



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

June 18, 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 – May 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 May 2013.

There were no exceedences, bypasses or overflow reports during the month of May for the Silver Heights WQTC.

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 series of horizontal lines.

John Kessel
Process Supervisor, West region

JMK/Silver Heights 0513

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:

KY0028801

Major:

No

Permittee:

SILVER HEIGHTS WQTC MSD

Permittee Address:

9418 SLAYTON CT
LOUISVILLE, KY 40229

Facility:

SILVER HEIGHTS WQTC MSD

Facility Location:

9418 SLAYTON CT
LOUISVILLE, KY 40229

Permitted Feature:

001
External Outfall

Discharge:

001-2
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 05/01/13 to 05/31/13

DMR Due Date:

07/28/13

Status:

NetDMR Validated

Considerations for Form Completion

USE MO AVG FOR BOD/TSS REMV;REPT IN MINIMUM COLUMN.

Principal Executive Officer

First Name:

Greg

Last Name:

Heitzman

Title:

Exec Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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			=	9	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	=	14	26 - lb/d			=	4	=	5	19 - mg/L		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	=	0.9	=	1.4	26 - lb/d			=	0.4	=	0.6	19 - mg/L		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								=	1.3	=	2.3	19 - mg/L		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	=	0.371	=	1.03	03 - MGD									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		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								=	6	=	14	13 - #/100mL		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	=	10.7	=	19.8	26 - lb/d			=	4	=	7	19 - mg/L		01/01 - Daily	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_052013_Cover.pdf	pdf	14872
THOMPSON_0627090059_001.pdf	pdf	6234

Report Last Saved By

SILVER HEIGHTS WQTC MSD

User:

kevin.thompson@louisvillemsd.org

Name:

Kevin Thompson

E-Mail:

kevin.thompson@louisvillemsd.org

Date/Time:

2013-06-27 09:09 (Time Zone: -04:00)

Silver Heights		Report for		May-13		Tot. Exc.=		0									
Tot. Flow= 11.50948				Concentrations						Pounds							
Date	Flow	TSS		BOD	NH3	Fecal		TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC			
5/1/13	0.323	3		2	0.22			8.082	5.388	0.593	1.61	7.8	7.4	0.01			
5/2/13	0.304					6						8.7	7.6	0.01			
5/3/13	0.280											7.5	7.2	0.01			
5/4/13	0.424											7.4	7.2	0.01			
5/5/13	1.030											7	7.2	0.01			
5/6/13	0.738												7.4	0.01			
5/7/13	0.668											7	8.6	0.01			
5/8/13	0.503	3		2	0.34			12.584	8.389	1.426	0.201	7.5	7.6	0.01			
5/9/13	0.432					6						7.2	7.6	0.01			
5/10/13	0.716											7.1	7.3	0.01			
5/11/13	0.784											6.9	7	0.01			
5/12/13	0.567											6.8	7	0.01			
5/13/13	0.449											7	7.3	0.01			
5/14/13	0.378											7.4	7.3	0.01			
5/15/13	0.339	5		7	0.22			14.144	19.802	0.622	1.07	7.7	7.2	0.01			
5/16/13	0.288					2						7.3	7.4	0.01			
5/17/13	0.284											7.2	7.2	0.01			
5/18/13	0.280											7.1	7.1	0.01			
5/19/13	0.268											7.2	7	0.01			
5/20/13	0.247											7.5	6.8	0.01			
5/21/13	0.228											7.3	6.6	0.01			
5/22/13	0.223	5		5	0.62			9.319	9.319	1.156	2.29	7.4	7.2	0.01			
5/23/13	0.220					14						7.4	7.4	0.01			
5/24/13	0.190											7.2	7.4	0.01			
5/25/13	0.190											8.7	6.9	0.01			
5/26/13	0.194											8.5	7.2	0.01			
5/27/13	0.209											7.7	7	0.01			
5/28/13	0.189											7.9	7.2	0.01			
5/29/13	0.180											7.2	7	0.01			
5/30/13	0.181											7	6.5	0.01			
5/31/13	0.206											7.3	6.5	0.01			
Average	0.371	4		4	0.4	5.63		11	10.725	0.95	1.3	7.43	7	0.01			
Maximum	1.030	5		7	0.6	14.00		14	19.802	1.4	2.3	8.70	9	0.01			
Exceed.	7	0		0	0	0		0	0	0							