



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

May 20, 2015

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 April 2015**

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.

There were no exceedences or bypasses reports for the month of April.

Also included 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 black ink, appearing to read "John Kessel", is written over a white background.

John Kessel
Process Supervisor, West region

JK/Hunting Creek South 4/15

Enclosures

CC T. Singleton
R. Shaw
C.Roth



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

DMR Copy of Record

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

Report Dates & Status			
Monitoring Period:	From 04/01/15 to 04/30/15	DMR Due Date:	05/28/15
Status:	NetDMR Validated		

Considerations for Form Completion

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

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 Gross	0	--	Sample					=	7					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 Gross	0	--	Sample					=	7				=	7	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 Gross	0	--	Sample	=	11.17	=	12.06	26 - lb/d	=	6		=	7	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 Gross	0	--	Sample						=	14		=	20	19 - mg/L	01/07 - Weekly	CP - COMPOS		
					Permit Req.							Req Mon 30DA AVG		Req Mon DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.74	=	1.01	26 - lb/d	=	0.4		=	0.5	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															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample						<=	5 30DA AVG		<=	7.5 DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24		
					Permit Req.	<=	10.5 30DA AVG	<=	15.71 DAILY MX	26 - lb/d	<=	9 - Conditional Monitoring - Not Required This Period	<=	9 - Conditional Monitoring - Not Required This Period	19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.2		=	0.2	19 - mg/L	05/30 - 5 Times Every Month	CP - COMPOS		
					Permit Req.						<=	1 30DA AVG	<=	2 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS		
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.246	=	0.781	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 Gross	0	--	Sample						<	0.01		<	0.01	19 - mg/L	01/01 - Daily	GR - GRAB		
					Permit Req.						<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB		
					Value NODI															
		1 - Effluent			Sample						=	1		=	2	13 - #/100mL	01/07 - Weekly	GR - GRAB		
					Permit												13 -			

51040	E. coli	Gross	0	--							<=	130 30DA GEO	<=	240 7 DA GEO	#/100mL	0	01/07 - Weekly	GR - GRAB
					Req.													
					Value NODI													
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--														
					Sample	=	8.2	=	11.93	26 - lb/d	=	4	=	5	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	20.9 30DA AVG	<=	31.42 DAILY MX	26 - lb/d	<=	10 30DA AVG	<=	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
HuntSouth_MOR_042015.pdf	pdf	38157
huntsouth_cover_042015.pdf	pdf	41572
HuntSouth_overflow_042015.pdf	pdf	48187

Report Last Saved By

HUNTING CREEK S WQTC MSD

User:	kessel@louisvillemsd.org	Date/Time:	2015-05-22 13:34 (Time Zone: -04:00)
Name:	John Kessel		
E-Mail:	kessel@louisvillemsd.org		

Hunting Creek South

Hunting Cr. So.		Report for	Apr-15			Tot. Exc.= 0 (Influent data below.)										
Tot. Flow= 7.37173		Concentrations														
Date	Flow	TSS	BOD	NH3	ECOLI	Pounds						D.O.	p.H.	TRC		
						TSS	BOD	NH3	Tot. Phos.	Tot. N	TSS Rerr	BOD Re				
4/1/15	0.16043	7	3	0.530		9.366	4.014	0.709	0.230	8.270	0.89	0.97	8.3	7.3	0.01	
4/2/15	0.20918				1								8.3	7.3	0.01	
4/3/15	0.78111												8.3	7.3	0.01	
4/4/15	0.37117												7.1	7	0.01	
4/5/15	0.28677												7.4	7.3	0.01	
4/6/15	0.24541												8	7.3	0.01	
4/7/15	0.42905												8	7.3	0.01	
4/8/15	0.35747	4	4	0.340		11.925	11.925	1.014	0.171	20.210	0.99	0.98	7.7	7.2	0.01	
4/9/15	0.30682				1								8	7.3	0.01	
4/10/15	0.31035												7.5	7.1	0.01	
4/11/15	0.25145												8.2	7.2	0.01	
4/12/15	0.22589												8.3	7.1	0.01	
4/13/15	0.20643												8	7.3	0.01	
4/14/15	0.22366												8.2	7.2	0.01	
4/15/15	0.20665	7	5	0.360		12.064	8.617	0.620	0.196	15.470	0.93	0.93	8.2	7.2	0.01	
4/16/15	0.19135				1								8.3	7.3	0.01	
4/17/15	0.16867												8.3	7.3	0.01	
4/18/15	0.17212												8.1	7.2	0.01	
4/19/15	0.23466												7.9	7	0.01	
4/20/15	0.23588												7.9	7	0.01	
4/21/15	0.19254												7.9	7	0.01	
4/22/15	0.19372	7	5	0.390		11.309	8.078	0.630	0.180	10.920	0.96	0.95	8	7.2	0.01	
4/23/15	0.18918				2								8	7.2	0.01	
4/24/15	0.17387												8	7.2	0.01	
4/25/15	0.20239												8.3	7.3	0.01	
4/26/15	0.19647												8.3	7.3	0.01	
4/27/15	0.17279												8.3	7.3	0.01	
4/28/15	0.1624												8.3	7.3	0.01	
4/29/15	0.15709								0.193				8	7.3	0.01	
4/30/15	0.15676												8.4	7.2	0.01	
5/1/15																
Average	0.246	6.25	4.25	0.4	1.19	11	8.159	0.74	0.2	13.72	96%	96%	8.05	7	0.01	
Maximum	0.781	7.00	5.00	0.53	2.00	12	11.925	1.0	0.2	20.21			8.400	7	0.010	
Exceed.	8	0	0	0	0	0	0	0	0		0	0				
DailyMX		0	0	0	0	0	0	0	0							
MoAVG		0	0	0	0	0	0	0	0		0	0				
Minimum	0.15676	MIN	MAX										7.10	7.00	0.01	



IMSAST0004
Overflow Report

Initiated Apr 01, 2015 12:00 AM thru Apr 30, 2015 11:59 PM

Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, 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
SLS Sewer Lift Station	MSD1064-PS	8619 WESTOVER DR	WESTOVER	HARRODS CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337692		4/3/15 8:40 am	SINGLETON	OPS BSHIFT EAST	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 05:30 PM	

Discharge Reporting:

Discharge Amount:	13,250 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

Notifications:

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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