



MSD

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

December 22, 2008

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 – November 2008.**

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 November 2008.

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

Sincerely,

John Kessel
Process Supervisor, East Region

JMK/HCS 1108

Enclosures

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



*Beneficial Use of Louisville's Biosolids
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT

JEFF

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

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

NAME MSD HUNTING CREEK SOUTH STP

ADDRESS 0/0 CEDAR CREEK STP

8408 CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY MSD HUNTING CREEK SOUTH STP

LOCATION PROSPECT

KY 40059

ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029114

PERMIT NUMBER

001 1

DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	00	11	01		00	11	00

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	*****	*****		8.0	*****	*****	(17)	0	1/2	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	00400 1 0 0	*****	*****		6.3	*****	6.3	(12)	0	1/2	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	00520 0 0 0	284.0	404.0	(26)	*****	185.0	273	(19)	0	1/2	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
SOLIDS, TOTAL SUSPENDED	00520 1 0 0	16.0	15.0	(26)	*****	10.0	10.0	(19)	0	1/2	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	63 MD AVG	84 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	00610 0 0 0	31.0	41.0	(26)	*****	32.0	42.0	(19)	0	1/2	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 2 0	1.0	2.0	(26)	*****	1.0	2.0	(17)	0	1/2	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	11 MD AVG	16 MX WK AV	LBS/DY	*****	5 MD AVG	7.5 MX WK AV	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	00665 1 0 0	*****	*****		*****	1.0	1.0	(17)	0	2/30	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WICE/MONTH	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Exec Dir
H.J. Schabert, 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

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 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 40059

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 1 1 ***

NOTE: Read Instructions before completing this form.

JEFFE

MONITORING PERIOD					
YEAR	MO	DAY	YEAR	MO	DAY
00	11	01	00	11	00

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	0.127	0.243	(03)	*****	*****	*****		0	Cont. Cont.		
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****	CONTIN. CONTIN.		
EFFLUENT GROSS VALUE	30DA AVG	DAILY MX	MGD					****	UDUS		
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	<0.00	<0.00	(19)	0	1/2 Grab		
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019		WEEKLY GRAB		
EFFLUENT GROSS VALUE	MD AVG	MX WK AV	MG/L								
COLIFORM, FECAL GENERAL	*****	*****		*****	1.0	1.0	(13)	0	1/2 Grab		
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/	WEEKLY GRAB		
EFFLUENT GROSS VALUE	30DA GEG	7 DA GEG	100ML								
BOD, CARBONACEOUS 05 DAY, 20C	175.0	266.0	(26)	*****	185.0	273.0	(19)	0	1/2 Comp		
50082 2 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT		WEEKLY COMPLE		
RAW SEW/INFLUENT	MD AVG	MX WK AV	LBS/DY								
BOD, CARBONACEOUS 05 DAY, 20C	4.0	7.0	(26)	*****	4.0	6.0	(19)	0	1/20 Comp		
50062 1 0 0	PERMIT REQUIREMENT	21	31	****	*****	10	15		WEEKLY COMPLE		
EFFLUENT GROSS VALUE	MD AVG	MX WK AV	LBS/DY								
BOD, CARB-5 DAY, 20 DEG C. PERCENT REMVL	*****	*****		*****	98.0%	*****	*****	(25)	0	1/20 C.I	
50091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-	ONCE/ CALCD		
PERCENT REMOVAL	MD MIN							CENT	MONTH		
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		*****	96.0%	*****	*****	(25)	0	1/20 C.I	
51011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****	PER-	ONCE/ CALCD		
PERCENT REMOVAL	MD MIN							CENT	MONTH		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Dennis Thomasson, Sr.
H.S. Schaefer, 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

TELEPHONE
502 510-0460
DATE
08 12 22
AREA CODE NUMBER YEAR MO DAY

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

Hunting Creek South

Hunting Cr. So.	Report for	Nov-08		Tot. Exc.=		0 (Influent data below.)			
Tot. Flow=	3.8	Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
11/1/08	0.118								
11/2/08	0.119								
11/3/08	0.107								
11/4/08	0.105								
11/5/08	0.079	9	3	0.45	1	5.930	1.977	0.296	0.498
11/6/08	0.091								
11/7/08	0.104								
11/8/08	0.108								
11/9/08	0.122								
11/10/08	0.099								
11/11/08	0.112								
11/12/08	0.117	10	3	0.62	1	9.758	2.927	0.605	1.100
11/13/08	0.15								
11/14/08	0.167								
11/15/08	0.243								
11/16/08	0.179								
11/17/08	0.113								
11/18/08	0.104								
11/19/08	0.116	10	3	1.7	1	9.674	2.902	1.645	0.549
11/20/08	0.112								
11/21/08	0.096								
11/22/08	0.119								
11/23/08	0.116								
11/24/08	0.169								
11/25/08	0.149	12	6	0.45	1	14.912	7.456	0.559	0.321
11/26/08	0.128								
11/27/08	0.147								
11/28/08	0.135								
11/29/08	0.13								
11/30/08	0.146								
12/1/08									
Average	0.127	10.25	3.75	0.81	1.00	10.07	3.82	0.78	0.62
Maximum	0.243	12.00	6.00	1.70	1.00	14.91	7.46	1.64	1.10
Exceed.	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
Minimum	0.079	MIN	MAX						
DO (min)									
pH									
TRC									
		Avg	Max						

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
11/1/2008	0.118						
11/2/2008	0.119						
11/3/2008	0.107						
11/4/2008	0.105						
11/5/2008	0.079	134	167	30	88.287	110.030	19.766
11/6/2008	0.091						
11/7/2008	0.104						
11/8/2008	0.108						
11/9/2008	0.122						
11/10/2008	0.099						
11/11/2008	0.112						
11/12/2008	0.117	388	273	29	378.603	266.388	28.298
11/13/2008	0.15						
11/14/2008	0.167						
11/15/2008	0.243						
11/16/2008	0.179						
11/17/2008	0.113						
11/18/2008	0.104						
11/19/2008	0.116	438	172	43	423.739	166.400	41.600
11/20/2008	0.112						
11/21/2008	0.096						
11/22/2008	0.119						
11/23/2008	0.116						
11/24/2008	0.169						
11/25/2008	0.149	198	128	27	246.047	159.060	33.552
11/26/2008	0.128						
11/27/2008	0.147						
11/28/2008	0.135						
11/29/2008	0.13						
11/30/2008	0.146						
12/1/2008							
Average	0.127	290	185	32.25	284.169	175.469	30.804
Maximum	0.243	438	273	43.00	423.7	266.39	41.600

Hunting Creek South

TSS Rem BOD Rem

0.932836 0.982036

0.974227 0.989011

0.977169 0.982558

0.939394 0.953125

<hr/> <hr/>	
96%	98%
0	0
0	0