



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

February 10, 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 – January 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 January 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", is written over the typed name.

Kevin Thompson
Process Supervisor Central Region

KLТ/Berrytown 01.15

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

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

Report Dates & Status			
Monitoring Period:	From 01/01/15 to 01/31/15	DMR Due Date:	02/28/15
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
Last Name:	Heitzman	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					=	9					19 - mg/L	0	01/01 - Daily	GR - GRAB					
					Permit Req.					>=	7 INST MIN					19 - mg/L		01/07 - Weekly	GR - GRAB					
					Value NODI																			
00400	pH	1 - Effluent Gross	0	--	Sample					=	6			=	8	12 - SU	0	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	=	2.4	=	5.2	26 - lb/d		=	3	=	7	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		01/07 - Weekly	24 - COMP24					
					Value NODI																			
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample					=	17			=	20	19 - mg/L	0	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	=	0.4	=	0.6	26 - lb/d		=	0.6	=	1	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		01/07 - Weekly	24 - COMP24					
					Value NODI																			
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	1.6			=	2.2	19 - mg/L	0	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	=	0.103	03 - MGD							0	99/99 - Continuous	CN - CONTIN					
					Permit Req.															Req Mon MO AVG	Req Mon WKLY AVG	03 - MGD	99/99 - Continuous	IN - INSTAN
					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.											<=		.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L	01/07 - Weekly	GR - GRAB	
					Value NODI																			
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	5	=	45	13 - #/100mL	0	05/30 - 5 Times Every Month	GR - GRAB					
					Permit Req.											<=		130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL	01/07 - Weekly	GR - GRAB	
					Value NODI																			
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3.8	=	5.6	26 - lb/d		=	6	=	10	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		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
012015_Berrytown_COVERLETTER.pdf	pdf	16677
012015_Berrytown_MOR.pdf	pdf	8739

Report Last Saved By
BERRYTOWN WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Berrytown	Report for	Jan-15				Tot. Exc.=		0						
Tot. Flow=	2.45774	Concentrations						Pounds						
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N	
1/1/15	0.099									8.8	7.6	0.01		
1/2/15	0.085									9	7	0.01		
1/3/15	0.103									9	7.2	0.01		
1/4/15	0.129	2	2	0.34		2.152	2.152	0.366	1.29	8.8	6.9	0.01	14.96	
1/5/15	0.110				1990					9.7	7.7	0.01		
1/6/15	0.099									9.6	7.4	0.01		
1/7/15	0.094				1					9.4	7.6	0.01		
1/8/15	0.088	7	3	0.34		5.154	2.209	0.250	1.35	9.4	7.2	0.01		
1/9/15	0.076				1					9.1	6.8	0.01		
1/10/15	0.079									8.9	7.3	0.01		
1/11/15	0.069									9.4	7.6	0.01		
1/12/15	0.083									9.7	7.2	0.01		
1/13/15	0.079									9.9	6.9	0.01		
1/14/15	0.076									9.7	7.1	0.01		
1/15/15	0.074	2	9	0.95		1.242	5.590	0.590	1.65	10	6.7	0.01	16.61	
1/16/15	0.072				1					10	6.9	0.01		
1/17/15	0.074									9.8	6.6	0.01		
1/18/15	0.075									9.7	6.8	0.01		
1/19/15	0.072									9.8	7.1	0.01		
1/20/15	0.063									9.6	6.6	0.01		
1/21/15	0.063									9.9	6.8	0.01		
1/22/15	0.063	2	10	0.76		1.049	5.247	0.399	2.15	10	6.4	0.01	20.01	
1/23/15	0.066				1					10	6.7	0.01		
1/24/15	0.076									9.1	6	0.01		
1/25/15	0.079									8.9	6.8	0.01		
1/26/15	0.078									9.2	6.8	0.01		
1/27/15	0.066									9.6	7.1	0.01		
1/28/15	0.072									10	6.9	0.01		
1/29/15	0.067									10	7.1	0.01		
1/30/15	0.064									9.9	6.7	0.01		
1/31/15	0.065									10	6.8	0.01		
Average	0.079	3	6	0.6	4.57	2	3.799	0.40	1.6	9.55	7	0.01	17.19	
Maximum	0.129	7	10	1.0	45.00	5	5.590	0.6	2.2	10.00	8	0.01	20.01	
Exceed.	16	0	0	0	0	0	0	0						