



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

December 15, 2014

Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Ken Carla WQTC; KPDES No.: KY 0022497
Discharge Monitoring Reports for November 2014.**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Ken Carla WQTC; KPDES No.: KY0022497 for the month of November 2014.

Also attached is an overflow report and bypass letter.

There were no exceedances to report for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor, East Region

DVW/Ken Carla 11/14.

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit			
Permit #:	KY0022497	Permittee:	KEN CARLA WQTC MSD
Major:	No	Permittee Address:	8701 LYNNHALL CT LOUISVILLE, KY 40059
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	KEN CARLA WQTC MSD 8701 LYNNHALL CT LOUISVILLE, KY 40059

Report Dates & Status			
Monitoring Period:	From 11/01/14 to 11/30/14	DMR Due Date:	12/28/14
Status:	NetDMR Validated		

Principal Executive Officer			
First Name:	Greg	Title:	Exec. Dir.
Last Name:	Heitzman	Telephone:	502-540-6000

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					19 - mg/L	29/30 - 29 Per Month	GR - GRAB		
					Permit Req.						>=	2 INST MIN						19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Value NODI																
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample	=	0.09	=	0.09	26 - lb/d		=	5	=	5		19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.	<=	2.5 MO AVG	<=	3.75 WKLY AVG	26 - lb/d		<=	30 MO AVG	<=	45 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample						=	7			=	7		12 - SU	29/30 - 29 Per Month	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	=	0.3	=	0.59	26 - lb/d		=	19	=	35		19 - mg/L	02/30 - Twice Per Month	CP - COMPOS		
					Permit Req.	<=	2.5 MO AVG	<=	3.75 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						=	13	=	13		19 - mg/L	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	0	--	Sample	=	0.03	=	0.03	26 - lb/d		=	2	=	2		19 - mg/L	01/30 - Monthly	CP - COMPOS		
					Permit Req.	<=	1.67 MO AVG	<=	2.5 WKLY AVG	26 - lb/d		<=	20 MO AVG	<=	30 WKLY AVG		19 - mg/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	0.9	=	0.9		19 - mg/L	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	=	0.003	=	0.003	03 - MGD								99/99 - Continuous	IN - INSTAN		
					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	29/30 - 29 Per Month	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						=	21	=	21		13 - #/100mL	03/30 - Three Per Month	GR - GRAB			
					Permit Req.						<=	130 30DA AVG	<=	240 7 DA GEO		13 - #/100mL	0	01/30 - Monthly	GR - GRAB		
					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
KENCARLA11062014_BYPASSLTR.pdf	pdf	18580
KENCARLA112014_COVER.pdf	pdf	17441
201411_KenCarlaWQTC_OverflowReport.pdf	pdf	72444
KENCARLA112014_MOR.pdf	pdf	23060

Report Last Saved By

KEN CARLA WQTC MSD

User: kevin.ries@louisvillemsd.org

Date/Time:

2014-12-17 10:38 (Time Zone: -05:00)

Name: Kevin Ries

E-Mail: kevin.ries@louisvillemsd.org

Ken Carla		Report for		Nov-14		Tot. Exc.=		0					
Tot. Flow= 0.082243				Concentrations				Pounds					
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
11/1/14	0.002									8.4	6.6	0.01	
11/2/14	0.002									8.4	6.7	0.01	
11/3/14	0.002	35	5	2		0.595	0.085	0.034	0.914	8.6	7.4	0.01	13.11
11/4/14	0.003				489					8.3	7.4	0.01	
11/5/14	0.004									8	7.2	0.01	
11/6/14	0.002				2					7.2	7.2	0.01	
11/7/14	0.002				9					8.3	7.1	0.01	
11/8/14	0.002									7.5	7.1	0.01	
11/9/14	0.002									8	7.3	0.01	
11/10/14	0.004	2				0.069				8.6	7.4	0.01	
11/11/14	0.005									8	7.2	0.01	
11/12/14	0.005									8.4	7.2	0.01	
11/13/14	0.003									8.6	7.2	0.01	
11/14/14	0.002									8.5	7.2	0.01	
11/15/14	0.002									8.8	7.2	0.01	
11/16/14	0.003									8.6	7.2	0.01	
11/17/14	0.003									8.3	7.4	0.01	
11/18/14	0.002									8.4	7.3	0.01	
11/19/14	0.003									8.6	7.3	0.01	
11/20/14	0.003									8.8	7.3	0.01	
11/21/14	0.002									8.9	7.3	0.01	
11/22/14	0.003									7.5	7	0.01	
11/23/14	0.005									8	7	0.01	
11/24/14	0.004									7.7	7.2	0.01	
11/25/14	0.003									8	7.1	0.01	
11/26/14	0.001									7.6	7	0.01	
11/27/14	0.001											0.01	
11/28/14	0.002									7.5	7	0.01	
11/29/14	0.003									7.3	7.2	0.01	
11/30/14	0.003									7.4	7.2	0.01	
12/1/14													
Average	0.003	19	5	2	20.65	0	0.085	0.03	0.9	8.14	7	0.01	13.11
Maximum	0.005	35	5	2.0	489.00	1	0.085	0.0	0.9	8.90	7	0.01	13.11
Exceed.	0	0	0	0	0	0	0	0					



700 West Liberty Street
Louisville Kentucky 40203-1911
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November 7, 2014

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

Re: Bypass Report for the: Ken Carla WQTC- KPDES Permit: KY0022497

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on November 06, 2014, referencing Work Order 2263290 as a wet weather discharge. 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: The chlorine contact tank developed a hole and fully treated wastewater leaked out onto the ground. Approximately 34 gallons of fully treated wastewater leaked. Total flow for the day was 1,887 gallons.
- Period of noncompliance: Starting 08:44 AM on November 06, 2014 and stopping 09:51 AM on November 06, 2014.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Chlorine contact tank was pumped down and contractor repaired hole in concrete.
- Additional comments: This plant is to be eliminated in 2015.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-587-5856, my cell phone at (502)-396-9142 or via email at duane.wright@louisvillemsd.org.

Sincerely,

Duane V. Wright
Process Supervisor-Operations

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





Report Selections: Period: 11/01/2014 00:00 thru 11/30/2014 23:59, treatment Plant: MSD0208 KEN CARLA, 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
KY0022497	MSD0208	KEN CARLA	HARRODS CREEK	EAST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0208	8701 LYNNHALL CT		HARRODS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2263290		11/6/14 8:44 am	SINGLETON	OPS BSHIFT EAST	REPAIRED - ISSUE RESOLVED	11/06/2014	BYPASS AT WQTC	UNAUTHORIZED DISCHAGE - WATERS	11/06/14 09:51 AM	

Discharge Reporting:

Discharge Amount:	34 GAL
Cause:	LEAKING OUT OF CHLORINE CONTACT TANK
Clean Up:	LIME WAS SPREAD; NO DEBRIS OBSERVED
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO VISUAL IMPACT OBSERVED
Repair:	CONTRACTOR REPAIRED TANK
Public Notification:	TEMPORARY SIGNS POSTED AROUND AFFECTED AREA

Notifications:

11/6/14 1:01 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
11/5/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Total Facilities Printed: 1

Total Work Orders Printed: 1