



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

October 22, 2009

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

**Re: MSD Metro Operations
Hunting Creek South; WQTC KPDES No.: KY0029114
Discharge Monitoring Reports – September 2009.**

Dear Ms. Bentley

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 September 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", is written over a large, stylized, light-colored graphic element that resembles a signature or a decorative flourish.

D.J. Rheinlaender
Process Supervisor, East Region

DJR/HCS 0909

Enclosures

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



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

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

MINOR
(SUBR LV)
7 - FINAL

JEFFE

KY0029114
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
09	07	01		09	07	30

FROM

TO

MUNICIPAL DISCHARGE
EFFLUENT

*** NO DISCHARGE ***

NOTE: Read Instructions before completing this form.

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

AME HUNTING CREEK S WQTC MSD
DDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
ACILITY HUNTING CREEK S WQTC MSD
LOCATION PROSPECT KY 40059
STAFF DENNIS THOMASSON, SR METRO OPS

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)	*****	*****	*****		8	*****	*****	(19)	0	1/7	GB
DO3000 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	INST MIN.						
PH	*****	*****	*****		6.3	*****	6.4	(12)	0	1/7	GB
DO4000 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	MG/L			
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	(26)	*****	258	436	(19)	0	1/7	CP
DO5300 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT	*****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPLIS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
SOLIDS, TOTAL SUSPENDED	*****	*****	*****	(26)	*****	16	31	(19)	0	1/7	CP
DO5500 1 0 0	PERMIT REQUIREMENT	53	94	*****	*****	30	45	MG/L		WEEKLY	COMPLIS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	*****	(26)	*****	19	22	(19)	0	1/7	CP
DO6100 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT	*****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPLIS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	*****	(26)	*****	0.5	1	(19)	0	1/7	CP
DO6100 1 1 0	PERMIT REQUIREMENT	4	5	*****	*****	2	3	MG/L		WEEKLY	COMPLIS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV				
PHOSPHORUS, TOTAL (AS P)	*****	*****	*****	(19)	*****	0.42	0.62	(19)	0	5/30	CP
DO6600 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WICE/MONTH	COMPLIS
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV				

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
EXEC. DIR
H. J. Schradin
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
502 586 4400
DATE
09 10 19
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)

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

MINOR
(SUBR LV)

JEFFE

NAME HUNTING CREEK S WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
10405 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
09	09	01		09	09	30

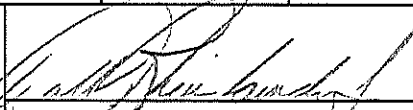
7 - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE 1 1 ***

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				(G3)	*****	*****	*****		0	C/N	C/N
30050 1 0 0 EFFLUENT GROSS VALUE		0.189	0.366		*****	*****	*****	***		CONTINUOUS	CONTINUOUS
30050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT	30DA AVG DAILY MX	*****	*****	*****	***		CONTINUOUS	CONTINUOUS
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	50.010	50.010	(19)	0	1/7	GR
30060 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.011	0.019	MO AVG MX WK AV		WEEKLY	GR
30060 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	MO AVG	MX WK AV	MG/L		WEEKLY	GR
COLIFORM, FECAL GENERAL		*****	*****		*****	1	1	(13)	0	1/7	GR
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	200	400 #	30DA SEC 7 DA SEC		WEEKLY	GR
300 300 CARBONACEOUS 5 DAY, 20C		246	392	(26)	*****	196	346	(19)	0	1/7	CP
30082 0 0 0 RAW SEW/INFLUENT		REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPLUS
30082 0 0 0 RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	COMPLUS
300 300 CARBONACEOUS 5 DAY, 20C		5	8	(26)	*****	4	4	(19)	0	1/7	CP
30082 1 0 0 EFFLUENT GROSS VALUE		21	31	LBS/DY	*****	10	15	MG/L		WEEKLY	COMPLUS
30082 1 0 0 EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	COMPLUS
300 300 CARB-5 DAY, 20 SEC C, PERCENT REMVL		*****	*****		98	*****	*****	(23)	0	1/30	CA
30091 A 0 0 PERCENT REMOVAL		*****	*****	*****	85	*****	*****	PERCENT		UNDE/VALID	UNDE/VALID
30091 A 0 0 PERCENT REMOVAL		*****	*****	*****	MO MIN	*****	*****	PERCENT		MONTH	MONTH
300 300 SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		94	*****	*****	(23)	0	1/30	CA
31011 A 0 0 PERCENT REMOVAL		*****	*****	*****	85	*****	*****	PERCENT		UNDE/VALID	UNDE/VALID
31011 A 0 0 PERCENT REMOVAL		*****	*****	*****	MO MIN	*****	*****	PERCENT		MONTH	MONTH

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
exec. Dir
H. J. Schauder
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 546-4100
DATE 09 10 19
AREA CODE NUMBER YEAR MO DAY

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

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
9/1/2009	0.136	436	346	22	494.529	392.447	24.953
9/2/2009	0.142						
9/3/2009	0.146						
9/4/2009	0.138						
9/5/2009	0.138						
9/6/2009	0.137						
9/7/2009	0.166						
9/8/2009	0.148	292	210	21	360.421	259.207	25.921
9/9/2009	0.13						
9/10/2009	0.133						
9/11/2009	0.117						
9/12/2009	0.125						
9/13/2009	0.134						
9/14/2009	0.13						
9/15/2009	0.121	134	131	20	135.225	132.197	20.183
9/16/2009	0.126						
9/17/2009	0.131						
9/18/2009	0.122						
9/19/2009	0.132						
9/20/2009	0.263						
9/21/2009	0.356						
9/22/2009	0.248	170	97	11	351.614	200.627	22.752
9/23/2009	0.31						
9/24/2009	0.317						
9/25/2009	0.338						
9/26/2009	0.295						
9/27/2009	0.366						
9/28/2009	0.248						
9/29/2009	0.2						
9/30/2009	0.166						
Average	0.189	258	196	18.50	335.447	246.120	23.452
Maximum	0.366	436	346	22.00	494.5	392.45	25.921

