



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

December 20, 2011

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

**Re: MSD Metro Operations  
Hunting Creek South WQTC; KPDES No.: KY 0029114  
Discharge Monitoring Reports for Nov. 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 Nov. 2011.

There were no exceedences, or bypasses.

Also attached are the overflow reports.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5832

Sincerely,

A handwritten signature in cursive script that reads "Richard Mills".

Richard Mills  
Process Supervisor of Metro Operations

RM/Hunting Creek South 11.11

Enclosures

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



Beneficial Use of Louisville's Biosolids  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

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

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

KY0029114  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR (SUDBR LV)  
F - FINAL  
MUNICIPAL DISCHARGE  
EFFLUENT

JEFFE

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	11	01		11	11	30

\*\*\* NO DISCHARGE 1 1 \*\*\*

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)	SAMPLE MEASUREMENT	*****	*****		7	*****	*****	( 19 )	0	1/1	GR
DO0300 1 0 0	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	INST MIN			MG/L			
PH	SAMPLE MEASUREMENT	*****	*****		7.0	*****	8.3	( 12 )	0	1/1	GR
DO0400 1 0 0	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0			WEEKLY	GRAB
EFFLUENT GROSS VALUE				****	MINIMUM		MAXIMUM	SU			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	317	415	( 26 )	*****	195	272	( 19 )	0	1/7	CP
DO0530 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV	MG/L			
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	11	20	( 26 )	*****	6	7	( 19 )	0	1/7	CP
DO0530 1 0 0	PERMIT REQUIREMENT	63	94		*****	30	45			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	25	37	( 26 )	*****	17	34	( 19 )	0	1/7	CP
DO0610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPOS
RAW SEW/INFLUENT		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	5	( 26 )	*****	0.6	1.8	( 19 )	0	1/7	CP
DO0610 1 2 0	PERMIT REQUIREMENT	11	16		*****	5	7.5			WEEKLY	COMPOS
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LB/DY		MO AVG	MX WK AV	MG/L			
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	*****	*****		*****	0.26	0.35	( 19 )	0	5/30	CP
DO0665 1 0 0	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT			TWICE/MONTH	COMPOS
EFFLUENT GROSS VALUE				****		MO AVG	MX WK AV	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
HJ Schandien  
Executive 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 Mello  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE	DATE
502 540-6000	11 12 19
AREA CODE NUMBER	YEAR MO DAY

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

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

MINOR  
(SUBR LV)  
F - FINAL

JEFFE

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

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ATTN: DENNIS THOMASSEN, SR METRO OPS

KY0029114  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MONITORING PERIOD

YEAR	MO	DAY	TO	YEAR	MO	DAY
11	11	01		11	11	30

MUNICIPAL DISCHARGE  
EFFLUENT

\*\*\* NO DISCHARGE [ ] \*\*\*

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			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.242	0.682	( 03)	*****	*****	*****		0	CN	CW
50050 1 0 0 EFFLUENT GROSS VALUE		REPORT	REPORT		*****	*****	*****	****		CONTINUOUS	IN
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	20.010	20.010	( 17)	0	1/6	GR
50060 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	0.011	0.017	MG/L		WEEKLY	GRAB
COLIFORM, FECAL GENERAL		*****	*****		*****	4	16	( 13)	0	1/7	GR
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	200	400 #/	30DA GEO		WEEKLY	GRAB
BOD, CARBONACEOUS 5 DAY, 20C		217	257	( 26)	*****	132	200	( 17)	0	1/7	CP
30082 3 0 0 RAW SEW/INFLUENT		REPORT	REPORT		*****	REPORT	REPORT			WEEKLY	COMPLUS
30082 1 0 0 EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LB/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	COMPLUS
BOD, CARBONACEOUS 5 DAY, 20C		4	6	( 28)	*****	2	3	( 17)	0	1/7	CP
30082 1 0 0 EFFLUENT GROSS VALUE		21	31		*****	10	15	MG/L		WEEKLY	COMPLUS
30082 1 0 0 EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LB/DY	*****	MO AVG	MX WK AV	MG/L		WEEKLY	COMPLUS
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL		*****	*****		98	*****	*****	( 23)	0	1/30	CA
30091 1 0 0 PERCENT REMOVAL		*****	*****	****	85	*****	*****	PER-		LARGE/	CALCID
SOLIDS, SUSPENDED PERCENT REMOVAL		*****	*****		97	*****	*****	( 23)	0	1/30	CA
31011 1 0 0 PERCENT REMOVAL		*****	*****	****	85	*****	*****	PER-		LARGE/	CALCID
		MO AVG	MX WK AV	LB/DY	MO MIN	*****	*****	CENT		MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H J Schandelin  
Executive Director  
TYPED OR PRINTED

