



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

March 17, 2015

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

**Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – February 2015**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of February 2015.

There were no exceedences, bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 239-7574.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson".

Kevin Thompson
Process Supervisor Central Region

KLT/Berrytown 02.15

Enclosures

cc: T. Singleton
R. Shaw



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www.louisvillegreen.com*

DMR Copy of Record

Permit					
Permit #:	KY0036501	Permittee:	BERRYTOWN WQTC MSD	Facility:	BERRYTOWN WQTC MSD
Major:	No	Permittee Address:	1203 HEAFER RD LOUISVILLE, KY 40222	Facility Location:	1203 HEAFER RD LOUISVILLE (JEFFERSON,KY), KY 40222
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER		

Report Dates & Status					
Monitoring Period:	From 02/01/15 to 02/28/15	DMR Due Date:	03/28/15	Status:	NetDMR Validated

Considerations for Form Completion
 TOTAL NITROGEN IS THE SUMMATION OF THE ANALYTICAL RESULTS FOR TOTAL NITRATES, TOTAL NITRITES, AND TOTAL KJELDAHL NITROGEN

Principal Executive Officer					
First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

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	=	9									19 - mg/L	0	01/01 - Daily	GR - GRAB			
					Permit Req.	>=	7 INST MIN												19 - mg/L	0	01/07 - Weekly	GR - GRAB
					Value NODI																	
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	9				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	=	3.2	=	6.1	26 - lb/d	=	5	=	10		19 - mg/L	0	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	18.8 MO AVG	<=	28.2 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	=					=	17	=	22		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	2	--	Sample	=	0.3	=	0.4	26 - lb/d	=	0.4	=	0.6		19 - mg/L	0	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	6.3 MO AVG	<=	9.4 WKLY AVG	26 - lb/d	<=	10 MO AVG	<=	15 WKLY AVG		19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Value NODI																	
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	1.6	=	2.1		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	=	0.085	=	0.115	03 - MGD							0	99/99 - Continuous	CN - CONTIN			
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD									0	99/99 - Continuous	IN - INSTAN	
					Value NODI																	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01		19 - mg/L	0	27/30 - 27 Per Month	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						=	1	=	1		13 - #/100mL	0	27/30 - 27 Per Month	GR - GRAB			
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO		13 - #/100mL	0	01/07 - Weekly	GR - GRAB			
					Value NODI																	
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	2.5	=	3.3	26 - lb/d	=	4	=	5		19 - mg/L	0	01/07 - Weekly	CP - COMPOS			
					Permit Req.	<=	15.7 MO AVG	<=	23.5 WKLY AVG	26 - lb/d	<=	25 MO AVG	<=	37.5 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
201502_BERRYTOWN_MOR.pdf	pdf	33926
201502_BERRYTOWN_COVERLETTER.pdf	pdf	48406

Report Last Saved By
BERRYTOWN WQTC MSD

Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemsd.org

Berrytown		Report for	Feb-15			Tot. Exc.=								
Tot. Flow=		2.39075	Concentrations			0								
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
2/1/15	0.088									10	6.4	0.01		
2/2/15	0.114									9.6	6.6	0.01		
2/3/15	0.095									9.9	7.2	0.01		
2/4/15	0.084	1	3	0.56		0.702	2.106	0.393	1.29	10	6.8	0.01	20.41	
2/5/15	0.076				1					10	7.1	0.01		
2/6/15	0.073									9.8	7.3	0.01		
2/7/15	0.076									9.9	7.1	0.01		
2/8/15	0.076									9.6	6.8	0.01		
2/9/15	0.073	10	5	0.39		6.119	3.060	0.239	1.81	9.3	6	0.01	18.01	
2/10/15	0.067				1					9.8	6.9	0.01		
2/11/15	0.066									9.6	7	0.01		
2/12/15	0.062									9.7	6.9	0.01		
2/13/15	0.062									10	7.6	0.01		
2/14/15	0.064									9.7	7	0.01		
2/15/15	0.061									11	7.9	0.01		
2/16/15	0.060	3	3	0.2		1.507	1.507	0.100	2.08	10	7.6	0.01	21.87	
2/17/15	0.067				1					10	7.9	0.01		
2/18/15	0.070									10	7.6	0.01		
2/19/15	0.072									11	8.1	0.01		
2/20/15	0.068									12	8.4	0.01		
2/21/15	0.111									11	8.6	0.01		
2/22/15	0.173									9.8	7.6	0.01		
2/23/15	0.132	4	3	0.39		4.415	3.311	0.430	1.14	10	7.9	0.01	9.21	
2/24/15	0.117				1					10	8.1	0.01		
2/25/15	0.102									9.7	7.8			
2/26/15	0.097									9.9	8.8	0.01		
2/27/15	0.091									10	7.8	0.01		
2/28/15	0.094									11	7.9	0.01		
3/1/15														
3/2/15														
3/3/15														
Average	0.085	5	4	0.4	1.00	3	2.496	0.29	1.6	10.08	7	0.01	17.38	
Maximum	0.173	10	5	0.6	1.00	6	3.311	0.4	2.1	12.00	9	0.01	21.87	
Exceed.	15	0	0	0	0	0	0	0						