



**MSD**

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

April 22, 2009

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

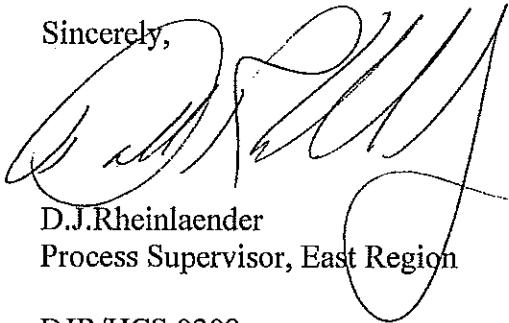
**Re: MSD Metro Operations  
Hunting Creek South; KPDES No.: KY0029114  
Discharge Monitoring Reports – March 2009.**

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 March 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 0309

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 RSD HUNTING CREEK SOUTH STP  
 ADDRESS C/O CEDAR CREEK STP  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY RSD HUNTING CREEK SOUTH STP  
 LOCATION PROSPECT KY 40057  
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029114  
 PERMIT NUMBER  
 001 1  
 DISCHARGE NUMBER

MINOR  
 (SUBR LV)  
 F - FINAL  
 MUNICIPAL DISCHARGE  
 EFFLUENT  
 \*\*\* NO DISCHARGE [ ] \*\*\*  
 NOTE: Read Instructions before completing this form.

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
09	03	01	09	03	31

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	*****	*****	*****	*****	8.1	*****	*****	( 19 )	0	1/7	Grab
PERMIT REQUIREMENT	*****	*****	*****	*****	7	*****	*****	MG/L		WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	6.3	*****	6.4	( 12 )	0	1/7	Grab
PERMIT REQUIREMENT	*****	*****	*****	*****	6.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00500 6 0 0 RAW SEW/INFLUENT	163.0	811	( 26 )	*****	139	176	( 19 )	0	1/7	Comp	
PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS	
SOLIDS, TOTAL SUSPENDED 00500 1 0 0 EFFLUENT GROSS VALUE	13.4	30	( 26 )	*****	11	19	( 19 )	0	1/7	Comp	
PERMIT REQUIREMENT	53	94	LBS/DY	*****	30	45	MG/L		WEEKLY	COMPOS	
NITROGEN, AMMONIA TOTAL (AS N) 00610 6 0 0 RAW SEW/INFLUENT	33.0	51.0	( 26 )	*****	28.3	47.0	( 19 )	0	1/7	Comp	
PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	0.06	0.17	( 26 )	*****	0.06	0.06	( 19 )	0	1/7	Comp	
PERMIT REQUIREMENT	11	15	LBS/DY	*****	5	7.5	MG/L		WEEKLY	COMPOS	
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.44	0.54	( 19 )	0	2/21	Comp	
PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT	REPORT	MG/L		WEEKLY	COMPOS	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 Exec. Dir  
 H. J. [Signature]  
 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]  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 DATE  
 AREA CODE NUMBER YEAR MO DAY  
 404 546 6000 09 09 21

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

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

NAME MBD HUNTING CREEK SOUTH STP

ADDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY MBD HUNTING CREEK SOUTH STP

LOCATION PROSPECT

KY 40059

ATTN: DENNIS THUMASSON, SR METRO OPS

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

KY0029114  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR (SUDBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

\*\*\* NO DISCHARGE [ ] \*\*\*

NOTE: Read instructions before completing this form.

