



*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)*

July 15, 2014

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

**Re: MSD Metro Operations  
McNeely Lake WQTC; KPDES No.: KY0029416  
Discharge Monitoring Reports –June 2014.**

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the McNeely Lake WQTC, KPDES No.: KY0029416 for the month of June 2014.

Also attached are a bypass letter and overflow report.

There were no exceedances.

If you have any questions concerning the attached DMRs, please contact me at (502) 540-6031.

Sincerely,

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

Duane V. Wright  
Process Supervisor, Central region

JMK/McNeely Lake 06.14

Enclosures

cc: T. Singleton  
R. Shaw



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

DMR Copy of Record

Permit

Permit #:

KY0029416

Major:

No

Permittee:

MCNEELY LAKE WQTC MSD

Permittee Address:

10300 ROD N REEL RD  
LOUISVILLE, KY 40229

Facility:

MCNEELY LAKE WQTC MSD

Facility Location:

10300 ROD N REEL RD  
LOUISVILLE, KY 40229

Permitted Feature:

001  
External Outfall

Discharge:

001-1  
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 06/01/14 to 06/30/14

DMR Due Date:

07/28/14

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

Greg

Last Name:

Heitzman

Title:

Exec. Dir.

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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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
McNeely06162014_bypass.pdf	pdf	20806
McNeely06162014_COVER.pdf	pdf	17333
McNeely06162014_MOR.pdf	pdf	24343
201406_McNeely_OverflowReport.pdf	pdf	72904

Report Last Saved By



McNeely Lake		Report for		Jun-14		Tot. Exc.=		0							
Tot. Flow=		1.92623		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N		
6/1/14	0.077	18	7	2.4		11.573	4.501	1.543	6.68	7.3	6.5	0.01	44.71		
6/2/14	0.072				1					7.6	6.2	0.01			
6/3/14	0.067									7.5	6.4	0.01			
6/4/14	0.074									7.9	6.2	0.01			
6/5/14	0.051									7.9	6	0.01			
6/6/14	0.051									7.6		0.01			
6/7/14	0.036									7.8	6	0.01			
6/8/14	0.026	6	5	0.9		1.309	1.091	0.196	5.19	8.6		0.01	39.01		
6/9/14	0.021				1					8		0.01			
6/10/14	0.040											0.01			
6/11/14	0.073									8.5	6.3	0.01			
6/12/14	0.072									8.1	6.1	0.01			
6/13/14	0.069									8.4	6.2	0.01			
6/14/14	0.068									8	6.1	0.01			
6/15/14	0.070									8	6	0.01			
6/16/14	0.070											0.01			
6/17/14	0.068	13	7	1.7		7.424	3.997	0.971	4.5	7	6.1	0.01	38.41		
6/18/14	0.066				1					7.2	6.2	0.01			
6/19/14	0.062									8		0.01			
6/20/14	0.046									8.3		0.01			
6/21/14	0.081									7.1	6	0.01			
6/22/14	0.079	27	6	0.45		17.695	3.932	0.295	5.19	7.4	6	0.01	38.81		
6/23/14	0.073				1							0.01			
6/24/14	0.064									7.1	6	0.01			
6/25/14	0.065									7.6	6.4	0.01			
6/26/14	0.067									7.6	6	0.01			
6/27/14	0.073									7.6	6	0.01			
6/28/14	0.091									7	6.6	0.01			
6/29/14	0.086									8	6.1	0.01			
6/30/14	0.070									7.9	6.1	0.01			
7/1/14															
Average	0.064	16	6	1	1.00	9.5	3.380	0.75	5.4	7.74	6	0.01	40.24		
Maximum	0.091	27	7	2.4	1.00	17.7	4.501	1.5	6.7	8.60	7	0.01	44.71		
Exceed.	0	0	0	0	0	0	0	0							



700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
www.msdlouky.org

June 16, 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: McNeely Lake WQTC- KPDES Permit: - KY0029416**

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on June 16, 2014, referencing Work Order 2181192 as a dry 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: MSD Operator found CL2 & SO2 tank valves were not opened after tanks were changed. Tank valve issue was found at 7:10 am and valves were opened immediately. We had a pre effluent CL2 residual at 7:35 am. Wastewater received full preliminary and secondary treatment, but did not received disinfection. Approximately 1,359 gallons of treated sewage reached the waters of the U.S.
- Period of noncompliance: Starting 07:10 AM on June 16, 2014 and stopping 07:35 AM on June 16, 2014.
- Steps taken or planned to reduce, eliminate and prevent recurrence: MSD is in the process of investigating this bypass with the parties involved to identify to cause. Pending results of the investigation, MSD may intensify training efforts with the personnel involved..
- Additional comments: No additional comments.

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)-396-9142 or via email at [duane.wright@louisvillemsd.org](mailto:duane.wright@louisvillemsd.org).

Sincerely,

Duane V. Wright  
Process Supervisor-Operations

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





Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0228 MCNEELY LAKE, 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
KY0029416	MSD0228	MCNEELY LAKE	PENNSYLVANIA RUN	CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0228	10300 ROD N REEL RD		PENNSYLVANIA RUN	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2181192		6/16/14 7:10 am	SINGLETON	OPS BSHIFT CENTRAL	REPAIRED - ISSUE RESOLVED	06/16/2014	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	06/16/14 07:40 AM	

**Discharge Reporting:**

Discharge Amount:	1,359 GAL
Cause:	CL2 & SO2 TANKS NOT ON.
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	PERMANENT SIGNS POSTED
Impact:	NO IMPACT OBSERVED
Repair:	TURNT TANKS ON.
Public Notification:	PERMANENT SIGNS POSTED

**Notifications:**

6/12/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemmsd.org, Sayre.Dennis@epamail.epa.gov'
6/12/14 1:00 am	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemmsd.org, Sayre.Dennis@epamail.epa.gov'

Total Facilities Printed: 1

Total Work Orders Printed: 1