



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

May 25, 2011

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek South; WQTC KPDES No.: KY0029114
Discharge Monitoring Reports for April, 2011.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC, KPDES No.: KY0029114 for the month of April 2011.

Also attached are overflow reports.

During the month of April, we were unable to sample the week of 4/8/11 through 4/14/11 and the week of 4/22/11 through 4/30/11 due to flood water submerging the CL2 contact tank. The V-Notch weir was several feet under water during these time periods.

There were no exceedences or bypasses.

We are resubmitting the cover letter and the two pages of the DMR as the K code was not entered for flooding of the treatment plant.

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

Sincerely,


Richard. Mills
Process Supervisor, East Region

RM/HCS 3.11

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 HUNTING CREEK S WQTC MSD
 ADDRESS C/D CEDAR CREEK WQTC
 6405 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)

KY0029114
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT

JEFFE

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
 11 04 01 TO 11 04 30

*** NO DISCHARGE (K) ***

NOTE: Read Instructions before completing this form.

PARAMETER	X	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	SAMPLE MEASUREMENT	*****	*****		7	*****	*****	(19)	Ø	3/30	GR
	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****			WEEKLY	GRAB
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		7.0	*****	7.4	(12)	Ø	3/30	GR
	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	212	241	(26)	*****	116	122	(19)	Ø	2/30	CP
	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	DUP US
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	19	24	(26)	*****	10	12	(19)	Ø	2/30	CP
	PERMIT REQUIREMENT	55	90		*****	30	45			WEEKLY	DUP US
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	24	25	(26)	*****	14	15	(19)	Ø	2/30	CP
	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	DUP US
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2	3	(26)	*****	0.8	1.3	(19)	Ø	2/30	CP
	PERMIT REQUIREMENT	11	15		*****	5	7.5			WEEKLY	DUP US
		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.4	0.6	(19)	Ø	2/30	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT			WEEKLY	DUP US
		*****	*****	****	*****	MO AVG	MX WK AV	MG/L		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.J. Schroden Jr.
 Exec. Director
 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.

Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
 502 540-6000
 DATE
 11 5 25
 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 HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211

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

KY0029114
 PERMIT NUMBER

001 I
 DISCHARGE NUMBER

Form Approved.
 OMB No. 2040-0004

MINOR
 (SUBR LV)
 F - FINAL

JETTE

FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSON, SR METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
91	04	01		91	04	05

MUNICIPAL DISCHARGE
 EFFLUENT

*** NO DISCHARGE (K) ***

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				(G3)	*****	*****	*****				
50050 1 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****			
EFFLUENT GROSS VALUE		30DA AVG	DAILY MAX	MGD				****			
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	*****	*****	(19)			
50060 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
EFFLUENT GROSS VALUE		30DA AVG	MX WK AV	MG/L							
COLIFORM, FECAL GENERAL		*****	*****		*****	*****	*****	(13)			
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
EFFLUENT GROSS VALUE		30DA AVG	7 DA AVG	100ML							
BOD, CARBONACEOUS 05 DAY, 20C		*****	*****	(26)	*****	*****	*****	(17)			
80082 6 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	*****	*****	****			
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY							
BOD, CARBONACEOUS 05 DAY, 20C		*****	*****	(26)	*****	*****	*****	(17)			
80082 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY							
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL		*****	*****		*****	*****	*****	(25)			
80091 K 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
PERCENT REMOVAL		*****	*****	****	*****	*****	*****	****			
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		*****	*****	*****	(23)			
81011 K 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	****			
PERCENT REMOVAL		*****	*****	****	*****	*****	*****	****			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H.S. Schroden Jr.
 Exec. Director
 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.

Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000
 DATE 11 5 25
 AREA CODE NUMBER YEAR MO DAY

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

Hunting Creek South

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
4/1/2011	0.144						
4/2/2011	0.139						
4/3/2011	0.14						
4/4/2011	0.2						
4/5/2011	0.199	110	91	15	182.563	151.029	24.895
4/6/2011	0.156						
4/7/2011	0.138						
4/8/2011	0.145						
4/9/2011	0.206						
4/10/2011	0.227						
4/11/2011	0.345						
4/12/2011	0.85						
4/13/2011	0.45						
4/14/2011	0.305						
4/15/2011	0.274						
4/16/2011	0.325						
4/17/2011	0.265						
4/18/2011	0.234						
4/19/2011	0.237	122	82	12	241.143	162.080	23.719
4/20/2011	0.346						
4/21/2011	0.261						
4/22/2011	0.259						
4/23/2011	1.98						
4/24/2011	0.794						
4/25/2011	0.697						
4/26/2011	0.544						
4/27/2011	0.894						
4/28/2011	0.584						
4/29/2011	0.474						
4/30/2011	0.387						
5/1/2011							
Average	0.407	116	87	13.50	211.853	156.554	24.307
Maximum	1.980	122	91	15.00	241.1	162.08	24.895

