



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

July 22, 2009

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

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

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WTP, KPDES No.: KY0029114 for the month of June 2009

Also inclosed are the Discharge Reports.

If you have any questions concerning the attached DMRs, please contact me at (502)241-9093.

Sincerely,

A handwritten signature in black ink, appearing to read "D.J. Rheinlaender", is written over a large, stylized, circular mark.

D.J. Rheinlaender
Process Supervisor, East Region

DJR/HCS 0609

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 MSO HUNTING CREEK SOUTH STP
ADDRESS C/O CEDAR CREEK STP
2405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY MSO HUNTING CREEK SOUTH STP
LOCATION PROSPECT KY 40059
ATTN: DONNIS THOMASSON, SR METRO OPS

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

WY0029114
PERMIT NUMBER
001
DISCHARGE NUMBER
MONITORING PERIOD
YEAR MO DAY TO YEAR MO DAY
FROM 07 02 01 TO 07 03 01

Form Approved, OMB No. 2040-0004
MINOR (SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE ***

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			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****		7	*****	*****	(17)	0	1/7	CR
00360 1 0 0	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	CR
EFFLUENT GROSS VALUE											
PH	SAMPLE MEASUREMENT	*****	*****		6.3	*****	*****	(12)	0	1/7	CR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	5.0	*****	7.0	BU		WEEKLY	CR
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM				
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	261	486	(25)	*****	161	248	(17)	0	1/7	CP
00500 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	CR
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	25	41	(25)	*****	17	30	(17)	0	1/7	CP
00550 1 0 0	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEKLY	CR
EFFLUENT GROSS VALUE											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	36	42	(25)	*****	24	29	(17)	0	1/7	CP
00610 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	CR
RAW SEW/INFLUENT		MD AVG	MX WK AV	LBS/DY		MD AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	3	(25)	*****	1	2	(17)	0	1/7	CP
00610 1 1 0	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEKLY	CR
EFFLUENT GROSS VALUE											
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	6.6	6.6	(17)	0	1/7	CP
00665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT			WEEKLY	CR
EFFLUENT GROSS VALUE						MD 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			
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE	NUMBER	YEAR	MO

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

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

NAME MSU HUNTING CREEK SOUTH STP
ADDRESS C/O CEDAR CREEK STP
1405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY MSU HUNTING CREEK SOUTH STP
LOCATION PROSPECT KY 40057
ATTN: DEANIS THOMASSON, SR METRO OPS

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

KY0027114
PERMIT NUMBER

001 1
DISCHARGE NUMBER

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

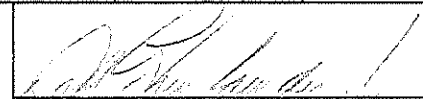
JEFF

Form Approved.
OMB No. 2040-0004

MONITORING PERIOD						
FROM			TO	YEAR		
YEAR	MO	DAY		YEAR	MO	DAY
07	06	21		07	06	20

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	6.166	6.127	(CS)	*****	*****	*****		0	1/17	CP
SC050 : 0 3	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	***		CONTINUOUS	
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	MGD				****		UDUS	
CHLORINE, TOTAL, RESIDUAL	SAMPLE MEASUREMENT	*****	*****		*****	50.016	50.016	(17)	0	1/17	CP
SC060 : 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	0.011	0.014			WEEKLY	PRD
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV	MG/L			
COLIFORM FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****		*****	1	1	(13)	0	1/17	CP
TA055 : 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	200	400	1		WEEKLY	PRD
EFFLUENT GROSS VALUE				****		30DA GED	7 DA GED	100ML			
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	182	253	(20)	*****	115	127	(17)	0	1/17	CP
SC082 : 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, ALBUMACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	5	6	(20)	*****	3	4	(17)	0	1/17	CP
SC082 : 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 REMVL	SAMPLE MEASUREMENT	*****	*****		97	*****	*****	(20)	0	1/30	CA
SC091 : 0 0	PERMIT REQUIREMENT	*****	*****	***	MO MIN	*****	*****	PER-CENT		ONCE / MONTH	CALCUL
PERCENT REMOVAL				****							
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****		96	*****	*****	(20)	0	1/30	CA
SI011 : 0 0	PERMIT REQUIREMENT	*****	*****	***	MO MIN	*****	*****	PER-CENT		ONCE / MONTH	CALCUL
PERCENT REMOVAL				****							

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		
EXEC. DIR H. J. Zikardin Jr. TYPED OR PRINTED			502 544 6000	07	17	19

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

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
6/1/2009	0.145						
6/2/2009	0.143						
6/3/2009	0.164	156	104	29	186.049	124.032	34.586
6/4/2009	0.185						
6/5/2009	0.152						
6/6/2009	0.15						
6/7/2009	0.174						
6/8/2009	0.206						
6/9/2009	0.203						
6/10/2009	0.254	144	125	25	243.795	211.628	42.326
6/11/2009	0.327						
6/12/2009	0.327						
6/13/2009	0.195						
6/14/2009	0.184						
6/15/2009	0.169						
6/16/2009	0.235						
6/17/2009	0.227	248	129	18	486.055	252.827	35.278
6/18/2009	0.627						
6/19/2009	0.236						
6/20/2009	0.181						
6/21/2009	0.178						
6/22/2009	0.204						
6/23/2009	0.164						
6/24/2009	0.144	94	102	22	128.569	139.512	30.091
6/25/2009	0.134						
6/26/2009	0.243						
6/27/2009	0.178						
6/28/2009	0.16						
6/29/2009	0.153						
6/30/2009	0.136						
Average	0.206	161	115	23.50	261.117	182.000	35.570
Maximum	0.627	248	129	29.00	486.1	252.83	42.326

Hunting Cr. So.

[illegible]

Average	0.206	16.75	3.25	1.06	1.00	24.63	5.00	1.59	0.58	90%	97%
Maximum	0.627	30.00	4.00	1.80	1.00	41.03	5.88	2.55	1.03		
Exceed.	4	0	0	0	0	0	0	0	0	1	0
DailyMX		0	0	0	0	0	0	0	0		
MoAVG		0	0	0	0	0	0	0	0		
Minimum	0.134 MIN DO(min)	MAX		0	0	0	0	0	0	0	0