



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

June 17, 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 – May 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 May.

There were no exceedences, overflow or bypass 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 "J. Kessel", is written over a horizontal line.

John Kessel
Process Supervisor, West region

JMK/Silver Heights 0514

Enclosures

cc: T. Singleton
R. Shaw
C. Roth



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0028801
No

Permittee:
Permittee Address:

SILVER HEIGHTS WQTC MSD
9418 SLAYTON CT
LOUISVILLE, KY 40229

Facility:
Facility Location:

SILVER HEIGHTS WQTC MSD
9418 SLAYTON CT
LOUISVILLE, KY 40229

Permitted Feature:

001
External Outfall

Discharge:

001-1
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 05/01/14 to 05/31/14

DMR Due Date:

06/28/14

Status:

NetDMR Validated

Considerations for Form Completion

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

Principal Executive Officer

First Name:
Last Name:

Greg
Hetizman

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			=	8	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	=	26	=	60	26 - lb/d			=	9	=	17	19 - mg/L		01/07 - Weekly	CP - COMPOS
					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	=	14	19 - mg/L		01/07 - Weekly	CP - COMPOS
					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	1	--	Sample	=	0.6	=	1	26 - lb/d			=	0.2	=	0.3	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	16.7 MO AVG	<=	25 WKLY AVG	26 - lb/d			<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	1.3	=	1.8	19 - mg/L		01/07 - Weekly	CP - COMPOS
					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	=	0.323	=	0.969	03 - MGD									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		01/01 - Daily	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								=	9	=	17	13 - #/100mL		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	=	9.7	=	14.1	26 - lb/d			=	4	=	5	19 - mg/L		01/07 - Weekly	CP - COMPOS
					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_052014.pdf	pdf	8719
Silverheights_cover_052014.pdf	pdf	16421

