

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



DMR Copy of Record Permit STARVIEW WQTC MSD Facility: STARVIEW WQTC MSD Permit #: KY0031712 Permittee: No **Facility Location:** Major: Permittee Address: 423 BERMUDA WAY 423 BERMUDA WAY LOUISVILLE, KY 40243 LOUISVILLE, KY 40243 001 Discharge: **Permitted Feature:** 001-1 External Outfall DOMESTIC Report Dates & Status **DMR Due Date: Monitoring Period:** From 04/01/15 to 04/30/15 05/28/15 Status: **NetDMR Validated Considerations for Form Completion Principal Executive Officer** First Name: Greg Title: Telephone: 502-540-6000 **Executive Director** Last Name: Heitzman No Data Indicator (NODI) Form NODI: Monitoring Location Season # Param. NODI Parameter **Quantity or Loading Quality or Concentration** # of Ex. Frequency of Analysis Sample Type Qualifier 1 Value 1 Qualifier 2 Units Qualifier 1 Value 1 Qualifier 2 Qualifier 3 Units Value 2 Value 2 Sample 19 - mg/L 27/30 - 27 Per Month GR - GRAB 1 - Effluent Gross 00300 Oxygen, dissolved [DO] 01/30 - Monthly GR - GRAB Permit Rea 7 INST MIN 19 - mg/L Value NODI 12 - SU 27/30 - 27 Per Month GR - GRAB Sample 00400 pH 1 - Effluent Gross Permit Reg. 6 MINIMUM 9 MAXIMUM 12 - SU 0 01/30 - Monthly GR - GRAB <= Value NODI CP - COMPOS Sample 10 10.1 26 - lb/d 14 19 - mg/L 01/30 - Monthly 00530 Solids, total suspended 1 - Effluent Gross 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 CP - COMPOS Sample 17 17 19 - mg/L 01/30 - Monthly 24 - COMP24 00600 Nitrogen, total [as N] Reg Mon WKLY AVG 19 - mg/L 1 - Effluent Gross Permit Req. Reg Mon MO AVG 01/30 - Monthly Value NODI 0.51 0.5 26 - lb/d 0.7 0.7 01/30 - Monthly CP - COMPOS Sample 19 - mg/L 12.5 WKLY AVG 00610 Nitrogen, ammonia total [as N] 1 - Effluent Gross 8.34 MO AVG 26 - Ib/d 10 MO AVG 15 WKLY AVG 01/30 - Monthly 24 - COMP24 Permit Reg. <= 19 - mg/L <= 0 Value NODI Sample 2.7 2.7 19 - mg/L 01/30 - Monthly CP - COMPOS 00665 Phosphorus, total [as P] 1 - Effluent Gross Permit Reg. Reg Mon MO AVG Reg Mon WKLY AVG 19 - mg/L 01/30 - Monthly 24 - COMP24 Value NODI Sample 0.158 0.205 03 - MGD 99/99 - Continuous CN - CONTIN

Req Mon WKLY AVG 03 - MGD

37.5 WKLY AVG

26 - Ib/d

26 - Ib/d

0.01

<=

<=

.011 MO AVG

130 30DA GEO

30 MO AVG

0.01

.019 WKLY AVG

240 7 DA GEO

45 WKLY AVG

<=

<=

19 - mg/L

19 - mg/L

13 - #/100mL

19 - mg/L

19 - mg/L

13 - #/100mL 0

01/30 - Monthly

27/30 - 27 Per Month

IN - INSTAN

GR - GRAB

GR - GRAB

GR - GRAB

GR - GRAB

CP - COMPOS

24 - COMP24

Submission Note

50060 Chlorine, total residual

80082 BOD, carbonaceous, 05 day, 20 C

50050 Flow, in conduit or thru treatment plant 1 - Effluent Gross

1 - Effluent Gross

1 - Effluent Gross

1 - Effluent Gross 0

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.

Req Mon MO AVG

25 MO AVG

Permit Req.

Value NODI

Sample

Permit Req.

Value NODI Sample

Permit Rea.

Value NODI

Sample

Value NODI

Permit Req. <=

Edit Check Errors

No errors.

