



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

September 10, 2015

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

Re: MSD Metro Operations
Starview WQTC; KPDES No.: KY0031712
Discharge Monitoring Report – August 2015.

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of August 2015.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502)239-7574.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson", is written over the printed name.

Kevin Thompson
Process Supervisor Central Region

KLT/Starview 08.15

Enclosures

cc: R. Shaw
T. Singleton



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0031712
No

Permittee:
Permittee Address:

STARVIEW WQTC MSD
423 BERMUDA WAY
LOUISVILLE, KY 40243

Facility:
Facility Location:

STARVIEW WQTC MSD
423 BERMUDA WAY
LOUISVILLE, KY 40243

Permitted Feature:

001
External Outfall

Discharge:

001-1
DOMESTIC

Report Dates & Status

Monitoring Period:

From 08/01/15 to 08/31/15

DMR Due Date:

09/28/15

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

Greg
Heitzman

Title:

Executive 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	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	7 INST MIN					19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6			=	7	12 - SU	0	01/01 - Daily	GR - GRAB
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	5	=	4.6	26 - lb/d			=	12	=	12	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.	<=	25 MO AVG	<=	37.5 WKLY AVG	26 - lb/d			<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	17	=	17	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.06	=	0.06	26 - lb/d			=	0.2	=	0.2	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.	<=	3.34 MO AVG	<=	5.01 WKLY AVG	26 - lb/d			<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	2.6	=	2.6	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L		01/30 - Monthly	24 - COMP24
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.051	=	0.055	03 - MGD								0	99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD									01/30 - Monthly	IN - INSTAN
					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 MO AVG	<=	.019 WKLY AVG	19 - mg/L		01/30 - Monthly	GR - GRAB
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								<	1	=	1	13 - #/100mL	0	01/30 - Monthly	GR - GRAB
					Permit Req.								<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL		01/30 - Monthly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	1	=	0.8	26 - lb/d			=	2	=	2	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.	<=	25 MO AVG	<=	37.5 WKLY AVG	26 - lb/d			<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L		01/30 - Monthly	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
201508-_Starview_coverletter.pdf	pdf	409572
201508-_Starview_MOR.pdf	pdf	371902

Report Last Saved By

STARVIEW WQTC MSD

User:

kevin.thompson@louisvillemisd.org

Date/Time:

2015-09-22 08:39 (Time Zone: -04:00)

Starview	Report for		Aug-15		Tot. Exc.= 0									
Tot. Flow=	1.5732		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
8/1/15	0.048									7.5	6.6	0.01	17.22	
8/2/15	0.046	12	2	0.15		4.639	0.773	0.058	2.56	7.1	6	0.01		
8/3/15	0.048				1					7.6	6.5	0.01		
8/4/15	0.045									7.3	6.7	0.01		
8/5/15	0.051									7.4	6.4	0.01		
8/6/15	0.078									7.5	6.7	0.01		
8/7/15	0.069									8.1	7.2	0.01		
8/8/15	0.067									7.9	6.8	0.01		
8/9/15	0.064									7.7	6.4	0.01		
8/10/15	0.055									7.5	6.3	0.01		
8/11/15	0.049									7.6	6.7	0.01		
8/12/15	0.045									7.4	6.3	0.01		
8/13/15	0.048									7.8	6.5	0.01		
8/14/15	0.044									7.6	6.4	0.01		
8/15/15	0.047									7.8	6.5	0.01		
8/16/15	0.047									7.6	6.5	0.01		
8/17/15	0.044									7.7	6.7	0.01		
8/18/15	0.042									7.5	6.4	0.01		
8/19/15	0.048									7.3	6.5	0.01		
8/20/15	0.065									7.5	6.6	0.01		
8/21/15	0.052									7.3	6.6	0.01		
8/22/15	0.055									7.5	6.5	0.01		
8/23/15	0.057									7.7	6.5	0.01		
8/24/15	0.047									7.6	6.2	0.01		
8/25/15	0.042									7.8	6.5	0.01		
8/26/15	0.042									7.5	6.3	0.01		
8/27/15	0.043									7.3	6.4	0.01		
8/28/15	0.044									7.8	6.2	0.01		
8/29/15	0.050									7.8	6.3	0.01		
8/30/15	0.048									7.5	6.2	0.01		
8/31/15	0.045									7.7	6.5	0.01		
Average	0.051	12	2	0.2	1.00	5	0.773	0.06	2.6	7.58	6	0.01	17.22	
Maximum	0.078	12	2	0.2	1.00	5	0.773	0.1	2.6	8.10	7	0.01	17.22	
Exceed.	0	0	0	0	0	0	0	0						