



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

July 16, 2014

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 – June 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 June.

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

Note that this plant was removed from service and all influent flow was stopped on June 12, 2014. This DMR includes sample data collected during the first two weeks of the month. MSD also submitted a no discharge certificate on June 24, 2014.

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

Sincerely,

John Kessel
Process Supervisor, West region

JMK/Silver Heights 0614

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 06/01/14 to 06/30/14	DMR Due Date:	07/28/14
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	12/30 - Twelve Per Month 01/07 - Weekly	GR - GRAB GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L				
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	7			12 - SU	0	12/30 - Twelve Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM			12 - SU				
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	12	=	16	26 - lb/d	=	9	=	11	19 - mg/L	0	02/30 - Twice Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	125 MO AVG	<=	188 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L				
					Value NODI														
00600	Nitrogen, total	1 - Effluent Gross	0	--	Sample	=					=	21	=	21	19 - mg/L	0	02/30 - Twice Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L				
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.4	=	0.6	26 - lb/d	=	0.3	=	0.4	19 - mg/L	0	02/30 - Twice Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	16.7 MO AVG	<=	25 WKLY AVG	26 - lb/d	<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L				
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	2.9	=	3.2	19 - mg/L	0	02/30 - Twice Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L				
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.138	=	0.173	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD									
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	12/30 - Twelve Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L				
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	9	=	13	13 - #/100mL	0	02/30 - Twice Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL				
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	5.2	=	5.8	26 - lb/d	=	4	=	4	19 - mg/L	0	02/30 - Twice Per Month 01/07 - Weekly	CP - COMPOS 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				
					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
Silverheights was taken offline and all influent flow was stopped on June 12,2014. Samples were taken and recorded up until June 12,2014.

Attachments		
Name	Type	Size
KESSEL_0716102035_001.pdf	pdf	17483
Silverheights_MOR_062014.pdf	pdf	8204

Name: Kevin Ries
E-Mail: kevin.ries@louisvillemisd.org

Silver Heights		Report for	Jun-14			Tot. Exc.=	0							
Tot. Flow=	1.656	Concentrations					Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
6/1/14	0.173	11	4	0.39		15.871	5.771	0.563	2.61	7.7	7.3	0.01	21.11	
6/2/14	0.159				6					7.3	7.2	0.01		
6/3/14	0.159									7.5	7	0.01		
6/4/14	0.160									7	6.4	0.01		
6/5/14	0.145									7.2	6.7	0.01		
6/6/14	0.140									7.4	6	0.01		
6/7/14	0.118									7.4	6.1	0.01		
6/8/14	0.141	7	4	0.28		8.232	4.704	0.329	3.23	7.1	6.3	0.01	21.01	
6/9/14	0.125				13					7.6	7	0.01		
6/10/14	0.127									7.8	7.1	0.01		
6/11/14	0.122									7.7	7.2	0.01		
6/12/14	0.087									7.5	6.3	0.01		
6/13/14														
6/14/14														
6/15/14														
6/16/14														
6/17/14														
6/18/14														
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6/25/14														
6/26/14														
6/27/14														
6/28/14														
6/29/14														
6/30/14														
7/1/14														
Average	0.138	9	4	0.3	8.83	12	5.238	0.45	2.9	7.43	7	0.01	21.06	
Maximum	0.173	11	4	0.4	13.00	16	5.771	0.6	3.2	7.80	7	0.01	21.11	
Exceed.	0	0	0	0	0	0	0	0						