



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

January 21, 2014

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 Report for December of 2013**

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 December 2013.

There were no exceedences or bypasses to report.

Also attached are overflow reports.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson".

Kevin Thompson
Process Supervisor of Metro Operations

RM/Hunting Creek South12/13

Enclosures

CC T. Singleton
R. Shaw



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

DMR Copy of Record

Permit					
Permit #:	KY0029114	Permittee:	HUNTING CREEK S WQTC MSD	Facility:	HUNTING CREEK S WQTC MSD
Major:	No	Permittee Address:	6530 MONTERO DR PROSPECT, KY 40059	Facility Location:	6530 MONTERO DR PROSPECT, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-1 MUNICIPAL DISCHARGE		

Report Dates & Status					
Monitoring Period:	From 12/01/13 to 12/31/13	DMR Due Date:	01/28/14	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

No Data Indicator (NODI)
Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type						
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units				
00300	Oxygen, dissolved [DO]	1 - Effluent Gross0		--	Sample					=	8						19 - mg/L	01/01 - Daily	GR - GRAB				
					Permit Req.					>=	7 INST MIN								19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI																		
00400	pH	1 - Effluent Gross0		--	Sample					=	7				=	8		12 - SU	01/01 - Daily	GR - GRAB			
					Permit Req.					>=	6 MINIMUM				<=	9 MAXIMUM			12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI																		
00530	Solids, total suspended	1 - Effluent Gross0		--	Sample	=	15.52	=	29.31	26 - lb/d		=	9		=	16		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	62.84 30DA AVG	<=	94.26 DAILY MX	26 - lb/d		<=	30 30DA AVG		<=	45 DAILY MX			19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI																		
00600	Nitrogen, total [as N]	1 - Effluent Gross0		--	Sample							=	17		=	23		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.															19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Value NODI																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross1		--	Sample							=	17		=	23		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	4.19 30DA AVG	<=	6.28 DAILY MX	26 - lb/d		<=	2 30DA AVG		<=	3 DAILY MX			19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI		9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period								
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross2		--	Sample	=	0.4	=	0.53	26 - lb/d		=	0.3		=	0.3		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	10.5 30DA AVG	<=	15.71 DAILY MX	26 - lb/d		<=	5 30DA AVG		<=	7.5 DAILY MX			19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI																		
00665	Phosphorus, total [as P]	1 - Effluent Gross0		--	Sample							=	0.4		=	0.5		19 - mg/L	01/07 - Weekly	CP - COMPOS			
					Permit Req.															19 - mg/L	0	01/07 - Weekly	CP - COMPOS
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross0		--	Sample	=	0.224	=	0.493	03 - MGD									99/99 - Continuous	CN - CONTIN			
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD										0	01/07 - Weekly	IN - INSTAN	
					Value NODI																		
50060	Chlorine, total residual	1 - Effluent Gross0		--	Sample							<	0.01		<	0.01		19 - mg/L	01/01 - Daily	GR - GRAB			
					Permit Req.															19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI																		
					Sample							=	8		=	27		13 - #/100mL	01/07 - Weekly	GR - GRAB			
					Permit															13 -			

51040	E. coli	1 - Effluent Gross0	--	Req.								<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
				Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross0	--	Sample	=	5.2	=	9.16	26 - lb/d	=	3	=	5	=	5	19 - mg/L	0	01/07 - Weekly	CP - COMPOS
				Permit Req.	<=	20.9 30DA AVG	<=	31.42 DAILY MX	26 - lb/d	<=	10 30DA AVG	<=	15 DAILY MX	<=	15 DAILY MX	19 - mg/L	0	01/07 - Weekly	24 - COMP24
				Value NODI															

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments

Attachments

Name	Type	Size
201312_SouthHuntingCreek_coverletter.pdf	pdf	16260
201312_HUNTINGCREEKSOUTH_OverflowReport.pdf	pdf	74002
201312_SouthHuntingCreek_MOR.pdf	pdf	26671

Report Last Saved By

HUNTING CREEK S WQTC MSD

User:	wrightd	Date/Time:	2014-12-16 09:16 (Time Zone: -05:00)
Name:	Duane Wright		
E-Mail:	duane.wright@louisvillemmsd.org		

