



MSD

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

November 21, 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 – October 2008.**

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) for the Hunting Creek South WTP, KPDES No.: KY0029114 for the month of October 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 1008

Enclosures

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



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

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

KY0029114
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MINOR

(SUBR LV)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE 1/11/04 ***

NOTE: Read Instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
03	10	01		03	10	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	*****	*****		7.1	*****	*****	(19)	0	1/7	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****			WEEKLY	GRAB
PH	00400 1 0 0	*****	*****		6.2	*****	6.4	(12)	0	1/7	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	00530 0 0 0	220.0	254.0	(26)	*****	216.0	254.0	(19)	0	1/7	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	00530 1 0 0	11.0	17.0	(26)	*****	11.0	15.0	(19)	0	1/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	63 MD AVG	94 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	35.0	(26)	*****	30.0	36.0	(19)	0	1/7	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 1 0	0.20	0.40	(26)	*****	0.19	0.39	(19)	0	1/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	4 MD AVG	6 MX WK AV	LBS/DY	*****	2 MD AVG	3 MX WK AV	MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	00665 1 0 0	*****	*****		*****	2.0	3.0	(19)	0	2/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		TWICE/MONTH	COMPOS

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			
Exec Dir H J Schalko Jr TYPED OR PRINTED			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR

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

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

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

KY0029114
PERMIT NUMBER

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(SUBR LV)
F - FINAL

MUNICIPAL DISCHARGE
EFFLUENT

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	10	01		08	10	31


*** 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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0		0.126	0.181	(03)	*****	*****	*****		0	1/2	1/2
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****		CONTINUOUS	CONTINUOUS
CHLORINE, TOTAL RESIDUAL 50060 1 0 0		*****	*****		*****	<0.010	<0.010	(19)	0	1/3	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.019			WEEKLY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0		*****	*****		*****	1.0	1.0	(13)	0	1/3	Grab
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	200	400 #/			WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 0 0 0		150.0	161.0	(26)	*****	147.0	162.0	(19)	0	1/7	Comp
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT			WEEKLY	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0		4.0	5.0	(26)	*****	4.0	5.0	(19)	0	1/7	Comp
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	21	31		*****	10	15			WEEKLY	COMPOS
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0		*****	*****		92.0%	*****	*****	(23)	0	1/31	Cal
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****			ONCE/MONTH	CALC'D
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0		*****	*****		95.0%	*****	*****	(23)	0	1/31	Cal
PERCENT REMOVAL	PERMIT REQUIREMENT	*****	*****	****	85	*****	*****			ONCE/MONTH	CALC'D

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
Exec Dir
H.J. 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: 502 546-6000
DATE: 08 11 25
AREA CODE: 502 NUMBER: 546-6000 YEAR: 08 MO: 11 DAY: 25

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

Hunting Creek South

Hunting Cr. So.	Report for	Oct-08			Tot. Exc.=	0 (Influent data below.)			
Tot. Flow=	3.912	Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
10/1/08	0.12								
10/2/08	0.112								
10/3/08	0.115								
10/4/08	0.121								
10/5/08	0.122								
10/6/08	0.119	13	5	0.11	1	12.902	4.962	0.109	3.040
10/7/08	0.116								
10/8/08	0.164								
10/9/08	0.134								
10/10/08	0.127								
10/11/08	0.125								
10/12/08	0.127								
10/13/08	0.118	13	3	0.055	1	12.794	2.952	0.054	3.110
10/14/08	0.115								
10/15/08	0.118								
10/16/08	0.127								
10/17/08	0.12								
10/18/08	0.13								
10/19/08	0.136								
10/20/08	0.12	3	5	0.39	1	3.002	5.004	0.390	1.210
10/21/08	0.112								
10/22/08	0.117								
10/23/08	0.11								
10/24/08	0.181								
10/25/08	0.145								
10/26/08	0.136								
10/27/08	0.136	15	4	0.22	1	17.014	4.537	0.250	0.708
10/28/08	0.119								
10/29/08	0.116								
10/30/08	0.122								
10/31/08	0.132								
Average	0.126	11.00	4.25	0.19	1.00	11.43	4.36	0.20	2.02
Maximum	0.181	15.00	5.00	0.39	1.00	17.01	5.00	0.39	3.11
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	0.11	MIN	MAX						
	DO (min)								
	pH								
	TRC								
		Avg	Max						

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
10/1/2008	0.12						
10/2/2008	0.112						
10/3/2008	0.115						
10/4/2008	0.121						
10/5/2008	0.122						
10/6/2008	0.119	188	162	27	186.582	160.779	26.796
10/7/2008	0.116						
10/8/2008	0.164						
10/9/2008	0.134						
10/10/2008	0.127						
10/11/2008	0.125						
10/12/2008	0.127						
10/13/2008	0.118	250	152	36	246.030	149.586	35.428
10/14/2008	0.115						
10/15/2008	0.118						
10/16/2008	0.127						
10/17/2008	0.12						
10/18/2008	0.13						
10/19/2008	0.136						
10/20/2008	0.12	254	156	28	254.203	156.125	28.022
10/21/2008	0.112						
10/22/2008	0.117						
10/23/2008	0.11						
10/24/2008	0.181						
10/25/2008	0.145						
10/26/2008	0.136						
10/27/2008	0.136	170	118	30	192.821	133.840	34.027
10/28/2008	0.119						
10/29/2008	0.116						
10/30/2008	0.122						
10/31/2008	0.132						
Average	0.126	216	147	30.25	219.909	150.082	31.069
Maximum	0.181	254	162	36.00	254.2	160.78	35.428

Hunting Creek South

TSS Rem BOD Rem

0.930851 0.969136

0.948 0.980263

0.988189 0.967949

0.911765 0.966102

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95%	97%
0	0
0	0