



MSD

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

March 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 – February 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 February 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 0209

Enclosures

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



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

NAME MSO HUNTING CREEK SOUTH STP
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY MSO HUNTING CREEK SOUTH STP
 LOCATION PROSPECT KY 40039
 ATTN: DENNIS THOMASSON, SN METRO OPS

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

WV0029114
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SUBR LV)

F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	02	01		07	02	28

*** 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) 00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		8.3	*****	*****	(19)		1/7	Comp
PH	*****	*****	*****		6.3	*****	*****	(12)		1/7	Comp
00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		6.0	*****	9.0	MINIMUM MAXIMUM		1/7	Comp
SOLIDS, TOTAL SUSPENDED 00520 0 0 0 RAW SEW/INFLUENT	*****	*****	*****	(26)	*****	*****	*****	(19)		1/7	Comp
00530 0 0 0 EFFLUENT GROSS VALUE	*****	*****	*****		*****	*****	*****	(19)		1/7	Comp
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	*****	*****	*****	(26)	*****	*****	*****	(19)		1/7	Comp
00610 1 2 0 EFFLUENT GROSS VALUE	*****	*****	*****		*****	*****	*****	(19)		1/7	Comp
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	(26)	*****	*****	*****	(19)		1/7	Comp

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)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME MSO HUNTING CREEK SOUTH STP
 ADDRESS C/O CEDAR CREEK STP
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY MSO 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	YEAR	MO	DAY
07	02	01	07	02	28

MINOR (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE EFFLUENT
 *** 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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	0.194	0.427	(03)	*****	*****	*****					
30080 0 0 0	PERMIT REPORT	REPORT		*****	*****	*****	****				
EFFLUENT GROSS VALUE	30DA AVG	DAILY MX	MGD	*****	*****	*****	****				
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	50.010	10.010	(19)				
30080 1 0 0	PERMIT REPORT	*****	****	*****	0.011	0.017					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	****	*****	MO AVG	MX WK AV	MG/L				
COLIFORM, FECAL GENERAL	*****	*****		*****	1	1	(13)				
74055 1 0 0	PERMIT REPORT	*****	****	*****	200	400	#/				
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	****	*****	30DA GEO	7 DA GEO	100ML				
BOD, CARBONACEOUS 05 DAY, 20C	189	249	(26)	*****	181	196	(19)				
50082 0 0 0	PERMIT REPORT	REPORT		*****	REPORT	REPORT					
RAW SEW/INFLUENT	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	MG/L				
BOD, CARBONACEOUS 05 DAY, 20C	6	11	(26)	*****	3	4	(19)				
50082 1 0 0	PERMIT REPORT	21	31	*****	10	15					
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	MO AVG	MX WK AV	LBS/DY	MO AVG	MX WK AV	MG/L				
BOD, CARBONACEOUS 05 DAY, 20C	*****	*****		*****	*****	*****	(23)				
50091 0 0 0	PERMIT REPORT	*****	****	*****	97%	*****					
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	****	*****	85	*****	PER-				
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		*****	95%	*****	(23)				
51011 0 0 0	PERMIT REPORT	*****	****	*****	85	*****	PER-				
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	****	*****	MO MIN	*****	CENT				

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	
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR

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

Hunting Creek South

Hunting Cr. So.	Report for	Feb-09		Tot. Exc.=		0 (Influent data below.)				
Tot. Flow=	5.436	Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem
2/1/09	0.234									
2/2/09	0.245									
2/3/09	0.198									
2/4/09	0.167									
2/5/09	0.138								1.130	
2/6/09	0.147	8	4	0.56	1	9.808	4.904	0.687		0.963303
2/7/09	0.28									
2/8/09	0.253									
2/9/09	0.196									
2/10/09	0.114									
2/11/09	0.427	12	3	0.5	1	42.734	10.684	1.781	0.497	0.846154
2/12/09	0.29									
2/13/09	0.216									
2/14/09	0.194									
2/15/09	0.177									
2/16/09	0.157									
2/17/09	0.147									
2/18/09	0.166	7	3	1.7	1	9.691	4.153	2.354	0.327	0.916667
2/19/09	0.147									
2/20/09	0.129									
2/21/09	0.153									
2/22/09	0.15									
2/23/09	0.13									
2/24/09	0.129									
2/25/09	0.134	2	3	0.5	1	2.235	3.353	0.559	0.445	0.990991
2/26/09	0.16									
2/27/09	0.318									
2/28/09	0.24									
3/1/09										
3/2/09										
3/3/09										
Average	0.194	7.25	3.25	0.82	1.00	16.12	5.77	1.34	0.60	95%
Maximum	0.427	12.00	4.00	1.70	1.00	42.73	10.68	2.35	1.13	
Exceed.	5	0	0	0	0	0	0	0	0	1
DailyMX		0	0	0	0	0	0	0	0	
MoAVG		0	0	0	0	0	0	0	0	0
Minimum	0.114 MIN		MAX							
DO (min)										
pH										
TRC										
		Avg	Max							

Hunting Creek South

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
2/1/2009	0.234						
2/2/2009	0.245						
2/3/2009	0.198						
2/4/2009	0.167						
2/5/2009	0.138						
2/6/2009	0.147	218	186	25	267.264	228.032	30.650
2/7/2009	0.28						
2/8/2009	0.253						
2/9/2009	0.196						
2/10/2009	0.114						
2/11/2009	0.427	78	70	7.1	277.772	249.283	25.284
2/12/2009	0.29						
2/13/2009	0.216						
2/14/2009	0.194						
2/15/2009	0.177						
2/16/2009	0.157						
2/17/2009	0.147						
2/18/2009	0.166	84	90	25	116.293	124.600	34.611
2/19/2009	0.147						
2/20/2009	0.129						
2/21/2009	0.153						
2/22/2009	0.15						
2/23/2009	0.13						
2/24/2009	0.129						
2/25/2009	0.134	222	139	27	248.098	155.341	30.174
2/26/2009	0.18						
2/27/2009	0.318						
2/28/2009	0.24						
3/1/2009	0						
3/2/2009	0						
3/3/2009							
Average	0.181	151	121	21.03	227.357	189.314	30.180
Maximum	0.427	222	186	27.00	277.8	249.28	34.611

Hunting Creek South

BOD Rem

0.978495

0.957143

0.966667

0.978417

97%

0

0