



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

November 18, 2015

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 –October 2015.**

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 October 2015.

There were no exceedances, bypasses or discharges for this month.

If you have any questions concerning the attached DMRs, please contact me at (502) 715-2789.

Sincerely,

A handwritten signature in black ink, appearing to read "Staci Huber", written over the word "Sincerely,".

Staci Huber
Process Supervisor, Central region

SMH/McNeely Lake 10/15

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:
Major:

KY0029416
No

Permittee:
Permittee Address:

MCNEELY LAKE WQTC MSD
10300 ROD N REEL RD
LOUISVILLE, KY 40229

Facility:
Facility Location:

MCNEELY LAKE WQTC MSD
10300 ROD N REEL RD
LOUISVILLE, KY 40229

Permitted Feature:

001
External Outfall

Discharge:

001-1
SANITARY WASTEWATER

Report Dates & Status

Monitoring Period:

From 10/01/15 to 10/31/15

DMR Due Date:

11/28/15

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:
Last Name:

James
Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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		01/01 - Daily	GR - GRAB
					Permit Req.						>=	7 MINIMUM					19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6			=	7	12 - SU		01/01 - Daily	GR - GRAB
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	6.7	=	15.5	26 - lb/d			=	10	=	20	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	51.3 MO AVG	<=	76.9 WKLY AVG	26 - lb/d			<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	24	=	29	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.29	=	0.3	26 - lb/d			=	0.4	=	0.5	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	6.84 MO AVG	<=	10.3 WKLY AVG	26 - lb/d			<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	4	=	4.6	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.									Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L	0	01/07 - Weekly	24 - COMP24
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1	=	0.115	03 - MGD									99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD								0	99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								<	0.01	<	0.01	19 - mg/L		01/01 - Daily	GR - GRAB
					Permit Req.								<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample								<	2	=	9	3Z - CFU/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.								<=	130 30DA GEO	<=	240 7 DA GEO	3Z - CFU/100mL	0	01/07 - Weekly	GR - GRAB
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	2.1	=	2.5	26 - lb/d			=	3	=	4	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	25.6 MO AVG	<=	38.5 WKLY AVG	26 - lb/d			<=	15 MO AVG	<=	22.5 WKLY AVG	19 - mg/L	0	01/07 - Weekly	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
Mcneelycoverletter1015.pdf	pdf	46120
201510_McNeely_MOR.pdf	pdf	449966

