



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

November 11, 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 Oct. 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 Oct. 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)587-5832

Sincerely,

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

Richard Mills
Process Supervisor of Metro Operations

RM/Hunting Creek South 10.11

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

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK S WQTC MSD

LOCATION PROSPECT

KY 40059

ATTN: DENNIS THOMASSEN, SR METRO OPS

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 1 ***

NOTE: Read Instructions before completing this form.

JEFFE

Form Approved.
OMB No. 2040-0004

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	*****	*****		7	*****	*****	(19)	0	1/1	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****			WEEKLY	GRAS
EFFLUENT GROSS VALUE				****	INST MIN			MG/L			
PH	SAMPLE MEASUREMENT	*****	*****		6.4	*****	7.2	(12)	0	1/1	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAS
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	322	426	(26)	*****	284	390	(19)	0	1/7	CP
00530 6 0 0	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT			WEEKLY	COMPUS
RAW SEW/INFLUENT		MO AVG	MX WK AV			MO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	8	12	(26)	*****	7	10	(19)	0	1/7	CP
00530 1 0 0	PERMIT REQUIREMENT	63	94	LBS/DY	*****	30	45			WEEKLY	COMPUS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV			MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	28	30	(26)	*****	25	27	(19)	0	1/7	CP
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT			WEEKLY	COMPUS
RAW SEW/INFLUENT		MO AVG	MX WK AV			MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.4	0.7	(26)	*****	0.4	0.6	(19)	0	1/7	CP
00610 1 1 0	PERMIT REQUIREMENT	4	6	LBS/DY	*****	2	3			WEEKLY	COMPUS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV			MO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.58	1.0	(19)	0	1/7	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT			WEEKLY	COMPUS
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 Executive Director						Richard Mills		502.540-6000			11 11 22
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 S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 3405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSEN, SR METRO OPS

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 1-1-1 ***

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	10	01		11	10	31

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											
50050 1 0 0											
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.149	0.257	(03)	*****	*****	*****		0	CN	CN
	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINGENT	UDUS
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	20-010	20-010	(19)	0	1/1	GR
50060 1 0 0											
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019	MD AVG		WEEKLY	GRAB
						MD AVG	MX WK AV	MD/L			
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)	0	1/7	GR
74055 1 0 0											
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #/	30DA GEO		WEEKLY	GRAB
						30DA GEO	7 DA GEO	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	205	330	(26)	*****	180	206	(19)	0	1/7	CP
50062 6 0 0											
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
		MD AVG	MX WK AV	LES/DY		MD AVG	MX WK AV	MD/L			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	3	5	(26)	*****	3	4	(19)	0	1/7	CP
50062 1 0 0											
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	21	31		*****	10	15			WEEKLY	COMPOS
		MD AVG	MX WK AV	LES/DY		MD AVG	MX WK AV	MD/L			
BOD, CARB-S DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		98	*****	*****	(23)	0	CA	CA
50091 K 0 0											
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	65	*****	*****	PER-CENT		ONCE/	CALC'D
					MD MIN					MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		97	*****	*****	(23)	0	CA	CA
51011 K 0 0											
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	65	*****	*****	PER-CENT		ONCE/	CALC'D
					MD MIN					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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
H. Schardein Executive Director								540 540-6000		11	12
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO
										DAY	

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

Hunting Creek South

Date	Flow	INFLUENT			Pounds		
		Concentration TSS	Concentration BOD	Concentration NH3	TSS	BOD	NH3
10/1/11	0.149						
10/2/11	0.152						
10/3/11	0.141						
10/4/11	0.139	342	193	25	396.398	223.699	28.976
10/5/11	0.125						
10/6/11	0.132						
10/7/11	0.131						
10/8/11	0.131						
10/9/11	0.142						
10/10/11	0.132						
10/11/11	0.131	390	206	27	426.416	225.235	29.521
10/12/11	0.129						
10/13/11	0.164						
10/14/11	0.147						
10/15/11	0.134						
10/16/11	0.145						
10/17/11	0.128						
10/18/11	0.140	238	197	25	278.226	230.297	29.225
10/19/11	0.156						
10/20/11	0.222						
10/21/11	0.161						
10/22/11	0.147						
10/23/11	0.156						
10/24/11	0.140						
10/25/11	0.137	164	124	23	187.192	141.535	26.252
10/26/11	0.139						
10/27/11	0.257						
10/28/11	0.178						
10/29/11	0.149						
10/30/11	0.152						
10/31/11	0.135						
Average	0.149	284	180	25.00	322.058	205.191	28.494
Maximum	0.257	390	206	27.00	426.4	230.30	29.521

Hunting Creek South

Hunting Cr. So.		Report for		Oct-11		Tot. Exc.=		0 (Influent data below.)			
Tot. Flow= 4.619856				Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
10/1/11	0.149										
10/2/11	0.152										
10/3/11	0.141										
10/4/11	0.139	9	2	0.56	1	10.432	2.318	0.649	0.399	0.973684	0.989637
10/5/11	0.125										
10/6/11	0.132										
10/7/11	0.131										
10/8/11	0.131										
10/9/11	0.142										
10/10/11	0.132										
10/11/11	0.131	8	3	0.28	1	8.747	3.280	0.306	0.699	0.979487	0.985437
10/12/11	0.129										
10/13/11	0.164										
10/14/11	0.147										
10/15/11	0.134										
10/16/11	0.145										
10/17/11	0.128										
10/18/11	0.140	10	4	0.28	1	11.690	4.676	0.327	0.978	0.957983	0.979695
10/19/11	0.156										
10/20/11	0.222										
10/21/11	0.161										
10/22/11	0.147										
10/23/11	0.156										
10/24/11	0.140										
10/25/11	0.137	2	3	0.28	1	2.283	3.424	0.320	0.228	0.987805	0.975806
10/26/11	0.139										
10/27/11	0.257										
10/28/11	0.178										
10/29/11	0.149										
10/30/11	0.152										
10/31/11	0.135										
Average	0.149	7.25	3.00	0.35	1.00	8.29	3.42	0.40	0.58	97%	98%
Maximum	0.257	10.00	4.00	0.56	1.00	11.69	4.68	0.65	0.98		