



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

November 7, 2014

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

**Re: MSD Metro Operations  
Starview WQTC; KPDES No.: KY0031712  
Discharge Monitoring Report – October 2014.**

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 October 2014.

There were no exceedences or bypasses to report.

Also attached is an overflow 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 a horizontal line.

Kevin Thompson  
Process Supervisor Central Region

KL/Starview 10.14

Enclosures

cc: R. Shaw  
T. Singleton



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

**DMR Copy of Record**

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

<b>Report Dates &amp; Status</b>					
<b>Monitoring Period:</b>	<b>From 10/01/14 to 10/31/14</b>	<b>DMR Due Date:</b>	<b>11/28/14</b>	<b>Status:</b>	<b>NetDMR Validated</b>

<b>Considerations for Form Completion</b>					
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<b>Principal Executive Officer</b>					
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Heitzman				

<b>No Data Indicator (NODI)</b>					
<b>Form NODI:</b>	--				

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					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	=	4	=	3.6	26 - lb/d		=	7	=	7	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						=	23.81	=	23.81	19 - mg/L	0	01/30 - Monthly	CP - COMPOS		
					Permit Req.															
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.14	=	0.14	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	=	3.3	19 - mg/L	0	01/30 - Monthly	CP - COMPOS		
					Permit Req.															
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.083	=	0.107	03 - MGD							0	99/99 - Continuous	CN - CONTIN	
					Permit Req.															
					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.															
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	6	=	6	13 - #/100mL	0	01/30 - Monthly	GR - GRAB		
					Permit Req.															
					Value NODI															
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2	=	1.6	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**

<b>Attachments</b>		
Name	Type	Size
201410_Starview_coverletter.pdf	pdf	17214
201410_Starview_MOR.pdf	pdf	9240
201410_STARVIEWWQTC_OverflowReport.pdf	pdf	76816

**Report Last Saved By**  
STARVIEW WQTC MSD

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

Date/Time: 2014-11-25 10:21 (Time Zone: -05:00)

Starview	Report for		Oct-14		Tot. Exc.= 0									
Tot. Flow=	2.58587		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
10/1/14	0.062	7	3	0.28		3.621	1.552	0.145	3.32	7.3	6.9	0.01	23.81	
10/2/14	0.062				6					7.5	6.7	0.01		
10/3/14	0.069									7.2	7	0.01		
10/4/14	0.071									7.6	7.1	0.01		
10/5/14	0.062									8.1	6.8	0.01		
10/6/14	0.069									8.3	6.7	0.01		
10/7/14	0.072									8.5	7	0.01		
10/8/14	0.068									8.4	7.1	0.01		
10/9/14	0.059									8.5	7.4	0.01		
10/10/14	0.107									8.2	7.2	0.01		
10/11/14	0.105									8.7	7.6	0.01		
10/12/14	0.088									8.4	7.4	0.01		
10/13/14	0.100									8.4	7.6	0.01		
10/14/14	0.206									8.5	7.6	0.01		
10/15/14	0.145									7.8	7.7	0.01		
10/16/14	0.131									7.5	7.4	0.01		
10/17/14	0.096									7.6	7.2	0.01		
10/18/14	0.087									7.4	7.3	0.01		
10/19/14	0.075									7.2	6.9	0.01		
10/20/14	0.075									7.3	7.1	0.01		
10/21/14	0.141									7.1	6.8	0.01		
10/22/14	0.059									7.2	6.4	0.01		
10/23/14	0.064									7.4	6.4	0.01		
10/24/14	0.072									7.5	6.5	0.01		
10/25/14	0.070									7.3	6.3	0.01		
10/26/14	0.072									7.1	6.1	0.01		
10/27/14	0.068									7.2	6.3	0.01		
10/28/14	0.057									7.4	6.2	0.01		
10/29/14	0.063									7.4	6.6	0.01		
10/30/14	0.055									8	7.1	0.01		
10/31/14	0.054									7.8	7.2	0.01		
Average	0.083	7	3	0.3	6.00	4	1.552	0.14	3.3	7.74	7	0.01	23.81	
Maximum	0.206	7	3	0.3	6.00	4	1.552	0.1	3.3	8.70	8	0.01	23.81	
Exceed.	7	0	0	0	0	0	0	0						

Report Selections: Period: 10/01/2014 00:00 thru 10/31/2014 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
SMH Sewer Manhole	31122	423 BERMUDA WAY		CHENOWETH RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2255431		10/24/14 9:15 am	GREEN	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	10/24/2014	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHAGE - WATERS	10/24/14 10:22 AM	

**Discharge Reporting:**

Discharge Amount:	1,675 GAL
Cause:	GREASE BLOCKAGE
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	PERSONAL HYGIENE, DEBRIS & SEWAGE OBSERVED
Repair:	MSD FLUSHED THE LINE, FLUSH WO# 2255757
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

10/25/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 10/01/2014 00:00 thru 10/31/2014 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
SMH Sewer Manhole	31123	423 BERMUDA WAY		CHENOWETH RUN,UPPER	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2255536		10/24/14 9:15 am	GREEN	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	10/24/2014	GREASE BLOCKAGE	UNAUTHORIZED DISCHAGE - WATERS	10/24/14 10:22 AM	

**Discharge Reporting:**

Discharge Amount:	1,675 GAL
Cause:	GREASE BLOCKAGE
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	PERSONAL HYGIENE PRODUCTS, DEBRIS & SEWAGE OBERVED ON THE GROUND
Repair:	MSD FLUSHED THE LINE, FLUSH WO# 2255757
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

10/25/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 10/01/2014 00:00 thru 10/31/2014 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
SMH Sewer Manhole	31124	423 BERMUDA WAY		CHENOWETH RUN,UPPER	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2255540		10/24/14 9:15 am	GREEN	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	10/24/2014	GREASE BLOCKAGE	UNAUTHORIZED DISCHAGE - WATERS	10/24/14 10:22 AM	

**Discharge Reporting:**

Discharge Amount:	1,675 GAL
Cause:	GREASE BLOCKAGE
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	PERSONAL HYGIENE PRODUCTS, DEBRIS & SEWAGE OBSERVED ON THE GROUND
Repair:	MSD FLUSHED THE LINE, FLUSH WO# 2255757
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

10/25/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Total Facilities Printed: 3

Total Work Orders Printed: 3