



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

February 6, 2016

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 –January 2016.**

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 January 2016.

There were no exceedances, overflows or bypasses 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". The signature is fluid and cursive.

Staci Huber  
Process Supervisor

SMH/McNeely Lake 1/16

Enclosures

cc: T. Singleton  
R. Shaw



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

**DMR Copy of Record**

**Permit**

<b>Permit #:</b>	<b>KY0029416</b>	<b>Permittee:</b>	MCNEELY LAKE WQTC MSD	<b>Facility:</b>	MCNEELY LAKE WQTC MSD
<b>Major:</b>	No	<b>Permittee Address:</b>	10300 ROD N REEL RD LOUISVILLE, KY 40229	<b>Facility Location:</b>	10300 ROD N REEL RD LOUISVILLE, KY 40229
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-1</b> SANITARY WASTEWATER		

**Report Dates & Status**

<b>Monitoring Period:</b>	From 01/01/16 to 01/31/16	<b>DMR Due Date:</b>	02/28/16	<b>Status:</b>	NetDMR Validated
---------------------------	---------------------------	----------------------	----------	----------------	------------------

**Considerations for Form Completion**

**Principal Executive Officer**

<b>First Name:</b>	James A.	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Parrott				

**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
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	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	01/07 - Weekly	GR - GRAB
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	4.1	=	7.1	26 - lb/d	=	6	=	8		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	01/07 - Weekly	24 - COMP24
					Value NODI													
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=					=	23	=	28		19 - mg/L	01/07 - Weekly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.3	=	0.4	26 - lb/d	=	0.5	=	1		19 - mg/L	01/07 - Weekly	CP - COMPOS
					Permit Req.	<=	17.1 MO AVG	<=	25.6 WKLY AVG	26 - lb/d	<=	10 MO AVG	<=	15 WKLY AVG		19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	4.5	=	8.5		19 - mg/L	01/07 - Weekly	CP - COMPOS
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG		19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI													
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.079	=	0.095	03 - MGD							99/99 - Continuous	CN - CONTIN
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD							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	01/07 - Weekly	GR - GRAB
					Value NODI													
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	18	=	33		3Z - CFU/100mL	01/07 - Weekly	GR - GRAB
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO		3Z - CFU/100mL	01/07 - Weekly	GR - GRAB
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	3.1	=	3.6	26 - lb/d	=	4	=	5		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	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
201601_McNeely_coverletter.pdf	pdf	408623
201601_McNeely_MOR.pdf	pdf	393792

**Report Last Saved By**

MCNEELY LAKE WQTC MSD

User: staci.huber@louisvillemsd.org

Date/Time:

2016-02-17 18:31 (Time Zone: -05:00)

Name: Staci Huber  
E-Mail: staci.huber@louisvillemisd.org

McNeely Lake		Report for		Jan-16		Tot. Exc.=		0					
Tot. Flow=	2.45321	Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N
1/1/16	0.112									8.5	6.7	0.01	
1/2/16	0.103									9.2	6.6	0.01	
1/3/16	0.106	8	4	0.5		7.104	3.552	0.444	2.2	9.3	6.4	0.01	17.75
1/4/16	0.095				33					9	6.5	0.01	
1/5/16	0.084									9.6	6.3	0.01	
1/6/16	0.083									9.4	6.1	0.01	
1/7/16	0.082									9.7	6.1	0.01	
1/8/16	0.080									9.5	6.2	0.01	
1/9/16	0.088									7.4	6.2	0.01	
1/10/16	0.093	3	3	0.36		2.322	2.322	0.279	8.54	8.6	6.2	0.01	23.72
1/11/16	0.079				21					9.1	6.1	0.01	
1/12/16	0.079									8.8	6	0.01	
1/13/16	0.071									9	6.1	0.01	
1/14/16	0.076									9.7	6.5	0.01	
1/15/16	0.069									9.3	6.2	0.01	
1/16/16	0.075									9.6	6.1	0.01	
1/17/16	0.075									10	6.1	0.01	
1/18/16	0.074	4	5	0.42		2.481	3.101	0.260	2.91	10	7.2	0.01	22.06
1/19/16	0.065				8					11	6.6	0.01	
1/20/16	0.059									10	6.4	0.01	
1/21/16	0.062									10	6.4	0.01	
1/22/16	0.057									9.8	6.2	0.01	
1/23/16	0.074									8.9	6.1	0.01	
1/24/16	0.077	7	5	0.53		4.523	3.231	0.342	4.31	8.6	6	0.01	27.95
1/25/16	0.072				19					10	6.8	0.01	
1/26/16	0.079									9.1	6.5	0.01	
1/27/16	0.073									9	6.5	0.01	
1/28/16	0.075									9.8	6.3	0.01	
1/29/16	0.068									9.8	6.1	0.01	
1/30/16	0.082									9.4	6.3	0.01	
1/31/16	0.086									9.6	6	0.01	
Average	0.079	6	4	0.5	18.02	4	3.052	0.33	4.5	9.38	6	0.01	22.87
Maximum	0.112	8	5	0.5	33.00	7	3.552	0.4	8.5	11.00	7	0.01	27.95
Exceed.	0	0	0	0	0	0	0	0					
Day Viol.													
Mo. Viol													
Minimum	0.05671	MIN	MAX							7.40	6.00	0.01	