	
8/1/11	0.104											
8/2/11	0.116	4	2	0.34	6	3.870	1.935	0.329	0.310	0.973684	0.984252	
8/3/11	0.116											
8/4/11	0.118											
8/5/11	0.113											
8/6/11	0.116											
8/7/11	0.144											
8/8/11	0.123											
8/9/11	0.107	9	2	0.5	4	8.031	1.785	0.446	0.711	0.954082	0.9875	
8/10/11	0.113											
8/11/11	0.115											
8/12/11	0.109											
8/13/11	0.13											
8/14/11	0.11											
8/15/11	0.102											
8/16/11	0.125	2	2	0.28	7	2.085	2.085	0.292	0.377	0.990196	0.988439	
8/17/11	0.118											
8/18/11	0.128											
8/19/11	0.121											
8/20/11	0.12											
8/21/11	0.128											
8/22/11	0.14											
8/23/11	0.128	4	4	0.56	2	4.270	4.270	0.598	0.359	0.987654	0.975	
8/24/11	0.126											
8/25/11	0.119											
8/26/11	0.111											
8/27/11	0.119											
8/28/11	0.123											
8/29/11	0.114											
8/30/11	0.106											
8/31/11	0.116								1.300			
Average	0.119	4.75	2.50	0.42	4.28	4.56	2.52	0.42	0.61	98%	98%	
Maximum	0.144	9.00	4.00	0.56	7.00	8.03	4.27	0.60	1.30			
Exceed.	0	0	0	0	0	0	0	0	0	0	0	
DailyMX		0	0	0	0	0	0	0	0			
MoAVG		0	0	0	0	0	0	0	0	0	0	
Minimum	0.102 MIN		MAX									

Hunting Creek North

Date	Flow	INFLUENT			Pounds		
		Concentration					
		TSS	BOD	NH3	TSS	BOD	NH3
8/1/2011	0.104						
8/2/2011	0.116	152	127	41	147.051	122.865	39.665
8/3/2011	0.116						
8/4/2011	0.118						
8/5/2011	0.113						
8/6/2011	0.116						
8/7/2011	0.144						
8/8/2011	0.123						
8/9/2011	0.107	196	160	27	174.906	142.781	24.094
8/10/2011	0.113						
8/11/2011	0.115						
8/12/2011	0.109						
8/13/2011	0.13						
8/14/2011	0.11						
8/15/2011	0.102						
8/16/2011	0.125	204	173	23	212.670	180.353	23.978
8/17/2011	0.118						
8/18/2011	0.128						
8/19/2011	0.121						
8/20/2011	0.12						
8/21/2011	0.128						
8/22/2011	0.14						
8/23/2011	0.128	324	160	27	345.876	170.803	28.823
8/24/2011	0.126						
8/25/2011	0.119						
8/26/2011	0.111						
8/27/2011	0.119						
8/28/2011	0.123						
8/29/2011	0.114						
8/30/2011	0.106						
8/31/2011	0.116						
Average	0.119	219	155	29.50	220.126	154.200	29.140
Maximum	0.144	324	173	41.00	345.9	180.35	39.665