Report Last Saved By

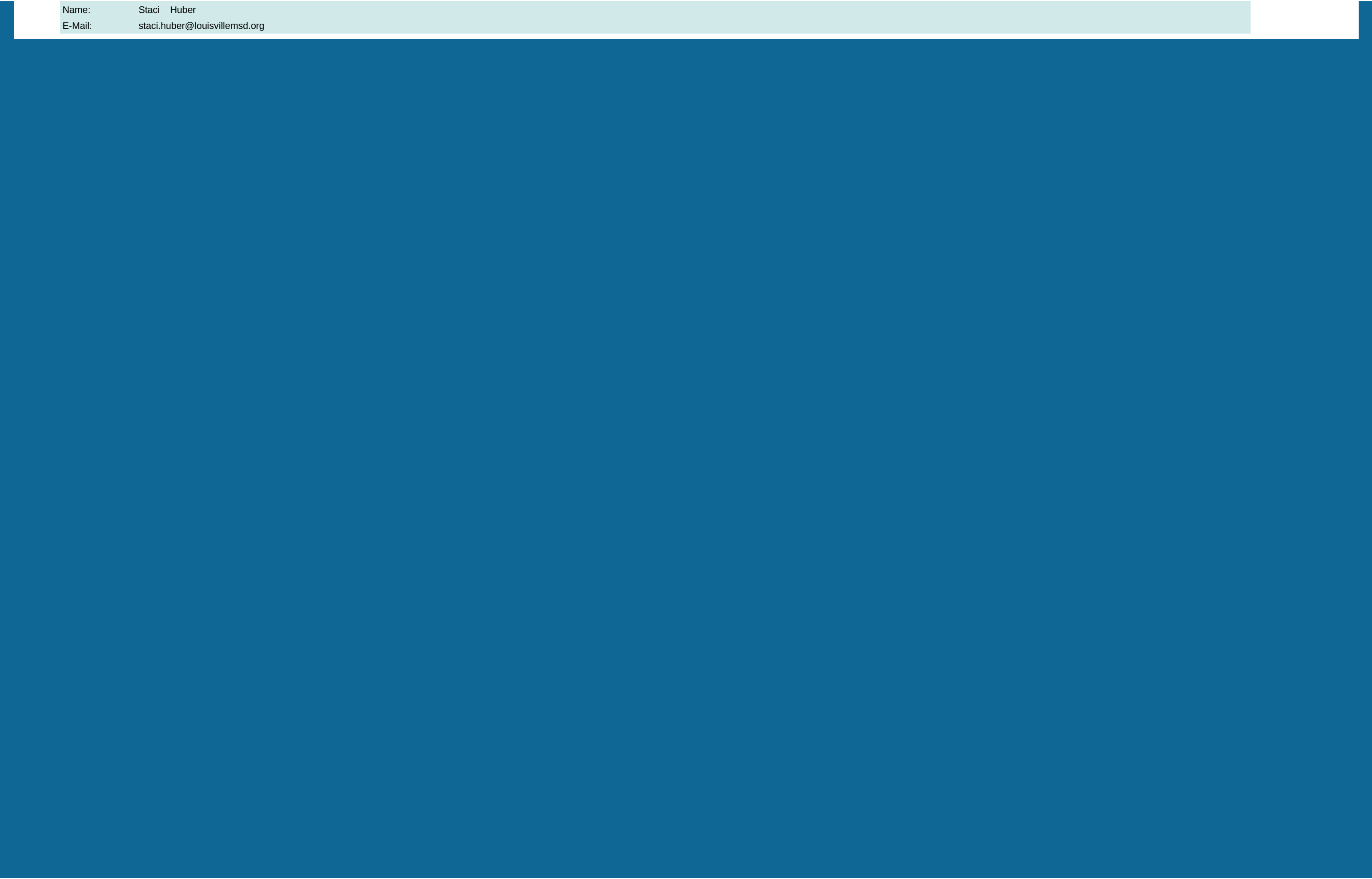
MCNEELY LAKE WQTC MSD

User:

staci.huber@louisvillemsd.org

Date/Time:

2015-11-20 14:05 (Time Zone: -05:00)



McNeely Lake		Report for		Oct-15		Tot. Exc.=		0							
Tot. Flow=		3.09817		Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N		
10/1/15	0.093	20	3	0.45		15.522	2.328	0.349	3.18	8	6.9	0.01	21.96		
10/2/15	0.093				1					8.6	6.7	0.01			
10/3/15	0.129									8.5	6.6	0.01			
10/4/15	0.115									8.7	6.5	0.01			
10/5/15	0.099									8.1	6.7	0.01			
10/6/15	0.090									8.1	6.7	0.01			
10/7/15	0.082									8.3	6.9	0.01			
10/8/15	0.082	3	3	0.34		2.061	2.061	0.234	3.84	8.3	6.6	0.01	21.16		
10/9/15	0.075				1					7.6	6.4	0.01			
10/10/15	0.050									8.2	6.3	0.01			
10/11/15	0.085									7.8	6.3	0.01			
10/12/15	0.080									7.7	6.4	0.01			
10/13/15	0.087									7.5	6.2	0.01			
10/14/15	0.076									8.4	6.6	0.01			
10/15/15	0.073	5	4	0.45		3.064	2.451	0.276	4.56	7.9	6.1	0.01	28.66		
10/16/15	0.068				1					8.6	6.3	0.01			
10/17/15	0.070									8	6.1	0.01			
10/18/15	0.147									9	6.2	0.01			
10/19/15	0.072									8.7	6.3	0.01			
10/20/15	0.070									8.9	6.2	0.01			
10/21/15	0.066									8.5	6.5	0.01			
10/22/15	0.067	11	3	0.53		6.182	1.686	0.298	4.47	8.5	6.7	0.01	25.66		
10/23/15	0.060				9					8.7	6.2	0.01			
10/24/15	0.080									8	7	0.01			
10/25/15	0.086									8.2	7	0.01			
10/26/15	0.074									7.9	6.2	0.01			
10/27/15	0.119									8.4	6.1	0.01			
10/28/15	0.322									7.8	6.8	0.01			
10/29/15	0.237									7.4	6.5	0.01			
10/30/15	0.136									7.1	7.3	0.01			
10/31/15	0.113									7.7	6.9	0.01			
Average	0.100	10	3	0.4	1.73	7	2.132	0.29	4.0	8.16	7	0.01	24.36		
Maximum	0.322	20	4	0.5	9.00	16	2.451	0.3	4.6	9.00	7	0.01	28.66		
Exceed.	2	0	0	0	0	0	0	0							