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

November 17, 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 – October 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 October 2009.

There is no exceedences or bypass reports for this month.
Included is a Overflow Report.

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 1009

Enclosures

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME HUNTING CREEK S WWTC MSD
ADDRESS C/O CEDAR CREEK WWTC
8400 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HUNTING CREEK S WWTC MSD
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0022713	001
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	09	10	01	TO	09	10	31

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

Form Approved.
OMB No. 2040-0004

JEFFE

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*******	*******		8	*******	*******	(19)	0	1/7	GR
00300 1 0 0	PERMIT REQUIREMENT	*******	*******	****	INST MIN	*******	*******	MG/L		WEEKLY	GRAB
PH	SAMPLE MEASUREMENT	*******	*******		6.3	*******	6.6	(12)	0	1/7	GR
00400 1 0 0	PERMIT REQUIREMENT	*******	*******	****	6.0 MINIMUM	*******	7.0 MAXIMUM	SU		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	304	454	(25)	*******	302	382	(19)	0	1/7	CP
00530 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*******	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	38	43	(25)	*******	25	31	(17)	0	1/7	CP
00530 1 0 0	PERMIT REQUIREMENT	83 MO AVG	94 MX WK AV	LBS/DY	*******	30 MO AVG	45 MX WK AV	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	23	25	(25)	*******	15	18	(19)	0	1/7	CP
00610 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY	*******	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	COMPOS
RAW SEW/INFLUENT											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	1	3	(25)	*******	0.9	2	(19)	0	1/7	CP
00610 1 1 0	PERMIT REQUIREMENT	3 MO AVG	5 MX WK AV	LBS/DY	*******	2 MO AVG	3 MX WK AV	MG/L		WEEKLY	COMPOS
EFFLUENT GROSS VALUE											
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*******	*******		*******	0.42	0.53	(17)	0	1/7	CP
00665 1 0 0	PERMIT REQUIREMENT	*******	*******	****	*******	REPORT MO AVG	REPORT MX WK AV	MG/L		1/MONTH	COMPOS
EFFLUENT GROSS VALUE											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Exec Dir H O Sebastian 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 574-1111	YEAR 09	MO 11	DAY 17

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

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if Different)*
NAME HUNTING CREEK & WGTC MSD
ADDRESS C/O CEDAR CREEK WGTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY HUNTING CREEK & WGTC MSD
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO DPS

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

KY0024114 — PERMIT NUMBER
001 E — DISCHARGE NUMBER

MONITORING PERIOD
FROM YEAR 17 MO 10 DAY 23 TO YEAR 17 MO 10 DAY 29

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

Form Approved.
OMB No. 2040-0004

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PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT (50050 1 0 0 EFFLUENT GROSS VALUE)	SAMPLE MEASUREMENT	0.237	0.500	(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 GEO	400 7 DA GEO	#/ 100ML		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C (80082 0 0 0 RAW SEW/INFLUENT)	SAMPLE MEASUREMENT	215	274	(26)	*******	137	195	(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	8	16	(26)	*******	5	11	(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-5 DAY, 20 DEG C, PERCENT REMVL (80091 1 0 0 PERCENT REMOVAL)	SAMPLE MEASUREMENT	*******	*******		96	*******	*******	(23)	0	11/31	CA
	PERMIT REQUIREMENT	*******	******* **** ****		85 MO MIN	*******	*******	PER-CENT		SINCE/ MONTH	CALCU
SOLIDS, SUSPENDED PERCENT REMOVAL (81011 1 0 0 PERCENT REMOVAL)	SAMPLE MEASUREMENT	*******	*******		88	*******	*******	(23)	0	11/31	CA
	PERMIT REQUIREMENT	*******	******* **** ****		85 MO MIN	*******	*******	PER-CENT		SINCE/ MONTH	CALCU

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
Exec. Dir. H. O. Richardson, Jr.	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 540 6000	YEAR 09	MO 11	DAY 17
TYPED OR PRINTED							

