



MSD

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

February 23, 2009

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

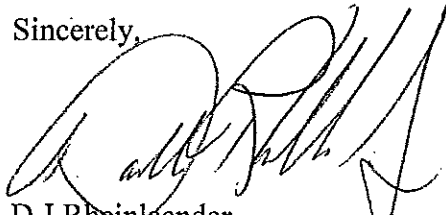
**Re: MSD Metro Operations
Hunting Creek South; KPDES No.: KY0029114
Discharge Monitoring Reports – January 2009.**

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 January 2009

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

Sincerely,



D.J. Rheinlaender
Process Supervisor, East Region

DJR/HCS 0109

Enclosures

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



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

NAME MSU HUNTING CREEK SOUTH STP

ADDRESS C/O CEDAR CREEK STP
 2405 CEDAR CREEK RD
 LOUISVILLE KY 40211

FACILITY MSU HUNTING CREEK SOUTH STP
 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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	01	01		07	01	31

MINOR (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** NO DISCHARGE ***
 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)	*****	*****			8.6	*****	*****	(19)		1/1	anal
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	*****	*****			6.3	*****	*****	(12)		1/1	anal
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	*****	BU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	*****	*****	(26)		*****	*****	*****	(19)		1/1	anal
00530 9 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	*****	*****	(26)		*****	*****	*****	(19)		1/1	anal
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	7 23	12 94	LBS/DY	*****	7 30	11 45	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	(26)		*****	*****	*****	(19)		1/1	anal
00610 9 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	*****	*****	(26)		*****	*****	*****	(19)		1/1	anal
00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	11	16	LBS/DY	*****	0.9 5	1.5 5	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	*****	*****			*****	*****	*****	(19)		3/21	anal
00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER 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

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

NAME MSD HUNTING CREEK SOUTH STP

ADDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY MSD HUNTING CREEK SOUTH STP

LOCATION PROSPECT

KY 40055

ATTN DENNIS THOMASSON, SR METRO OPS

WY0029114
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR (SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE EFFLUENT

*** NO DISCHARGE () ***

NOTE: Read Instructions before completing this form.

JEFF2

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
07	01	01	07	01	31

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	6.156	6.250	(03)	*****	*****	*****	*****	*****	1	1/1	1/1
80050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	*****	1	CONTINUOUS	CONTINUOUS
CHLORINE, TOTAL RESIDUAL	4.011	4.011	(19)	*****	4.011	4.011	(19)	*****	1	1/7	1/1
80060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	0.011	0.019	MG/L	*****	1	WEEKLY	GRAB
COLIFORM, FECAL GENERAL	1.0	1.0	(13)	*****	200	400	(13)	*****	1	1/7	1/1
74053 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	30DA GED	7 DA GED	100ML	*****	1	WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C	21.9	21.9	(26)	*****	17.9	17.9	(19)	*****	1	1/7	1/1
80052 3 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	MD AVG	MX WK AV	MG/L	*****	1	WEEKLY	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C	4	7	(26)	*****	4	7	(19)	*****	1	1/7	1/1
80062 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	21	31	LBS/DY	10	15	MG/L	*****	1	WEEKLY	COMPOS
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL	95%	95%	(25)	*****	95%	95%	(25)	*****	1	1/31	1/1
80091 4 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	85	85	PER-CENT	*****	1	MONTH	CALCUL
SOLIDS, SUSPENDED PERCENT REMOVAL	96%	96%	(25)	*****	96%	96%	(25)	*****	1	1/31	1/1
81011 4 0 0 PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	85	85	PER-CENT	*****	1	MONTH	CALCUL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER 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)

Hunting Creek South

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
1/1/2001	0.141						
1/2/2001	0.136						
1/3/2001	0.144						
1/4/2001	0.288						
1/5/2001	0.132	174	198	27	191.553	217.974	29.724
1/6/2001	0.159						
1/7/2001	0.184						
1/8/2001	0.151						
1/9/2001	0.135						
1/10/2001	0.233						
1/11/2001	0.207						
1/12/2001	0.167	308	192	29	428.976	267.414	40.391
1/13/2001	0.153						
1/14/2001	0.138						
1/15/2001	0.124						
1/16/2001	0.115						
1/17/2001	0.141						
1/18/2001	0.146						
1/19/2001	0.125						
1/20/2001	0.115	98	147	22	92.074	140.988	21.100
1/21/2001	0.117						
1/22/2001	0.121						
1/23/2001	0.117						
1/24/2001	0.127						
1/25/2001	0.128	170	177	23	181.478	188.951	24.553
1/26/2001	0.108						
1/27/2001	0						
1/28/2001	0.147						
1/29/2001	0.147						
1/30/2001	0.18						
1/31/2001							
Average	0.144	187	179	25.25	223.520	203.832	28.942
Maximum	0.288	308	198	29.00	429.0	267.41	40.391

Hunting Creek South

Hunting Cr. So.	Report for	Jan-01		Tot. Exc.= 0 (Influent data below.)						
Tot. Flow= Date	4.511 Flow	TSS	Concentrations		Fecal	Pounds				
			BOD	NH3		TSS	BOD	NH3	Tot. Phos.	TSS Rem
1/1/01	0.141									
1/2/01	0.136									
1/3/01	0.144									
1/4/01	0.288									
1/5/01	0.132	7	3	0.39	1	7.706	3.303	0.429	0.435	0.95977
1/6/01	0.159									
1/7/01	0.184									
1/8/01	0.151									
1/9/01	0.135									
1/10/01	0.233									
1/11/01	0.207									
1/12/01	0.167	2	3	0.73	1	2.786	4.178	1.017	0.469	0.993506
1/13/01	0.153									
1/14/01	0.138									
1/15/01	0.124									
1/16/01	0.115									
1/17/01	0.141									
1/18/01	0.146									
1/19/01	0.125									
1/20/01	0.115	8	3	0.9	1	7.673	2.877	0.863		0.916667
1/21/01	0.117									
1/22/01	0.121									
1/23/01	0.117									
1/24/01	0.127									
1/25/01	0.128	11	7	1.5	1	11.743	7.473	1.601	0.547	0.935294
1/26/01	0.108									
1/27/01										
1/28/01	0.147									
1/29/01	0.147									
1/30/01	0.18									
1/31/01	0.185									
Average	0.150	7.00	4.00	0.88	1.00	7.48	4.46	0.98	0.48	96%
Maximum	0.288	11.00	7.00	1.50	1.00	11.74	7.47	1.60	0.55	
Exceed.	1	0	0	0	0	0	0	0	0	0
DailyMX		0	0	0	0	0	0	0	0	
MoAVG		0	0	0	0	0	0	0	0	0
Minimum	0.108 MIN		MAX							
DO (min)										
pH										
TRC										
		Avg	Max							

Hunting Creek South

BOD Rem

0.984848

0.984375

0.979592

0.960452

98%

0

0