



Safe, clean waterways

700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

June 8, 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 –May 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 May 2016.

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

This plant stopped discharging flow on May 28, 2016. MSD personnel emailed a No Discharge Certification letter to Ann Workman on June 3, 2016.

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

Sincerely,

Staci Huber
Process Supervisor

SMH/McNeely Lake 5/16

Enclosures

cc: T. Singleton
R. Shaw

DMR Copy of Record

Permit			
Permit #:	KY0029416	Permittee:	McNeely Lake WQTC MSD
Major:	No	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER
Facility:		Facility Location:	MCNEELY LAKE WQTC MSD 10300 ROD N REEL RD LOUISVILLE, KY 40203

Report Dates & Status			
Monitoring Period:	From 05/01/16 to 05/31/16	DMR Due Date:	06/28/16
Status:	NetDMR Validated		

Considerations for Form Completion

Principal Executive Officer			
First Name:	James A	Title:	Executive Director
Last Name:	Parrott	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				=	7				19 - mg/L	0	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	0	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	=	8.4	=	14.4	26 - lb/d	=	9	=	15		19 - mg/L	0	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	=					=	14	=	19		19 - mg/L	0	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	=	0.32	=	0.4	26 - lb/d	=	0.3	=	0.4		19 - mg/L	0	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	=					=	2.2	=	3.4		19 - mg/L	0	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	=	0.114	=	0.143	03 - MGD							0	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	0	01/01 - Daily	GR - GRAB
					Permit Req.						<=	0.011 MO AVG	<=	0.019 WKLY AVG		19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	2	=	6		3Z - CFU/100mL	0	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	=	2.3	=	3	26 - lb/d	=	2	=	3		19 - mg/L	0	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
201605_McNeely_coverletter.pdf	pdf	450357
201605_McNeely_MOR.pdf	pdf	433769

Report Last Saved By
McNeely Lake WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

McNeely Lake		Report for		May-16		Tot. Exc.=		0						
Tot. Flow=	3.0875	Concentrations				Pounds								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot.N	
5/1/16	0.122	12	3	0.39		12.174	3.043	0.396	2.15	9.5	6.5	0.01	14.55	
5/2/16	0.097				6					9.6	6.5	0.01		
5/3/16	0.085									9.5	6.4	0.01		
5/4/16	0.089									9.7	6.7	0.01		
5/5/16	0.086									9.8	6.5	0.01		
5/6/16	0.079									9.8	6.9	0.01		
5/7/16	0.085									9.1	6.6	0.01		
5/8/16	0.115	15	2	0.34		14.438	1.925	0.327	3.43	9.1	6.3	0.01	18.75	
5/9/16	0.098				1					9.9	6.3	0.01		
5/10/16	0.152									10	6.4	0.01		
5/11/16	0.189									7.1	6.9	0.01		
5/12/16	0.185									9.5	6.9	0.01		
5/13/16	0.148									10	6.6	0.01		
5/14/16	0.117									10	6.6	0.01		
5/15/16	0.102	4	2	0.39		3.387	1.694	0.330	2.02	9.9	6.6	0.01	14.52	
5/16/16	0.089				1					10	6.3	0.01		
5/17/16	0.106									11	6.3	0.01		
5/18/16	0.125									7.6	6.2	0.01		
5/19/16	0.101									7.4	6.4	0.01		
5/20/16	0.155									7.6	6.3	0.01		
5/21/16	0.197									7.1	6.7	0.01		
5/22/16	0.144	3	2	0.2		3.605	2.403	0.240	1.14	7.6	6.4	0.01	9.81	
5/23/16	0.111				5					7.3	6.3	0.01		
5/24/16	0.096									7.3	6.3	0.01		
5/25/16	0.093									7.3	6.5	0.01		
5/26/16	0.089									7.4	6.4	0.01		
5/27/16	0.034									7.2	6.2	0.01		
5/28/16														
5/29/16														
5/30/16														
5/31/16														
Average	0.114	9	2	0.3	2.34	8	2.266	0.32	2.2	8.79	6	0.01	14.41	
Maximum	0.197	15	3	0.4	6.00	14	3.043	0.4	3.4	11.00	7	0.01	18.75	
Exceed.	0	0	0	0	0	0	0	0				0		
Day Viol.														
Mo. Viol														
Minimum	0.03426	MIN	MAX							7.10	6.20	0.01		