



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

August 24, 2009

Ms. Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re: MSD Metro Operations
North Hunting Creek; KPDES No.: KY0029106
Discharge Monitoring Reports –July, 2009

Dear Ms. Prather

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek North WTP, KPDES No.: KY0029106 for the month of July 2009

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

Sincerely,

A handwritten signature in black ink, appearing to read "D.J. Rheinlaender", with a stylized flourish at the end.

D.J. Rheinlaender
Process Supervisor - Operations

DJR/HCN 0709

Enclosures

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



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 40059
 TTN: DENNIS THOMASSON, SR METRO OPS

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

Form Approved.
 OMB No. 2040-0004

KY0029106
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL

JEFF

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	07	07	01		07	07	31

MUNICIPAL DISCHARGE
 EFFLUENT

*** NO DISCHARGE 1/1 ***

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			
HYDROGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		8	*****	*****	(19)		1/7	GR
0300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	INST MIN						
11	SAMPLE MEASUREMENT	*****	*****		7.4	*****	7.7	(12)		1/7	GR
0400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	7.0	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM				
OLYDOS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	402	579	(26)	*****	207	270	(19)		1/7	CP
0500 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
AM SEW/INFLUENT		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV				
OLYDOS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	11	18	(26)	*****	5	7	(19)		1/7	CP
0500 1 0 0	PERMIT REQUIREMENT	90	134		*****	30	45	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	54	89	(26)	*****	29	40	(19)		1/7	CP
0610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
AM SEW/INFLUENT		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	0.2	0.4	(26)	*****	0.1	0.2	(19)		1/7	CP
0610 1 1 0	PERMIT REQUIREMENT	6.0	9.0		*****	2	3	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.55	0.75	(19)		5/31	CP
0660 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WICE/MONTH	COMPOS
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 Exec. Dir
 H. J. Skordian Jr
 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

TELEPHONE

DATE

AREA CODE

NUMBER

YEAR

MO

DAY

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

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

AME HUNTING CREEK N WOTC MSD
 DDRESS C/O CEDAR CREEK WOTC
 18405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 ACILITY HUNTING CREEK N WOTC MSD
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 ITN: DENNIS THOMASSEN, SR METRO DPS

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

KY0029106
 PERMIT NUMBER

001 1
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 MUNICIPAL DISCHARGE
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 *** NO DISCHARGE [] ***
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	31

FROM

TO

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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS				
LOW. IN CONDUIT OR HRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.253	0.749	(03)	*****	*****	*****					
COSO 1 C O	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	***			CONTINUOUS	
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				***				
HLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	*****	*****	(19)				
0040 1 C O	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019				WEEKLY	
EFFLUENT GROSS VALUE				****		MD AVG	DAILY MX	MG/L			GRAB	
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)				
4055 1 C O	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #/				WEEKLY	
EFFLUENT GROSS VALUE				****		30DA GED	7 DA GED	100CML			GRAB	
OD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	432	608	(26)	*****	236	293	(19)				
0082 2 C O	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT				WEEKLY	
AM SEW/INFLUENT		MD AVG	MX WK AV	LB5/DY		MD AVG	MX WK AV	MG/L			COMPOS	
OD, CARBONACEOUS 5 DAY, 20C	SAMPLE MEASUREMENT	6	8	(26)	*****	3	3	(19)				
0082 1 C O	PERMIT REQUIREMENT	30	45		*****	10	15				WEEKLY	
EFFLUENT GROSS VALUE		MD AVG	MX WK AV	LB5/DY		MD AVG	MX WK AV	MG/L			COMPOS	
OD, CARE-5 DAY, 20 EG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****		99	*****	*****	(23)				
0091 K O O	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-			ONCE/ CALCD	
ERCENT REMOVAL				****	MD MIN			CENT			MONTH	
CLIDS, SUSPENDED ERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		97	*****	*****	(23)				
1011 K O O	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-			ONCE/ CALCD	
ERCENT REMOVAL				****	MD MIN			CENT			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		
BAH, DC												
H. J. Schindler Jr								501 546 6000		09 08 17		
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

Hunting Creek North

		INFLUENT						
		Concentration				Pounds		
Date	Flow	TSS	BOD	NH3		TSS	BOD	NH3
7/1/2009	0.267	260	273	40		578.963	607.911	89.071
7/2/2009	0.26							
7/3/2009	0.189							
7/4/2009	0.219							
7/5/2009	0.218							
7/6/2009	0.206							
7/7/2009	0.197							
7/8/2009	0.202	210	287	24		353.783	483.503	40.432
7/9/2009	0.207							
7/10/2009	0.198							
7/11/2009	0.204							
7/12/2009	0.209							
7/13/2009	0.196							
7/14/2009	0.187							
7/15/2009	0.199	270	293	33		448.108	486.280	54.769
7/16/2009	0.184							
7/17/2009	0.178							
7/18/2009	0.169							
7/19/2009	0.174							
7/20/2009	0.208							
7/21/2009	0.174							
7/22/2009	0.308	88	89	20		226.047	228.616	51.374
7/23/2009	0.236							
7/24/2009	0.192							
7/25/2009	0.248							
7/26/2009	0.359							
7/27/2009	0.233							
7/28/2009	0.217							
7/29/2009	0.586							
7/30/2009	0.472							
7/31/2009	0.749							
Average	0.253	207	236	29.25		401.725	451.578	58.912
Maximum	0.749	270	293	40.00		579.0	607.91	89.071