Hunting Creek South

Hunting Cr. So.		Report for	Dec-13	Tot. Exc.=		(Influent data below.)							
Tot. Flow=	6.951351	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	D.O.	p.H.	TRC
12/1/13	0.14884										8	7.2	0.01
12/2/13	0.13347	4	2	0.280		4.453	2.226	0.312	0.100	23.200	8	7.2	0.01
12/3/13	0.1217				2						8.2	7.4	0.01
12/4/13	0.1294										8	7.4	0.01
12/5/13	0.19064										8	7.4	0.01
12/6/13	0.26606										8	7.4	0.01
12/7/13	0.25205										8.1	7.3	0.01
12/8/13	0.24061										8.1	7.3	0.01
12/9/13	0.22783	6	2	0.280		11.401	3.800	0.532	0.503	15.100	8.2	7.4	0.01
12/10/13	0.20906				27						8	7.4	0.01
12/11/13	0.18924										8	7.4	0.01
12/12/13	0.18148										8	7.4	0.01
12/13/13	0.18227										8	7.4	0.01
12/14/13	0.31179										8.2	7.3	0.01
12/15/13	0.28678										8	7.4	0.01
12/16/13	0.22532	9	3	0.280		16.913	5.638	0.526	0.278	12.900	8	7.4	0.01
12/17/13	0.20164				8						8	7.4	0.01
12/18/13	0.18712										8.1	7.5	0.01
12/19/13	0.18545										8.1	7.5	0.01
12/20/13	0.18445										8	7.4	0.01
12/21/13	0.43502										8	7.4	0.01
12/22/13	0.4929										8	7.5	0.01
12/23/13	0.27106										8	7.5	0.01
12/24/13	0.22815										7.9	7.4	0.01
12/25/13	0.21963	16	5	0.220		29.307	9.159	0.403	0.523		8	7.5	0.01
12/26/13	0.21064				12						8	7.5	0.01
12/27/13	0.19651										8	7.5	0.01
12/28/13	0.18363										7.9	7.7	0.01
12/29/13	0.2517										7.9	7.7	0.01
12/30/13	0.21042										8	7.6	0.01
12/31/13	0.196491										8	7.6	0.01
Average	0.224	8.75	3.00	0.3	8.49	16	5.206	0.44	0.4	17.07	8.02	7	0.01
Maximum	0.493	16.00	5.00	0.28	27.00	29	9.159	0.5	0.5	23.20	8.200	8	0.010
Exceed.	8	0	0	0	0	0	0	0	0	0			



Report Selections: Period: 12/01/2013 00:00 thru 12/31/2013 23:59, treatment Plant: MSD0292 HUNTING CREEK SOUTH, 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	MSD0292	HUNTING CREEK SOUTH	HARRODS CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	62752	6206 DEEP CREEK DR		HARRODS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2085615		12/22/13 6:05 am	FIELDS	GRIFFITH	REPAIRED - ISSUE RESOLVED	12/26/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	12/23/13 05:30 AM	

Discharge Reporting:

Discharge Amount:	21,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	NONE NEEDED DUE TO MAGNITUDE OF STORM
Control Zone:	CAUTION TAPE AND TEMP SIGN
Impact:	LIGHT DEBRIS OBSERVED
Repair:	MSD CREWS WORKING IN THE AREA. ROOTS CUT. SEE SERVICE REQUEST 4256142
Public Notification:	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMPORARY SIGNS TO AVOID CONTACT WITH DISCHARGE

Notifications:

12/22/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemSD.org, Sayre.Dennis@epamail.epa.gov'
12/22/13 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemSD.org, Sayre.Dennis@epamail.epa.gov'



Report Selections: Period: 12/01/2013 00:00 thru 12/31/2013 23:59, treatment Plant: MSD0292 HUNTING CREEK SOUTH, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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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
SMH Sewer Manhole	66585	6302 DEEP CREEK DR		HARRODS CREEK	CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2086360		12/26/13 9:45 am	MARINO	MARINO	REPAIRED - ISSUE RESOLVED	12/26/2013	ROOTS	UNAUTHORIZED DISCHAGE - WATERS	12/26/13 10:33 AM	MAIN

Discharge Reporting:

Discharge Amount:	500 GAL
Cause:	ROOTS IN MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA
Control Zone:	PLACED CONE AROUND MANHOLE IN DRIVEWAY
Impact:	SEWAGE DISCHARGED INTO THE CATCH BASIN; SEWAGE
Repair:	WORK ORDER #2086362, 2086393; ROOT CUT THE MAIN TO REOPEN
Public Notification:	ADVISED CUSTOMER BY TELEPHONE

Notifications:

12/24/13 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Total Facilities Printed: 2

Total Work Orders Printed: 2