51040 E. coli

Comments

Attachments

Attuoninento			
	Name	Туре	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 Da

Kevin Thompson

Name:

E-Mail: kevin.thompson@louisvillemsd.org

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

Starview Tot. Flow=	F 4.74283	Report for	Apr-15		Tot. Exc.= 0								1
Date	4.74263 Flow	TCC	Concentr		<u>.</u>		Pounds						
4/1/15	0.087	TSS	BOD	NH3	Ecoli	TSS	BOD		ot. Phos.	D.O.	p.H.	TRC	Tot. N
4/1/15		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	
	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									7.3	7.1	0.01	
4/14/15	0.221									7.4	7.4	0.01	į
4/15/15	0.184									7.6	7.8	0.01	
4/16/15	0.150									7.6	8.2	0.01]
4/17/15	0.132									8.2	7.1	0.01	
4/18/15	0.122									8.4	7.1	0.01	
4/19/15	0.164									8.6	7.4	0.01	
4/20/15	0.194									7.4	6.7	0.01	
4/21/15	0.154									7	6.7	0.01	
4/22/15	0.130									8.6	7.7	0.01	
4/23/15	0.118									8.8	7.4	0.01	İ
4/24/15	0.106									8.5	7.5	0.01	
4/25/15	0.108									8.6	7.3	0.01	1
4/26/15	0.104									8.6	6.8	0.01	ĺ
4/27/15	0.107									8.5	6.8	0.01	
4/28/15	0.095									9.1	7.1	0.01	
4/29/15	0.092									8.8	7.1	0.01	ļ
4/30/15	0.084									8.6			
	·									0.0	7	0.01	
Average	0.158	14	3	0.7	1.00	10	2.173	0.51	2.7	7.98	7		40.01
Maximum	0.336	14	3	0.7	1.00	10	2.173	0.51	2.7 2.7	7.98 9.10	7	0.01	16.91
Exceed.	25	0	0	0	0	0	2.173	0.5	2.1	9.10	8	0.01	16.91
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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

KADE2 #	Facility ID	Water Quality Treaten	nent 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	Marie Control of the
SMH Sewer Manhole	31122	423 BERMUDA WAY		CHENOWETH RUN	GROUND	
Activity Code / Description	WO # Ref No	Initiated Initiated By Assigned To	<u> Disch Status</u> <u>Event Date</u> <u>Problem</u>	Result	Completed Condition	and the same of

RESOLVED

<u>Problem</u> <u>Result</u> Completed DISDW:DRY WEATHER 2347483 4/26/15 SMITH **OPS BSHIFT** REPAIRED -04/26/2015 GREASE UNAUTHORIZED 04/26/15 11:30 DISCHARGE 10:10 am CENTRAL ISSUE **BLOCKAGE** DISCHAGE - WATERS AM

Discharge Reporting:

$g^{(\alpha_1,\alpha_2,\alpha_3,\alpha_4,\alpha_5,\alpha_5,\alpha_5,\alpha_5,\alpha_5,\alpha_5,\alpha_5,\alpha_5,\alpha_5,\alpha_5$	
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:

	Commence of the commence of th		
4/26/15 1:00 pm	D10110=		·
4/20/13 1.00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'	
$\sum_{i=1}^n x_i = x_i + $	(The state of the	District Services State	

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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 Treatement Center	Receiving Stream of Treatment Center	Region
KY0031712	MSD0247	STARVIEW	CHENOWETH RUN	CENT

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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
gravings on experiment their meaning transmission of the control o	or extensive and the contract of the contract		Mahamanan and Analas a		

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

grands are a some properties of the contraction of		
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	
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Notifications:

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4/26/15 1:00 pm	DISNOT		evidentens
,, <u>20, 10</u> , 100 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'	
And the state of t	ويتعربها فالمراكب المراجع والمتاهي والمتمون المهول المتهول والمتعارض والمتمال المتعارض والمتعارض	*A-MAINTAN TO THE PROPERTY AND THE PROPERTY OF	

5/22/2015



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 Treatement Center	Receiving Stream of Treatment Center	Region
KY0031712		MSD0247	STARVIEW	CHENOWETH RUN	CENT

The control of the co		$-\frac{1}{2}\left(\frac{1}{2}\right)\right)\right)}{\frac{1}{2}\right)}\right)}{\frac{1}{2}}}\right)}\right)}}\right)}}\right)}}\right)}}\right)}}}}}}}$			en som från fra krister om fra kriste fra til som kriste från en peligengen perpenser opprænse opprænse oppræn
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 DISDW:DRY WEATHER DISCHARGE	<u>WO #</u> 2347485	Ref No	Initiated 4/26/15 10:45 am	Initiated By SMITH	Assigned To OPS BSHIFT CENTRAL	<u>Disch Status</u> REPAIRED - ISSUE RESOLVED	Event Date 04/26/2015	<u>Problem</u> GREASE BLOCKAGE	Result UNAUTHORIZED DISCHAGE - WATERS	Completed 04/26/15 11:30 AM	<u>Condition</u>
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Discharge Reporting:

A CONTRACTOR OF THE PROPERTY O	
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:

$\frac{1}{1+(1+(1+(1+(1+(1+(1+(1+(1+(1+(1+(1+(1+(1$			
4/26/15 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'	and the second second second
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