



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

March 21, 2012

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 Report for February 2012**

Dear Ms. Edwards:

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 February 2012.

There were no exceedences, bypasses or overflows to report.

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 02/12

Enclosures

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



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

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

MINOR  
(SUBR LV)  
F - FINAL  
MUNICIPAL DISCHARGE  
EFFLUENT

JETTE

\*\*\* NO DISCHARGE 1 1 \*\*\*

NOTE: Read Instructions before completing this form.

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 OPS

KY0029114  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	02	01		12	02	29

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) 00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	8	*****	*****	( 19	0	1/1	GR
PH	PERMIT REQUIREMENT	*****	*****	*****	7	*****	*****	INST MIN		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	7.0	*****	*****	( 12	0	1/1	GR
PH 00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	9.0	MINIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 6 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	301	454	( 25)	*****	171	274	( 19	0	1/7	CP
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	63	94	( 25)	*****	2	3	( 19	0	1/7	CP
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY	*****	30	45			WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 6 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	29	35	( 25)	*****	16	17	( 19	0	1/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	11	16	( 25)	*****	0.3	0.5	( 19	0	1/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY	*****	5	7.5			WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.2	0.4	( 19	0	5/29	CP
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT			TWICE	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	MO AVG	MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

Greg C. Hertzman  
Interim Executive Director

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

12 3 26

AREA CODE

NUMBER

YEAR

MO

DAY

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

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 OPS

KY0029114		001 1					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	12	02	01		12	02	27

MINOR (SUBR LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE EFFLUENT  
 \*\*\* NO DISCHARGE 1-1 \*\*\*  
 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	0.205	0.279	( G3)	*****	*****	*****		0	CW	CW
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	CONTINUOUS
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UDUS	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	<0.010	<0.010	( 19)	0	1/1	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	*****	*****		*****	11	96	( 13)	0	1/7	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #/			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		30DA GEC	7 DA GEC	100ML			
BOD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	239	313	( 26)	*****	134	191	( 19)	0	1/7	CP
80082 0 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 5 DAY, 20C	SAMPLE MEASUREMENT	5	7	( 26)	*****	3	4	( 19)	0	1/7	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 REMOVAL	SAMPLE MEASUREMENT	*****	*****		98	*****	*****	( 23)	0	CA	CA
80091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/ MONTH	CALC'D
PERCENT REMOVAL				****	MO MIN						
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	( 23)	0	CA	CA
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-CENT		ONCE/ MONTH	CALC'D
PERCENT REMOVAL				****	MO MIN						

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Greg C. Hartzman</i> Interim Executive Director	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.	<i>Richard Mills</i>	TELEPHONE		DATE		
			502-570-6000	12	3	26	
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)

Hunting Creek South

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
2/1/2012	0.244						
2/2/2012	0.222	58	59	16	107.144	108.991	29.557
2/3/2012	0.215						
2/4/2012	0.279						
2/5/2012	0.265						
2/6/2012	0.22						
2/7/2012	0.2						
2/8/2012	0.209						
2/9/2012	0.197	238	191	17	390.037	313.013	27.860
2/10/2012	0.206						
2/11/2012	0.206						
2/12/2012	0.196						
2/13/2012	0.189						
2/14/2012	0.193						
2/15/2012	0.19						
2/16/2012	0.265	114	109	16	252.161	241.101	35.391
2/17/2012	0.196						
2/18/2012	0.195						
2/19/2012	0.196						
2/20/2012	0.178						
2/21/2012	0.194						
2/22/2012	0.179						
2/23/2012	0.199	274	176	15	454.358	291.851	24.874
2/24/2012	0.183						
2/25/2012	0.182						
2/26/2012	0.176						
2/27/2012	0.169						
2/28/2012	0.158						
2/29/2012	0.244						
Average	0.205	171	134	16.00	300.925	238.739	29.420
Maximum	0.279	274	191	17.00	454.4	313.01	35.391

