MSD
Metropolitan Sewer District

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

September 15, 2009

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

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

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC, KPDES No.: KY0029114 for the month of August 2009.

Also Included are the Overflow Reports.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

D.J.Rheinlaender
Process Supervisor, East Region

DJR/HCS 0809

Enclosures

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

Form Approved.
OMB No. 2040-0004

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

NAME HUNTING CREEK S WQTC MSD

ADDRESS C/O CEDAR CREEK WQTC
9405 CEDAR CREEK RD
LOUISVILLE KY 40211

FACILITY LOCATION HUNTING CREEK S WQTC MSD
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

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE [ ] ***

JEFFE

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	08	01	TO	09	08	31

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	******	******		8	******	******	(19)	0	1/7	GR
00300 1 C 0	PERMIT REQUIREMENT	******	******	***	7	******	******	MG/L		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	INST MIN						
PH	SAMPLE MEASUREMENT	******	******		6.2	******	6.5	(12)	0	1/7	GR
00400 1 C 0	PERMIT REQUIREMENT	******	******	***	6.0	******	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	177	325	(26)	******	144	196	(19)	0	1/7	CP
00530 2 C 0	PERMIT REQUIREMENT	REPORT	REPORT		******	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	29	68	(26)	******	11	18	(19)	0	1/7	CP
00530 3 C 0	PERMIT REQUIREMENT	63	94		******	30	45			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	32	44	(26)	******	17	23	(19)	0	1/7	CP
00610 6 C 0	PERMIT REQUIREMENT	REPORT	REPORT		******	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	3	(26)	******	0.8	1	(19)	0	1/7	CP
00610 1 1 0	PERMIT REQUIREMENT	4	6		******	2	3			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	******	******		******	0.36	0.59	(19)	0	1/7	CP
00665 1 C 0	PERMIT REQUIREMENT	******	******	***	******	REPORT	REPORT			WICE/	COMPOS
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Asst Dir H J Thirdgill 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	AREA CODE 502	NUMBER 5116000	YEAR 09	MO 09	DAY 15

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

PERMITTEE NAME/ADDRESS (*Include Facility Name/Location if Different*)
NAME HUNTING CREEK S WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
9405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HUNTING CREEK S WQTC MSD
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

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

Form Approved.
OMB No. 2040-0004

KY0029114	001 1
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
MUNICIPAL DISCHARGE
EFFLUENT
*** NO DISCHARGE [ ] ***

JEFFE

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	07	08	01	TO	07	08	31

NOTE: Read Instructions before completing this form.

PARAMETER		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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.226	0.549	(03)	******	******	******		0	C/N	C/N
	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT DAILY MX	MGD	******	******	******	**** ****		CONTINUOUS	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	<0.010	<0.010	(19)	0	1/7	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	0.011 MO AVG	0.019 MX WK AV	MG/L		WEEKLY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******		******	1	1	(13)	0	1/7	GR
	PERMIT REQUIREMENT	******	******	**** ****	******	200 30DA GED	400 */ 7 DA GED	100ML		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 3 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	216	261	(26)	******	117	162	(19)	0	1/7	CP
	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	******	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	7	11	(26)	******	3	3	(19)	0	1/7	CP
	PERMIT REQUIREMENT	21 MO AVG	31 MX WK AV	LBS/DY	******	10 MO AVG	15 MX WK AV	MG/L		WEEKLY	COMPOS
BOD, CARB-H DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	******	******		97	******	******	(23)	0	1/31	CA
	PERMIT REQUIREMENT	******	******	**** ****	85 MO MIN	******	******	PER-CENT		SINCE LAST MONTH	CALCD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENT REMOVAL	SAMPLE MEASUREMENT	******	******		92	******	******	(23)	0	1/31	CA
	PERMIT REQUIREMENT	******	******	**** ****	85 MO MIN	******	******	PER-CENT		SINCE LAST MONTH	CALCD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

