



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

February 14, 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 – January 2014**

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 January.

There were no exceedences or bypass reports during the month of January 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 in a cursive style.

John Kessel
Process Supervisor, West region

JMK/Silver Heights 0114

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:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	SILVER HEIGHTS WQTC MSD 9418 SLAYTON CT LOUISVILLE, KY 40229

Report Dates & Status			
Monitoring Period:	From 01/01/14 to 01/31/14	DMR Due Date:	02/28/14
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	01/07 - Weekly	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	=	6				=	8			12 - SU	0	01/07 - Weekly	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	=	39	=	63	26 - lb/d	=	14	=	26	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	125 MO AVG	<=	188 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI														
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample	=					=	12	=	16	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.6	=	0.7	26 - lb/d	=	0.2	=	0.2	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	41.7 MO AVG	<=	62.6 WKLY AVG	26 - lb/d	<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	0.9	=	1.2	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.39	=	1.129	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	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	01/07 - Weekly	GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	47	=	121	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB	
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	20.4	=	35.2	26 - lb/d	=	6	=	9	19 - mg/L	0	01/07 - Weekly	24 - COMP24	
					Permit Req.	<=	62.6 MO AVG	<=	93.8 WKLY AVG	26 - lb/d	<=	15 MO AVG	<=	22.5 WKLY AVG	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
Silverheights_MOR_012014.pdf	pdf	8782
Silverheights_Cover_012014.pdf	pdf	13578

Report Last Saved By
SILVER HEIGHTS WQTC MSD

Name: John Kessel
E-Mail: kessel@louisvillemsd.org

Silver Heights		Report for	Jan-14			Tot. Exc.=		0					
Tot. Flow= 12.09209		Concentrations					Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	
1/1/14	0.355	15	5	0.22		44.458	14.819	0.652	0.916	7.6	7.1	0.01	
1/2/14	0.346				35					7.2	7.2	0.01	
1/3/14	0.312									7.7	7.3	0.01	
1/4/14	0.325									7.4	7.5	0.01	
1/5/14	0.430									7.6	7.2	0.01	
1/6/14	0.463									7.4	7.4	0.01	
1/7/14	0.402									9	7	0.01	
1/8/14	0.383	10	3.89	0.13		31.945	12.426	0.415	0.68	8.8	7.1	0.01	
1/9/14	0.390				14					8.6	7.1	0.01	
1/10/14	0.369									8.6	7	0.01	
1/11/14	1.129									7.6	7	0.01	
1/12/14	0.729									7	7	0.01	
1/13/14	0.625									7.4	7	0.01	
1/14/14	0.582									7.3	6.7	0.01	
1/15/14	0.469	4	9	0.17		15.651	35.214	0.665		7.3	6.8	0.01	
1/16/14	0.415				17				1.21	7.4	6.8	0.01	
1/17/14	0.361									7.2	6.8	0.01	
1/18/14	0.342									7.2	7	0.01	
1/19/14	0.340									8.2	6.8	0.01	
1/20/14	0.320									7.6	6.9	0.01	
1/21/14	0.286									8.9	6.9	0.01	
1/22/14	0.288	26	8	0.22		62.547	19.245	0.529	0.932	8.8	6.9	0.01	
1/23/14	0.276				121					8.4	7	0.01	
1/24/14	0.274									7.9	6.4	0.01	
1/25/14	0.301									8	7	0.01	
1/26/14	0.310									7.7	6.8	0.01	
1/27/14	0.262									9.2	6.9	0.01	
1/28/14	0.255									9	6.9	0.01	
1/29/14	0.255									8.8	6.8	0.01	
1/30/14	0.254									9	6.6	0.01	
1/31/14	0.241									9.5	7.4	0.01	
Average	0.390	14	6	0.2	31.69	39	20.426	0.57	0.9	8.04	7	0.01	
Maximum	1.129	26	9	0.2	121.00	63	35.214	0.7	1.2	9.50	8	0.01	
Exceed.	4	0	0	0	0	0	0	0					