Hunting Creek South

Hunting Cr. So.	Report for	Apr-11		Tot. Exc.=		0 (Influent data below.)					
Tot. Flow=	12.199	Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem
4/1/11	0.144										
4/2/11	0.139										
4/3/11	0.14										
4/4/11	0.2										
4/5/11	0.199	8	4	0.28	1	13.277	6.639	0.465	0.265	0.927273	0.956044
4/6/11	0.156										
4/7/11	0.138										
4/8/11	0.145										
4/9/11	0.206										
4/10/11	0.227										
4/11/11	0.345										
4/12/11	0.85										
4/13/11	0.45										
4/14/11	0.305										
4/15/11	0.274										
4/16/11	0.325										
4/17/11	0.265										
4/18/11	0.234										
4/19/11	0.237	12	6	1.3	1	23.719	11.859	2.570	0.559	0.901639	0.926829
4/20/11	0.346										
4/21/11	0.261										
4/22/11	0.259										
4/23/11	1.98										
4/24/11	0.794										
4/25/11	0.697										
4/26/11	0.544										
4/27/11	0.894										
4/28/11	0.584										
4/29/11	0.474										
4/30/11	0.387										
5/1/11											
Average	0.407	10.00	5.00	0.79	1.00	18.50	9.25	1.52	0.41	91%	94%
Maximum	1.980	12.00	6.00	1.30	1.00	23.72	11.86	2.57	0.56		

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

KPDES # KY0029114	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SLS Sewer Lift Station	Facility ID MSD1062-LS	Facility Address 7804 DEEP TRAIL CT	If Pump Station, Name of Pump Station: DEEP TRAIL	Receiving Stream HARRODS CREEK	Discharge to STREAM
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV: RAIN EVENT DISCHARGE	1252990	04/27/11 07:13 AM	SINGLETON	MILLS	BEYOND APPROVED DESIGN STORM	04/27/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/29/11 08:06 AM	

Spot Inspections:

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

04/27/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/27/11 07:13 AM	DISPUB	MSD NOTIFIED THE PUBLIC THROUGH TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA
04/27/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0029114 (Cont'd)	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SLS Sewer Lift Station	Facility ID MSD1063-PS	Facility Address 6210 DEEP CREEK CT	If Pump Station, Name of Pump Station: DEEP CREEK	Receiving Stream HARRODS CREEK	Discharge to DITCH
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV: RAIN EVENT DISCHARGE	1242551	04/11/11 08:25 PM	MARKS JR	MILLS	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/13/11 01:30 AM	

Spot Inspections:

Discharge Amount:	25,125 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

04/11/11 08:53 PM	DISPUB	msd notified public with signs
04/11/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/11/11 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



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

KPDES # KY0029114 (Cont'd)	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV: RAIN EVENT DISCHARGE	1249250	04/23/11 06:00 AM	MARKS JR	OWENS	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/28/11 09:15 AM	

Spot Inspections:

Discharge Amount:	73,950 GAL
Cause:	LACK OF SYSTEM CAPACITY CUASED BY RAIN EVENT
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

04/23/11 08:38 AM	DISPUB	msd notified public with temporary signs
04/23/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/23/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0029114 (Cont'd)	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SLS Sewer Lift Station	Facility ID MSD1064-PS	Facility Address 8619 WESTOVER DR	If Pump Station, Name of Pump Station: WESTOVER	Receiving Stream HARRODS CREEK	Discharge to DITCH
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<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV: RAIN EVENT DISCHARGE	1252993	04/27/11 09:30 AM	SINGLETON	MILLS	BEYOND APPROVED DESIGN STORM	04/27/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/27/11 09:15 PM	

Spot Inspections:

Discharge Amount:	1,410 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

04/27/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/27/11 09:30 AM	DISPUB	MSD NOTIFIED THE PUBLIC WITH TEMPORARY SIGNS PLACED AROUND THE AREA
04/27/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

KPDES # KY0029114 (Cont'd)	Facility ID MSD0292	Water Quality Treatment Center HUNTING CREEK SOUTH	Receiving Stream of Treatment Center HARRODS CREEK	Region EAST
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Facility Type SLS Sewer Lift Station	Facility ID MSD1068-PS	Facility Address 6607 HARRODS VIEW CIR	If Pump Station, Name of Pump Station: HARRODS VIEW CIRCLE #1	Receiving Stream HARRODS CREEK	Discharge to STREAM
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Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1249507	04/23/11 01:30 PM	MARKS JR	BROOKS	BEYOND APPROVED DESIGN STORM	04/23/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	04/23/11 04:30 PM	

Spot Inspections:

Discharge Amount:	1,800 GAL
Cause:	RAIN EVENT CAUSED DISCHARGE FROM WET WELL
Clean Up:	NO DEBRIS
Control Zone:	SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

Notifications:

04/23/11 02:53 PM	DISPUB	msd notified public with signs and barricades
04/23/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/23/11 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