EXEC DIR

H. J. Shardein 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
502	564-3410	07	09	15

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

Hunting Creek South

INFLUENT

		Concentration			Pounds		
Date	Flow	TSS	BOD	NH3	TSS	BOD	NH3
8/1/2009	0.549						
8/2/2009	0.27						
8/3/2009	0.215						
8/4/2009	0.513						
8/5/2009	0.45	82	51	7.2	307.746	191.403	27.022
8/6/2009	0.306						
8/7/2009	0.242						
8/8/2009	0.234						
8/9/2009	0.226						
8/10/2009	0.281						
8/11/2009	0.389						
8/12/2009	0.295	132	106	18	324.760	260.792	44.285
8/13/2009	0.196						
8/14/2009	0.176						
8/15/2009	0.176						
8/16/2009	0.171						
8/17/2009	0.163						
8/18/2009	0.159						
8/19/2009	0.158	164	149	19	216.106	196.340	25.037
8/20/2009	0.105						
8/21/2009	0.15						
8/22/2009	0.153						
8/23/2009	0.149						
8/24/2009	0.154						
8/25/2009	0.145						
8/26/2009	0.158	196	162	23	258.273	213.471	30.308
8/27/2009	0.149						
8/28/2009	0.189						
8/29/2009	0.183						
8/30/2009	0.176						
8/31/2009	0.129						
Average	0.226	144	117	16.80	276.721	215.501	31.663
Maximum	0.549	196	162	23.00	324.8	260.79	44.285

Hunting Creek South

Hunting Cr. So.		Report for	**Aug-09**		Tot. Exc.=	0	(Influent data below.)				
Tot. Flow=	7.009		Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
8/1/09	0.549										
8/2/09	0.27										
8/3/09	0.215										
8/4/09	0.513										
8/5/09	0.45	18	3	0.67	1	67.554	11.259	2.515	0.267	0.780488	0.941176
8/6/09	0.306										
8/7/09	0.242										
8/8/09	0.234										
8/9/09	0.226										
8/10/09	0.281										
8/11/09	0.389										
8/12/09	0.295	11	3	1	1	27.063	7.381	2.460	0.247	0.916667	0.971698
8/13/09	0.196										
8/14/09	0.176										
8/15/09	0.176										
8/16/09	0.171										
8/17/09	0.163										
8/18/09	0.159										
8/19/09	0.158	6	3	0.45	1	7.906	3.953	0.593	0.588	0.963415	0.979866
8/20/09	0.105										
8/21/09	0.15										
8/22/09	0.153										
8/23/09	0.149										
8/24/09	0.154										
8/25/09	0.145										
8/26/09	0.158	9	3	0.95	1	11.859	3.953	1.252	0.354	0.954082	0.981481
8/27/09	0.149										
8/28/09	0.189										
8/29/09	0.183										
8/30/09	0.176										
8/31/09	0.129										
Average	0.226	11.00	3.00	0.77	1.00	28.60	6.64	1.70	0.36	92%	97%
Maximum	0.549	18.00	3.00	1.00	1.00	67.55	11.26	2.51	0.59		
Exceed.	8	0	0	0	0	0	0	0	0	1	0
DailyMX		0	0	0	0	0	0	0	0		
MoAVG		0	0	0	0	0	0	0	0	0	0
Minimum	0.105 MIN	MAX									
	DO (min)										

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV, DISSUS

KPDES #	Facility ID	Water Quality Treatement Center	Receiving Stream of Treatment Center	Region
KY0029114	MSD0292	HUNTING CREEK SOUTH	HARRODS CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1063-PS	6210 DEEP CREEK CT	DEEP CREEK	HARRODS CREEK	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	938494	08/04/09 12:00 PM	ELDER	RHEINLAENDER JR	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	08/04/09 01:15 PM	

Spot Inspections:

Discharge Amount:	5,625 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE & PERSONAL HYGIENE PRODUCTS OBSERVED
Repair:	THIS SITE FOUND DURING RAIN EVENT RECON- WILL BE MONITORED & EVALUATED FOR REPAIR.

Notifications:

08/04/09 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
08/04/09 12:00 PM	DISPUB	TEMPORARY SIGNS POSTED
08/04/09 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 107
Total Work Orders Printed: 110