



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

October 7, 2014

Ms. Cheryl Edwards
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Chenoweth Hills WQTC; KPDES No.: KY0029459
Discharge Monitoring Reports –September 2014**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Chenoweth Hills WQTC, KPDES No.: KY0029459 for the month of September 2014.

There were no bypasses, exceedances or overflows to report.

Note that this plant was removed from service and all influent flow was stopped on September 22, 2014. The plant effluent flow stopped on September 23, 2014. This DMR includes sample data collected during the first three weeks of the month. MSD also submitted a no discharge certification form to Kentucky Division of Water personnel on September 29, 2014.

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/Chenoweth Hills 09.14

Enclosures

cc: R. Shaw
T. Singleton



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

DMR Copy of Record

Permit					
Permit #:	KY0029459	Permittee:	CHENOWETH HILLS WQTC MSD	Facility:	CHENOWETH HILLS WQTC MSD
Major:	No	Permittee Address:	4305 ST RENE CT JEFFERSONTOWN, KY 40299	Facility Location:	4305 ST RENE CT JEFFERSONTOWN, KY 40299
Permitted Feature:	001 External Outfall	Discharge:	001-1 SANITARY WASTEWATER		

Report Dates & Status					
Monitoring Period:	From 09/01/14 to 09/30/14	DMR Due Date:	10/28/14	Status:	NetDMR Validated

Considerations for Form Completion					
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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	=	7				=	7				19 - mg/L	0	22/30 - 22 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L				
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	6				=	7			12 - SU	0	20/30 - Twenty Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM		12 - SU					
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	6	=	6.4	26 - lb/d	=	7	=	8	19 - mg/L	0	03/30 - Three Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	50 MO AVG	<=	75.1 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L				
					Value NODI														
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample	=					=	27	=	31	19 - mg/L	0	03/30 - Three Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon WKLY AVG	19 - mg/L				
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample	=	0.2	=	0.3	26 - lb/d	=	0.2	=	0.3	19 - mg/L	0	03/30 - Three Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	6.67 MO AVG	<=	10 WKLY AVG	26 - lb/d	<=	4 MO AVG	<=	6 WKLY AVG	19 - mg/L				
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample	=					=	3.8	=	4.4	19 - mg/L	0	03/30 - Three Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.							Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L				
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.1	=	0.161	03 - MGD						0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN RC - Recorder (auto)	
					Permit Req.		Req Mon MO AVG		Req Mon WKLY AVG	03 - MGD									
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	0	22/30 - 22 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	.011 MO AVG	<=	.019 WKLY AVG	19 - mg/L				
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample						<	22	=	32	13 - #/100mL	0	03/30 - Three Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	130 30DA GEO	<=	240 7 DA GEO	13 - #/100mL				
					Value NODI														
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3	=	3.7	26 - lb/d	=	3	=	4	19 - mg/L	0	03/30 - Three Per Month 01/07 - Weekly	CP - COMPOS 24 - COMP24	
					Permit Req.	<=	50 MO AVG	<=	75.1 WKLY AVG	26 - lb/d	<=	30 MO AVG	<=	45 WKLY AVG	19 - mg/L				
					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
201409_ChenowethHills_coverletter.pdf	pdf	18069
201409_ChenowethHills_MOR.pdf	pdf	9661

Report Last Saved By
CHENOWETH HILLS WQTC MSD

Name: Kevin Thompson

E-Mail: kevin.thompson@louisvillemsd.org

Chenoweth Hills		Report for		Sep-14		Tot. Exc.= 0									
Tot. Flow= 2.49729				Concentrations				Pounds							
Date	Flow	TSS	BOD	NH3	Ecoli	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC	Tot. N		
9/1/14	0.110	7	4	0.28		6.412459	3.664262	0.256498	4.37	7.6	6.4	0.01	27.31		
9/2/14	0.100				32					7.5	6.2	0.01			
9/3/14	0.095									7.5	6.1	0.01			
9/4/14	0.091									8	6.5	0.01			
9/5/14	0.086									7.9	6.4	0.01			
9/6/14	0.098									7.4	6.2	0.01			
9/7/14	0.110									7.2	6.1	0.01			
9/8/14	0.088	8	4	0.28		5.858016	2.929008	0.205031	4.12	8.1	6	0.01	30.81		
9/9/14	0.084				32					7.4	6.3	0.01			
9/10/14	0.087									8.1	6.2	0.01			
9/11/14	0.449									8.7	6.5	0.01			
9/12/14	0.159									7.7	6.5	0.01			
9/13/14	0.130									7.2	6.6	0.01			
9/14/14	0.128									7.5	6.3	0.01			
9/15/14	0.103	7	2	0.17		6.018978	1.719708	0.146175	2.88	7.8	6.3	0.01	23.01		
9/16/14	0.077				10					7.4	6	0.01			
9/17/14	0.096									7.7	6.3	0.01			
9/18/14	0.092									7.2	6.2	0.01			
9/19/14	0.085									7.6	6.4	0.01			
9/20/14	0.085									7.4		0.01			
9/21/14	0.095									7.6		0.01			
9/22/14	0.043									7.7	6	0.01			
9/23/14	0.005														
9/24/14															
9/25/14															
9/26/14															
9/27/14															
9/28/14															
9/29/14															
9/30/14															
Average	0.109	7	3	0.2	21.72	6	2.771	0.20	3.8	7.65	6	0.01	27.04		
Maximum	0.449	8	4	0.3	32.00	6	3.664	0.3	4.4	8.70	7	0.01	30.81		
Exceed.	1	0	0	0	0	0	0	0							