



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

November 21, 2013

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Silver Heights WQTC; KPDES No.: KY0028801
Discharge Monitoring Reports – October 2013.**

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Silver Heights WQTC, KPDES No.: KY0028801 for the month of October.

There were no exceedences or bypass reports during the month of October for the Silver Heights WQTC.

Also included are the overflow reports for October

If you have any questions concerning the attached DMRs, please contact me at (502) 540-6031.

Sincerely,

A handwritten signature in black ink, appearing to read "John Kessel", written over a white background.

John Kessel
Process Supervisor, West region

JMK/Silver Heights 1013

Enclosures

cc: T. Singleton
R. Shaw
C.Roth



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

DMR Copy of Record

Permit			
Permit #:	KY0028801	Permittee:	SILVER HEIGHTS WQTC MSD
Major:	No	Permittee Address:	9418 SLAYTON CT LOUISVILLE, KY 40229
Permitted Feature:	001 External Outfall	Discharge:	001-2 SANITARY WASTEWATER
Facility:		Facility Location:	SILVER HEIGHTS WQTC MSD 9418 SLAYTON CT LOUISVILLE, KY 40229

Report Dates & Status			
Monitoring Period:	From 10/01/13 to 10/31/13	DMR Due Date:	01/28/14
Status:	NetDMR Validated		

Considerations for Form Completion
USE MO AVG FOR BOD/TSS REMV;REPT IN MINIMUM COLUMN.

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				=	7				19 - mg/L	0	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				=	8			12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	6 MINIMUM								12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	9	=	18	26 - lb/d	=	4	=	4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	125 30DA AVG	<=	250 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.6	=	0.8	26 - lb/d	=	0.3	=	0.4	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	16.7 30DA AVG	<=	33.4 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	1.2	=	1.9	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon 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	=	0.283	=	0.932	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	3	=	7	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 DAILY MX	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	4.6	=	9	26 - lb/d	=	2	=	2	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.	<=	62.6 30DA AVG	<=	125 DAILY MX	26 - lb/d	<=	15 30DA AVG	<=	30 DAILY MX	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					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
Silverheights_cover_2013.pdf	pdf	16453
Silverheights_MOR_102013.pdf	pdf	9669
201310_SHWQTC_OverflowReport.pdf	pdf	73881

Report Last Saved By
SILVER HEIGHTS WQTC MSD

User:	kessel@louisvillemd.org	Date/Time:	2013-11-21 13:38 (Time Zone: -05:00)
Name:	John Kessel		

Silver Heights		Report for	Oct-13				Tot. Exc.=						
Tot. Flow=	8.77976		Concentrations				0	Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	
10/1/13	0.180									7.7	6.9	0.01	
10/2/13	0.170	4	2	0.39		5.671	2.835	0.553	1.93	7.8	6.9	0.01	
10/3/13	0.170				3					7.8	6.6	0.01	
10/4/13	0.194									7.6	6.8	0.01	
10/5/13	0.522									7.8	6.9	0.01	
10/6/13	0.734									8	7.2	0.01	
10/7/13	0.932									7.2	6.7	0.01	
10/8/13	0.530	4	2	0.17		17.681	8.840	0.751	0.229	7	7.3	0.01	
10/9/13	0.419				7					7.3	7.7	0.01	
10/10/13	0.346									7.5	7.4	0.01	
10/11/13	0.297									7.1	7.4	0.01	
10/12/13	0.267									7.2	7.5	0.01	
10/13/13	0.263									8	6.9	0.01	
10/14/13	0.224									7.8	6.8	0.01	
10/15/13	0.209									7.2	6.8	0.01	
10/16/13	0.214	4	2	0.28		7.124	3.562	0.499	1.03	7.2	6.9	0.01	
10/17/13	0.204				2					7.3	7.1	0.01	
10/18/13	0.181									7.4	7.2	0.01	
10/19/13	0.199									8.1	6.5	0.01	
10/20/13	0.202									8	6.9	0.01	
10/21/13	0.194									8.3	6.6	0.01	
10/22/13	0.182	3	2	0.34		4.548	3.032	0.515	1.7	8.3	6.8	0.01	
10/23/13	0.180				2					8	6.8	0.01	
10/24/13	0.171									8	6.8	0.01	
10/25/13	0.162									8	7.2	0.01	
10/26/13	0.164									8.2	7	0.01	
10/27/13	0.171									7.8	6.9	0.01	
10/28/13	0.157									7.9	6.8	0.01	
10/29/13	0.153									8.4	6.6	0.01	
10/30/13	0.364									7.8	6.6	0.01	
10/31/13	0.426									7.2	7.2	0.01	
Average	0.283	4	2	0.3	3.03	9	4.567	0.58	1.2	7.71	7	0.01	
Maximum	0.932	4	2	0.4	7.00	18	8.840	0.8	1.9	8.40	8	0.01	
Exceed.	4	0	0	0	0	0	0	0					

Report Selections: Period: 10/01/2013 00:00 thru 10/31/2013 23:59, treatment Plant: MSD0258 SILVER HEIGHTS, 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
KY0028801	MSD0258	SILVER HEIGHTS	MUD CREEK	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	61667	9718 TITAN DR		MUD 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	2030719		10/6/13 1:30 am	GENTRY	TELLMAN	DOCUMENTED	03/09/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	10/06/13 05:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	39,000 GAL
Cause:	RAIN EVENT
Clean Up:	MSD DID NOT OBSERVE ANY DEBRIS TO BE CLEANED IN AREA
Control Zone:	TAPE AND TEMPORARY SIGNS
Impact:	SEWAGE AND SOLIDS
Repair:	NO REPAIRS NEEDED
Public Notification:	MSD ADVISED CUSTOMER BY DOOR CARD

Notifications:

10/6/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
10/6/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Report Selections: Period: 10/01/2013 00:00 thru 10/31/2013 23:59, treatment Plant: MSD0258 SILVER HEIGHTS, 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
KY0028801	MSD0258	SILVER HEIGHTS	MUD CREEK	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	61687	3501 GRISSOM WAY		MUD 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	2030728		10/6/13 1:00 am	GENTRY	TELLMAN	DOCUMENTED	03/09/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	10/06/13 05:00 AM	MAIN

Discharge Reporting:

Discharge Amount:	6,000 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	signs
Impact:	sewage and solids
Repair:	area included in ioap
Public Notification:	advised property owner on site

Notifications:

10/6/13 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'
10/6/13 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov'

Total Facilities Printed: 2

Total Work Orders Printed: 2