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	03	01		07	03	01

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	0.150	0.211	( 03 )	*****	*****	*****					
50050 I O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX MGD	*****	*****	*****	****			CONTINCENTIN	
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	*****	*****	( 19 )				
50060 A O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	NO AVG	MX WK AV	*****	0.011	0.019	MG/L			WEEKLY GRAB	
COLIFORM, FECAL GENERAL	*****	*****		*****	*****	*****	( 10 )				
74055 I O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA GED	7 DA GED	*****	200	400	#/100ML			WEEKLY GRAB	
BOD, CARBONACEOUS 05 DAY, 20C	154.3	190	( 26 )	*****	*****	*****	( 19 )				
80062 G O O RAW SEW/INFLUENT	PERMIT REQUIREMENT	NO AVG	MX WK AV	*****	REPORT	REPORT	MG/L			WEEKLY COMPOS	
BOD, CARBONACEOUS 05 DAY, 20C	5	7	( 26 )	*****	*****	*****	( 19 )				
80062 I O O EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	21	31	*****	10	15	MG/L			WEEKLY COMPOS	
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	*****	*****		*****	*****	*****	( 23 )				
80091 K O O PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	BE	*****	PERCENT			MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		*****	*****	*****	( 23 )				
81011 K O O PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	*****	BE	*****	PERCENT			MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
*Gen. Dir*  
*H. J. Simons 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  
*[Signature]*

TELEPHONE NUMBER  
 502-584-1006  
 DATE  
 09 14 21

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

Hunting Creek South

Hunting Cr. So.	Report for	Mar-09		Tot. Exc.=		0 (Influent data below.)				
Tot. Flow= Date	Flow	TSS	Concentrations		Fecal	TSS	Pounds			TSS Rem
			BOD	NH3			BOD	NH3	Tot. Phos.	
3/1/09	0.194									
3/2/09	0.167									
3/3/09	0.155									
3/4/09	0.149	2	3	0.055	1	2.485	3.728	0.068	0.422	0.984848
3/5/09	0.158									
3/6/09	0.146									
3/7/09	0.152									
3/8/09	0.164									
3/9/09	0.13									
3/10/09	0.134									
3/11/09	0.16	12	3	0.055	1	16.013	4.003	0.073	0.383	0.924051
3/12/09	0.142									
3/13/09	0.13									
3/14/09	0.151									
3/15/09	0.149									
3/16/09	0.133									
3/17/09	0.115									
3/18/09	0.123	29	4	0.055	3	29.749	4.103	0.056	0.543	0.835227
3/19/09	0.146									
3/20/09	0.143									
3/21/09	0.141									
3/22/09	0.142									
3/23/09	0.134									
3/24/09	0.13	5	6	0.055	1	5.421	6.505	0.060	0.398	0.943182
3/25/09	0.193									
3/26/09	0.211									
3/27/09	0.173									
3/28/09	0.181									
3/29/09	0.203									
3/30/09	0.063									
3/31/09	0.145									
Average	0.150	12.00	4.00	0.06	1.32	13.42	4.58	0.06	0.44	91%
Maximum	0.211	29.00	6.00	0.06	3.00	29.75	6.51	0.07	0.54	
Exceed.	0	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	0.063	MIN	MAX							
DO (min)										
pH										
TRC										
		Avg	Max							

Hunting Creek South

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
3/1/2009	0.194						
3/2/2009	0.167						
3/3/2009	0.155						
3/4/2009	0.149	132	85	25	164.031	105.626	31.067
3/5/2009	0.158						
3/6/2009	0.146						
3/7/2009	0.152						
3/8/2009	0.164						
3/9/2009	0.13						
3/10/2009	0.134						
3/11/2009	0.16	158	129	24	210.835	172.138	32.026
3/12/2009	0.142						
3/13/2009	0.13						
3/14/2009	0.151						
3/15/2009	0.149						
3/16/2009	0.133						
3/17/2009	0.115						
3/18/2009	0.123	176	146	17	180.544	149.770	17.439
3/19/2009	0.146						
3/20/2009	0.143						
3/21/2009	0.141						
3/22/2009	0.142						
3/23/2009	0.134						
3/24/2009	0.13	88	175	47	95.410	189.735	50.957
3/25/2009	0.193						
3/26/2009	0.211						
3/27/2009	0.173						
3/28/2009	0.181						
3/29/2009	0.203						
3/30/2009	0.063						
3/31/2009							
Average	0.150	139	134	28.25	162.705	154.317	32.872
Maximum	0.211	176	175	47.00	210.8	189.74	50.957

Hunting Creek South

BOD Rem

0.964706

0.976744

0.972603

0.965714

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97%

0

0