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

Hunting Creek South

Hunting Cr. So.		Report for	**Oct-09**		Tot. Exc.=	0	(Influent data below.)				
Tot. Flow=	7.361		Concentrations				Pounds				
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
10/1/09	0.164										
10/2/09	0.234										
10/3/09	0.197										
10/4/09	0.179										
10/5/09	0.169	26	11	2.4	1	36.646	15.504	3.383	0.416	0.919255	0.917293
10/6/09	0.189										
10/7/09	0.174										
10/8/09	0.26										
10/9/09	0.505										
10/10/09	0.42										
10/11/09	0.3										
10/12/09	0.245	15	4	0.4	1	30.650	8.173	0.817	0.368	0.880952	0.970149
10/13/09	0.21										
10/14/09	0.21										
10/15/09	0.293										
10/16/09	0.249										
10/17/09	0.214										
10/18/09	0.199										
10/19/09	0.184	28	2	0.28	1	42.968	3.069	0.430	0.525	0.658537	0.976471
10/20/09	0.184										
10/21/09	0.164										
10/22/09	0.163										
10/23/09	0.234										
10/24/09	0.202										
10/25/09	0.177										
10/26/09	0.164	31	3	0.34	1	42.401	4.103	0.465	0.351	0.887681	0.984615
10/27/09	0.206										
10/28/09	0.322										
10/29/09	0.233										
10/30/09	0.242										
10/31/09	0.475										
Average	0.237	25.00	5.00	0.86	1.00	38.17	7.71	1.27	0.42	88%	96%
Maximum	0.505	31.00	11.00	2.40	1.00	42.97	15.50	3.38	0.53		
Exceed.	7	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	0.163	MIN	MAX								
	DO (min)										

Hunting Creek South

INFLUENT

Date	Flow	Concentration TSS	Concentration BOD	Concentration NH3	Pounds TSS	Pounds BOD	Pounds NH3
10/1/2009	0.164						
10/2/2009	0.234						
10/3/2009	0.197						
10/4/2009	0.179						
10/5/2009	0.169	322	133	18	453.846	187.458	25.370
10/6/2009	0.189						
10/7/2009	0.174						
10/8/2009	0.26						
10/9/2009	0.505						
10/10/2009	0.42						
10/11/2009	0.3						
10/12/2009	0.245	126	134	12	257.456	273.802	24.520
10/13/2009	0.21						
10/14/2009	0.21						
10/15/2009	0.293						
10/16/2009	0.249						
10/17/2009	0.214						
10/18/2009	0.199						
10/19/2009	0.184	82	85	14	125.834	130.438	21.484
10/20/2009	0.184						
10/21/2009	0.164						
10/22/2009	0.163						
10/23/2009	0.234						
10/24/2009	0.202						
10/25/2009	0.177						
10/26/2009	0.164	276	195	16	377.502	266.713	21.884
10/27/2009	0.206						
10/28/2009	0.322						
10/29/2009	0.233						
10/30/2009	0.242						
10/31/2009	0.475						
Average	0.237	202	137	15.00	303.659	214.603	23.314
Maximum	0.505	322	195	18.00	453.8	273.80	25.370

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	MSD1064-PS	8619 WESTOVER DR	WESTOVER	HARRODS CREEK	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	972767	10/20/09 01:53 PM	MARKS JR	KAISER	REPAIRED - ISSUE RESOLVED	10/20/09	MECHANICAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	10/20/09 02:05 PM	

Spot Inspections:

Discharge Amount:	150 GAL
Cause:	ONE PUMP HAS PROBLEM WITH BEARINGS
Clean Up:	MSD PERSONEL CLEANED AND SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE ON GROUND AND IN CREEK
Repair:	STATION BEING HAULED UNTIL REPAIRS ARE COMPLETED

Notifications:

10/20/09 02:36 PM	DISPUB	MSD notified public with temporary signs
10/20/09 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 25
Total Work Orders Printed: 36