Report Last Saved By

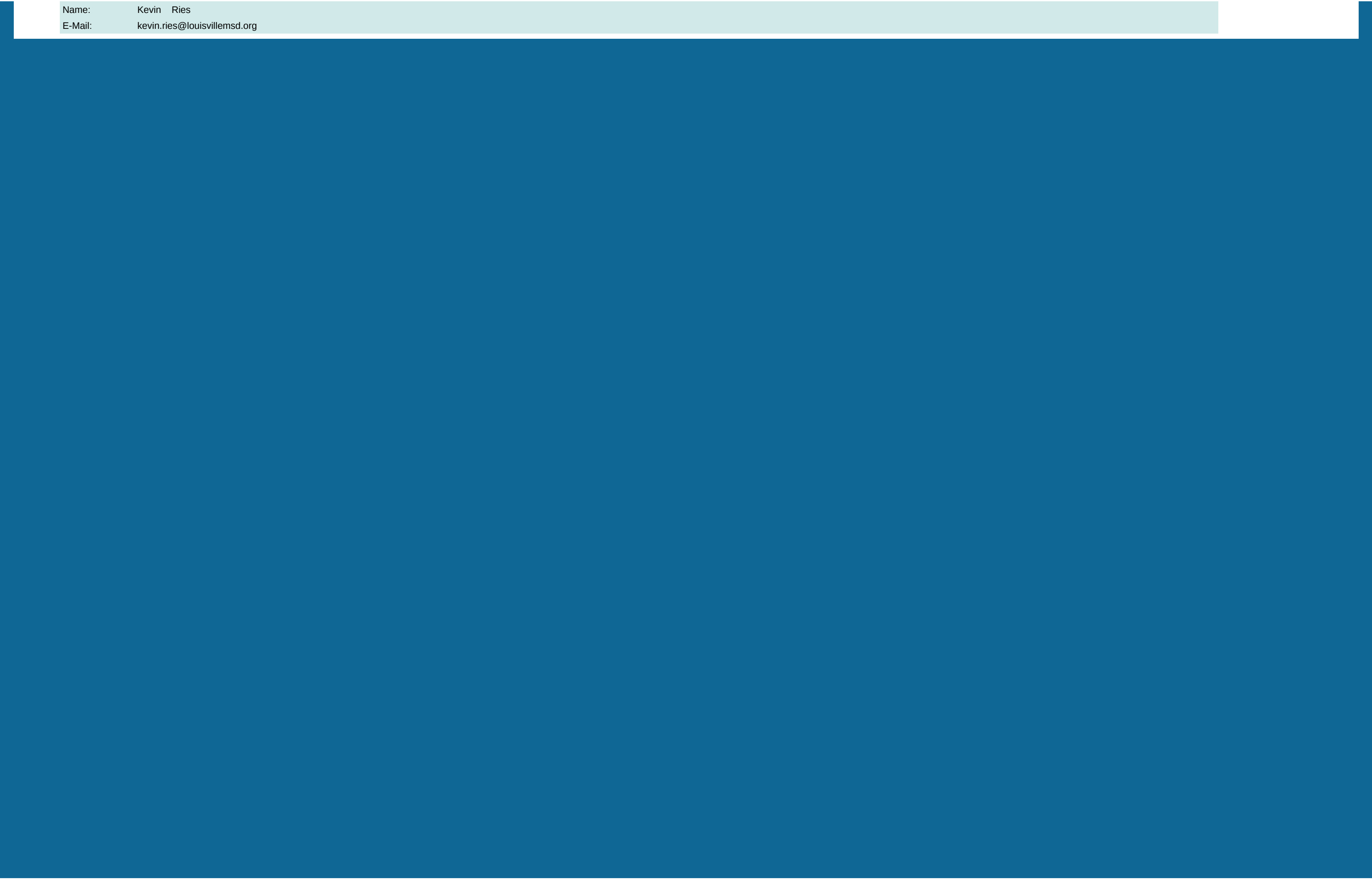
SILVER HEIGHTS WQTC MSD

User:

kevin.ries@louisvillemsd.org

Date/Time:

2014-06-23 13:20 (Time Zone: -04:00)



Silver Heights		Report for		May-14		Tot. Exc.=		0						
Tot. Flow= 10.02113				Concentrations				Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
5/1/14	0.423	17	4	0.17		59.905	14.095	0.599	0.799	7.1	7.3	0.01	9.39	
5/2/14	0.350				17					8.6	6.8	0.01		
5/3/14	0.289									8.4	7.4	0.01		
5/4/14	0.275									8	7.1	0.01		
5/5/14	0.251									8.5	7.5	0.01		
5/6/14	0.256									8.4	7.5	0.01		
5/7/14	0.223									8.2	7.3	0.01		
5/8/14	0.226	5	5	0.34		9.420	9.420	0.641	1.82	8.1	7.3	0.01	13.81	
5/9/14	0.209				5					8.2	7.3	0.01		
5/10/14	0.552									8	7.2	0.01		
5/11/14	0.406									7.7	7.3	0.01		
5/12/14	0.355									8	7.3	0.01		
5/13/14	0.260									7.5	6.5	0.01		
5/14/14	0.611									7.8	6.7	0.01		
5/15/14	0.969									7.6	6.9	0.01		
5/16/14	0.555									7.4	6.9	0.01		
5/17/14	0.409									8.4	7.3	0.01		
5/18/14	0.352	8	2	0.22		23.511	5.878	0.647	0.895	7.9	6.8	0.01	10.27	
5/19/14	0.293				16					7.9	6.8	0.01		
5/20/14	0.262									7.7	6.9	0.01		
5/21/14	0.250									7.8	7	0.01		
5/22/14	0.380	4	3	0.17		12.682	9.512	0.539	1.49	7.8	7.1	0.01	14.11	
5/23/14	0.274				4					7.1	7.3	0.01		
5/24/14	0.228									7.3	6.5	0.01		
5/25/14	0.229									7.4	7.2	0.01		
5/26/14	0.229									7.3	7.3	0.01		
5/27/14	0.207									7.1	7.1	0.01		
5/28/14	0.196									7.3	7.4	0.01		
5/29/14	0.176									7.3	6.7	0.01		
5/30/14	0.168									7.2	6.9	0.01		
5/31/14	0.157									7.7	7.1	0.01		
Average	0.323	9	4	0.2	8.59	26	9.726	0.61	1.3	7.76	7	0.01	11.90	
Maximum	0.969	17	5	0.3	17.00	60	14.095	0.6	1.8	8.60	8	0.01	14.11	
Exceed.	4	0	0	0	0	0	0	0						