



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

May 12, 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 – April 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 April 2015.

There were no exceedances or bypasses to report.

Also attached are overflow reports.

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

Sincerely,



Kevin Thompson
Process Supervisor Central Region

KLT/Starview 04.15

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 04/01/15 to 04/30/15	DMR Due Date:	05/28/15	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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	7				=	7				19 - mg/L	27/30 - 27 Per Month	GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L	01/30 - Monthly	GR - GRAB	
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	8			12 - SU	27/30 - 27 Per Month	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	=	10	=	10.1	26 - lb/d	=	14	=	14	19 - mg/L	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	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	2	--	Sample	=	0.51	=	0.5	26 - lb/d	=	0.7	=	0.7	19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Permit Req.	<=	8.34 MO AVG	<=	12.5 WKLY AVG	26 - lb/d	<=	10 MO AVG	<=	15 WKLY AVG	19 - mg/L	01/30 - Monthly	24 - COMP24	
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	2.7	=	2.7	19 - mg/L	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	=	0.158	=	0.205	03 - MGD						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	27/30 - 27 Per Month	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	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, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2	=	2	26 - lb/d	=	3	=	3	19 - mg/L	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
201504_Starview_overflowreports.pdf	pdf	227853
201504_Starview_coverletter.pdf	pdf	46547
201504_Starview_MOR.pdf	pdf	30117

Report Last Saved By
STARVIEW WQTC MSD

User: kevin.thompson@louisvillemsd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemsd.org

Date/Time: 2015-05-22 14:04 (Time Zone: -04:00)

Starview

Tot. Flow= 4.74283		Report for Apr-15		Tot. Exc.= 0		Concentrations		Pounds		NH3		Tot. Phos.		D.O.		p.H.		TRC		Tot. N	
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N								
4/1/15	0.087	14	3	0.7		10.143	2.173	0.507	2.74	7.2	6.8	0.01	16.91								
4/2/15	0.145				1					7.2	6.6	0.01									
4/3/15	0.036																				
4/4/15	0.336																				
4/5/15	0.259																				
4/6/15	0.194									7.5	6.7	0.01									
4/7/15	0.208									8.3	7.5	0.01									
4/8/15	0.234									8	7.1	0.01									
4/9/15	0.260									7.4	7	0.01									
4/10/15	0.227									7.5	7.1	0.01									
4/11/15	0.178									7.4	6.6	0.01									
4/12/15	0.157									7.4	6.9	0.01									
4/13/15	0.157									7.4	6.9	0.01									
4/14/15	0.221									7.3	7.1	0.01									
4/15/15	0.184									7.4	7.4	0.01									
4/16/15	0.150									7.6	7.8	0.01									
4/17/15	0.132									7.6	8.2	0.01									
4/18/15	0.122									8.2	7.1	0.01									
4/19/15	0.164									8.4	7.1	0.01									
4/20/15	0.194									8.6	7.4	0.01									
4/21/15	0.154									7.4	6.7	0.01									
4/22/15	0.130									7	6.7	0.01									
4/23/15	0.118									8.6	7.7	0.01									
4/24/15	0.106									8.8	7.4	0.01									
4/25/15	0.108									8.5	7.5	0.01									
4/26/15	0.104									8.6	7.3	0.01									
4/27/15	0.107									8.6	6.8	0.01									
4/28/15	0.095									8.5	6.8	0.01									
4/29/15	0.092									9.1	7.1	0.01									
4/30/15	0.084									8.8	7	0.01									
										8.6	7	0.01									
Average	0.158	14	3	0.7	1.00	10	2.173	0.51	2.7	7.98	7	0.01	16.91								
Maximum	0.336	14	3	0.7	1.00	10	2.173	0.5	2.7	9.10	8	0.01	16.91								
Exceed.	25	0	0	0	0	0	0	0	0												



Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, 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
SMH Sewer Manhole	31122	423 BERMUDA WAY		CHENOWETH RUN	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	2347483		4/26/15 10:10 am	SMITH	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	04/26/2015	GREASE BLOCKAGE	UNAUTHORIZED DISCHARGE - WATERS	04/26/15 11:30 AM	

Discharge Reporting:

Discharge Amount:	200 GAL
Cause:	Rag and grease blockage causing discharge at manhole rate 2.5 gpm reported
Clean Up:	MSD cleaned and sanitized area
Control Zone:	temporary signs and permanent signs posted
Impact:	sewage observed
Repair:	investigating cause of blockage
Public Notification:	signs used to warn public

Notifications:

4/26/15 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
-----------------	--------	---



Initiated Apr 01, 2015 12:00 AM thru Apr 30, 2015 11:59 PM

Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, 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
SMH Sewer Manhole	31123	423 BERMUDA WAY		CHENOWETH RUN,UPPER	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW:DRY WEATHER DISCHARGE	2347484		4/26/15 10:12 am	SMITH	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	04/26/2015	GREASE BLOCKAGE	UNAUTHORIZED DISCHAGE - WATERS	04/26/15 11:30 AM	

Discharge Reporting:

Discharge Amount:	195 GAL
Cause:	Rag and grease blockage causing discharge at manhole rate 2.5 gpm reported
Clean Up:	MSD cleaned and sanitized area
Control Zone:	temporary signs and permanent signs posted
Impact:	sewage observed
Repair:	investigating cause of blockage
Public Notification:	signs used to warn public

Notifications:

4/26/15 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
-----------------	--------	---



Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, 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
SMH Sewer Manhole	31124	423 BERMUDA WAY		CHENOWETH RUN, UPPER	GROUND

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Ref No</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	2347485		4/26/15 10:45 am	SMITH	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	04/26/2015	GREASE BLOCKAGE	UNAUTHORIZED DISCHAGE - WATERS	04/26/15 11:30 AM	

Discharge Reporting:

Discharge Amount:	1,125 GAL
Cause:	Rag and grease blockage causing discharge at manhole rate 2.5 gpm reported
Clean Up:	MSD cleaned and sanitized area
Control Zone:	temporary signs and permanent signs posted
Impact:	sewage observed
Repair:	investigating cause of blockage
Public Notification:	signs used to warn public

Notifications:

4/26/15 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
-----------------	--------	---