

R/S

MSD

Metropolitan Sewer District

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

February 10, 2011

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

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

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

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

Sincerely,



Richard. Mills
Process Supervisor, East Region

RM/HCS 1 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
 3405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40057
 ATTN: DENNIS THOMASSON, 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

JEFFI

Form Approved
 OMB No. 2040-0004

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

*** NO DISCHARGE 1 1 ***

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) 00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	(17) MG/L	0	1/7	GR
PH 00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.8	*****	6.9	(12) SU	0	1/7	GR
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	(17) MG/L	0	1/7	CP
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	63 MD AVG	94 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	(17) MG/L	0	1/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	(17) MG/L	0	1/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	11 MD AVG	15 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	(17) MG/L	0	1/7	CP
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	(17) MG/L	0	1/7	CP

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. Schardewitz 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.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Richard Mills

TELEPHONE
 502 540-6000
 DATE
 11 20 10
 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
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029114 001 1
 PERMIT NUMBER DISCHARGE NUMBER

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

JEFFE

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

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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		0.172	0.376	(03)	*****	*****	*****		0	CN	CN
50050 1 0 0	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	*****	*****	*****	****		CONTIN	CONTIN
EFFLUENT GROSS VALUE								****		UOUS	
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	40.010	20.010	(17)	0	1/7	GR
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011 MO AVG	0.019 MX WK AV	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****							
COLIFORM, FECAL GENERAL		*****	*****		*****	1	2	(13)	0	1/7	GR
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GEG	400 7 DA GEG	#/ 100ML		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****							
BOD, CARBONACEOUS 05 DAY, 20C		210	354	(25)	*****	149	276	(17)	0	1/7	CP
80082 0 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPLUS
RAW SEW/INFLUENT											
BOD, CARBONACEOUS 05 DAY, 20C		4	5	(25)	*****	3	3	(17)	0	1/7	CP
80082 1 0 0	PERMIT REQUIREMENT	21 MO AVG	31 MX WK AV	LBS/DY	*****	10 MO AVG	15 MX WK AV	MG/L		WEEKLY	COMPLUS
EFFLUENT GROSS VALUE											
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL		*****	*****		98	*****	*****	(25)	0	1/31	CA
80091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MO MIN	*****	*****	PER-CENT		ONCE/	CALCUL
PERCENT REMOVAL				****						MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		96	*****	*****	(25)	0	1/31	CA
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85 MO MIN	*****	*****	PER-CENT		ONCE/	CALCUL
PERCENT REMOVAL				****						MONTH	

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 Mr. Schardew Jr.
 Executive Director
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Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502-540-6000
 DATE 11 2 10
 AREA CODE NUMBER YEAR MO DAY

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

Hunting Creek South

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
1/1/2011	0.346						
1/2/2011	0.268						
1/3/2011	0.222	112	95	18	207.366	175.891	33.327
1/4/2011	0.19						
1/5/2011	0.178						
1/6/2011	0.178						
1/7/2011	0.169						
1/8/2011	0.166						
1/9/2011	0.165						
1/10/2011	0.143	50	95	25	59.631	113.299	29.816
1/11/2011	0.15						
1/12/2011	0.143						
1/13/2011	0.143						
1/14/2011	0.137						
1/15/2011	0.151						
1/16/2011	0.146						
1/17/2011	0.157						
1/18/2011	0.19						
1/19/2011	0.18	138	130	21	207.166	195.156	31.525
1/20/2011	0.168						
1/21/2011	0.157						
1/22/2011	0.157						
1/23/2011	0.166						
1/24/2011	0.154	350	276	20	449.526	354.483	25.687
1/25/2011	0.155						
1/26/2011	0.17						
1/27/2011	0.164						
1/28/2011	0.156						
1/29/2011	0.162						
1/30/2011	0.164						
1/31/2011	0.144						
Average	0.172	163	149	21.00	230.922	209.707	30.089
Maximum	0.346	350	276	25.00	449.5	354.48	33.327