



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

July 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 – June 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 June 2015.

There were no exceedences, overflow to report.

Also attached is a bypass 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", written over a white background.

Kevin Thompson
Process Supervisor Central Region

KLT/Starview 06.15

Enclosures

cc: R. Shaw
T. Singleton



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

DMR Copy of Record

Permit					
Permit #:	KY0031712	Permittee:	STARVIEW WQTC MSD	Facility:	STARVIEW WQTC MSD
Major:	No	Permittee Address:	423 BERMUDA WAY LOUISVILLE, KY 40243	Facility Location:	423 BERMUDA WAY LOUISVILLE, KY 40243
Permitted Feature:	001 External Outfall	Discharge:	001-1 DOMESTIC		

Report Dates & Status					
Monitoring Period:	From 06/01/15 to 06/30/15	DMR Due Date:	07/28/15	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

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	01/30 - Monthly	GR - GRAB	
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	8				12 - SU	0	01/01 - Daily	GR - GRAB	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM				12 - SU	0	01/30 - Monthly	GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	3	=	3.2	26 - lb/d	=	5	=	5		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	0	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	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.22	=	0.22	26 - lb/d	=	0.3	=	0.3		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	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	3	=	3		19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.092	=	0.13	03 - MGD							0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD								0	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	0	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	0	01/30 - Monthly	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	2	=	1.9	26 - lb/d	=	3	=	3		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	0	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
201506_Starview_BypassLetter.pdf	pdf	50617
2015_6_Starview_OverflowReport.pdf	pdf	69502
starview_coverletter_201506.pdf	pdf	46018
starview_MOR_201506.pdf	pdf	31248

Report Last Saved By

STARVIEW WQTC MSD

User: kevin.thompson@louisvillemsd.org

Date/Time: 2015-07-24 11:36 (Time Zone: -04:00)

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Starview	Report for		Jun-15		Tot. Exc.= 0								
Tot. Flow=	2.7468	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N
6/1/15	0.083									8.1	6.8	0.01	
6/2/15	0.077	5	3	0.34		3.221	1.933	0.219	2.97	8.1	7.1	0.01	16.81
6/3/15	0.075				1					7.8	6.9	0.01	
6/4/15	0.077									8.3	6.6	0.01	
6/5/15	0.074									8.1	6.4	0.01	
6/6/15	0.070									8.1	6.6	0.01	
6/7/15	0.071									7.8	6.4	0.01	
6/8/15	0.078									7.8	6.6	0.01	
6/9/15	0.072									7.6	6.9	0.01	
6/10/15	0.068									7.5	6.7	0.01	
6/11/15	0.067									7.3	6.6	0.01	
6/12/15	0.066									7.5	6.6	0.01	
6/13/15	0.073									7.4	7.2	0.01	
6/14/15	0.071									7.6	6.9	0.01	
6/15/15	0.069									7.2	7.1	0.01	
6/16/15	0.075									7	6.8	0.01	
6/17/15	0.095									7	6.8	0.01	
6/18/15	0.125									7.2	6.9	0.01	
6/19/15	0.143									7.3	7.1	0.01	
6/20/15	0.237									7	7.4	0.01	
6/21/15	0.165									7.2	7.2	0.01	
6/22/15	0.136									7.2	7.1	0.01	
6/23/15	0.109									7.8	7.1	0.01	
6/24/15	0.081									7.9	6.8	0.01	
6/25/15	0.053									7.7	6.6	0.01	
6/26/15	0.085									7.5	6.9	0.01	
6/27/15	0.113									7.3	7	0.01	
6/28/15	0.077									8.4	7.5	0.01	
6/29/15	0.078									8.2	7.4	0.01	
6/30/15	0.086									8.4	7.6	0.01	
7/1/15													
Average	0.092	5	3	0.3	1.00	3	1.933	0.22	3.0	7.64	7	0.01	16.81
Maximum	0.237	5	3	0.3	1.00	3	1.933	0.2	3.0	8.40	8	0.01	16.81
Exceed.	7	0	0	0	0	0	0	0					



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Louisville Kentucky 40203-1911
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July 1, 2015

Mr. Charlie Roth, District Supervisor
KY Division of Water
Louisville Regional Office
9116 Leesgate Road
Louisville, KY 40222-5084

Re: Bypass Report for the: Starview WQTC- KPDES Permit: KY0031712

Dear Mr. Roth:


This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 AM on June 30, 2015, referencing Work Order 2379495 as a bypass. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: During a plant power outage, the portable generator at the facility failed to start. Approximately 665 gallons overflowed from the influent we well and bypassed all treatment processes.
- Period of noncompliance: Starting 04:29 PM on June 29, 2015 and stopping 05:54 PM on June 29, 2015.
- Steps taken or planned to reduce, eliminate and prevent recurrence: MSD personnel installed an alternate portable generator.
- Additional comments: Plant is to be eliminated in 2015. MSD personnel will repair the generator that failed to start.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7574, my cell phone at (502)-475-2224 or via email at kevin.thompson@louisvillemsd.org.

Sincerely,


Kevin Thompson
Process Supervisor-Operations

cc: Courtney Seitz, KDEP
Paula Purifoy, MSD
eB File





Report Selections: Period: 06/01/2015 00:00 thru 06/30/2015 23:59, treatment Plant: MSD0247 STARVIEW, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0031712	MSD0247	STARVIEW	CHENOWETH RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0247	423 BERMUDA WAY		CHENOWETH RUN	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
: DISREV: RAIN EVENT DISCHARGE	2379495		06/29/2015	GREEN	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	06/29/2015	BYPASS AT WQTC	UNAUTHORIZED DISCHAGE - WATERS	06/29/15 05:54 PM	

Discharge Reporting:

Discharge Amount:	665 GAL
Cause:	LG&E POWER FAIL
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	INSTALLED GENERATOR UNTIL POWER RESTORED
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

Notifications:

6/27/15 1:00 am	DISSNO	SUPPLEMENTAL EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE HAS BEEN SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'
6/27/15 1:00 am	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO 'DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV'

Total Facilities Printed: 1

Total Work Orders Printed: 1