



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

August 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 – July 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 July.

There were no exceedences, bypasses or overflow reports during the month of July 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 "J. Kessel", written over a white background.

John Kessel
Process Supervisor, West region

JMK/Silver Heights 0713

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 07/01/13 to 07/31/13	DMR Due Date:	10/28/13
Status:	NetDMR Validated		

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

Principal Executive Officer			
First Name:	Greg	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				<=	9 MAXIMUM			12 - SU	0	01/07 - Weekly	GR - GRAB	
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	15	=	44	26 - lb/d	=	5	=	13	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	=	0.9	=	1.4	26 - lb/d	=	0.4	=	0.6	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						=	1.8	=	2.5	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	=	0.276	=	0.9	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						=	9	=	60	13 - #/100mL	0	01/01 - Daily	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	=	4.9	=	7	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_082013_Cover.pdf	pdf	14668
Silverheights_072013_MOR.pdf	pdf	7013

Report Last Saved By
SILVER HEIGHTS WQTC MSD

User:	kessel@louisvillemd.org	Date/Time:	2013-08-27 12:10 (Time Zone: -04:00)
Name:	John Kessel		
E-Mail:	kessel@louisvillemd.org		

Silver Heights		Report for		Jul-13		Tot. Exc.=		0					
Tot. Flow=	8.55496	Concentrations						Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	
7/1/13	0.256	2	2	0.28		4.264	4.264	0.597	1.82	7.4	7.6	0.01	
7/2/13	0.239				2					7.4	7.4	0.01	
7/3/13	0.209									7.4	7.6	0.01	
7/4/13	0.542									7.3	7.6	0.01	
7/5/13	0.484									7	7.3	0.01	
7/6/13	0.900									7.2	7.2	0.01	
7/7/13	0.560									7	7.1	0.01	
7/8/13	0.407	13	2	0.34		44.132	6.790	1.154	0.774	7	7.3	0.01	
7/9/13	0.321				11					7.1	7.3	0.01	
7/10/13	0.295									7	7.5	0.01	
7/11/13	0.272									7	7.6	0.01	
7/12/13	0.242									7.2	7.4	0.01	
7/13/13	0.236									7.4	7.5	0.01	
7/14/13	0.226									7.4	7.4	0.01	
7/15/13	0.214	3	2	0.28		5.346	3.564	0.499	2.19	7.1	7	0.01	
7/16/13	0.213				5					7.1	7	0.01	
7/17/13	0.199									7.1	7.1	0.01	
7/18/13	0.197									7.1	7.3	0.01	
7/19/13	0.181									7	7.1	0.01	
7/20/13	0.184									7.1	7.1	0.01	
7/21/13	0.188									7	7	0.01	
7/22/13	0.295	3	2	0.56		7.382	4.921	1.378	2.52	7	6.8	0.01	
7/23/13	0.274				60					7	6.5	0.01	
7/24/13	0.203									7.5	7	0.01	
7/25/13	0.184									7.1	6.8	0.01	
7/26/13	0.172									7.5	7	0.01	
7/27/13	0.186									7.2	7.1	0.01	
7/28/13	0.180									7.4	7	0.01	
7/29/13	0.161									7.5	6.6	0.01	
7/30/13	0.168									7.6	7	0.01	
7/31/13	0.167									7.5	7	0.01	
Average	0.276	5	2	0.4	9.01	15	4.885	0.91	1.8	7.21	7	0.01	
Maximum	0.900	13	2	0.6	60.00	44	6.790	1.4	2.5	7.60	8	0.01	
Exceed.	3	0	0	0	0	0	0	0					