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Richard Miller  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000  
DATE 11 12 19  
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
11/1/2011	0.126						
11/2/2011	0.125	262	159	22	273.965	166.261	23.005
11/3/2011	0.172						
11/4/2011	0.174						
11/5/2011	0.147						
11/6/2011	0.149						
11/7/2011	0.139						
11/8/2011	0.126						
11/9/2011	0.129	272	200	34	292.543	215.105	36.568
11/10/2011	0.102						
11/11/2011	0.121						
11/12/2011	0.135						
11/13/2011	0.144						
11/14/2011	0.145						
11/15/2011	0.371						
11/16/2011	0.351	142	88	8.3	415.161	257.283	24.266
11/17/2011	0.227						
11/18/2011	0.086						
11/19/2011	0.187						
11/20/2011	0.239						
11/21/2011	0.275						
11/22/2011	0.469						
11/23/2011	0.336	102	82	5.3	285.982	229.907	14.860
11/24/2011	0.277						
11/25/2011	0.225						
11/26/2011	0.219						
11/27/2011	0.373						
11/28/2011	0.682						
11/29/2011	0.609						
11/30/2011	0.398						
Average	0.242	195	132	17.40	316.913	217.139	24.675
Maximum	0.682	272	200	34.00	415.2	257.28	36.568



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

<b>KPDES #</b> KY0029114	<b>Facility ID</b> MSD0292	<b>Water Quality Treatment Center</b> HUNTING CREEK SOUTH	<b>Receiving Stream of Treatment Center</b> HARRODS CREEK	<b>Region</b> EAST
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<b>Facility Type</b>	<b>Facility ID</b>	<b>Facility Address</b>	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b>	<b>Discharge to</b>
SLS Sewer Lift Station	MSD1063-PS	6210 DEEP CREEK CT	DEEP CREEK	HARRODS CREEK	DITCH

<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	1383710	11/22/11 10:20 AM	SINGLETON	OPS BSHIFT EAST	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER	11/22/11 04:16 PM	S

**Spot Inspections:**

Discharge Amount:	7,080 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED, SANITIZED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUTE FOR REPAIR

**Notifications:**

11/22/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
11/22/11 10:20 AM	DISPUJ	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
11/22/11 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 Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES # Facility ID Water Quality Treatment Center Receiving Stream of Treatment Center Region  
 KY0029114 (Cont'd) MSD0292 HUNTING CREEK SOUTH HARRODS CREEK EAST

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1384709	11/28/11 02:00 AM	MARKS JR	CARTER SR	DOCUMENTED	12/16/00	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	11/29/11 07:30 PM	

**Spot Inspections:**

Discharge Amount:	62,250 GAL
Cause:	RAIN EVENT CAUSED A LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED, SANITIZED & LIMED
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	STATION IS BEING HAULED TO PREVENT DISCHARGE

**Notifications:**

11/28/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
11/28/11 03:30 AM	DISPUB	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
11/28/11 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

Total Facilities Printed: 76  
Total Work Orders Printed: 120