

MSD

Metropolitan Sewer District

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

March 17, 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 –February 2014**

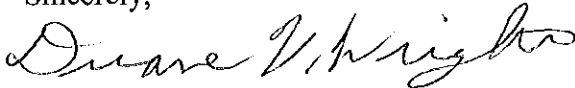
Dear Ms. Edwards:

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 February 2014.

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,



Duane V. Wright
Process Supervisor Central Region

DVW/Chenoweth Hills 02.14

Enclosures

cc: R. Shaw
T. Singleton



Beneficial Use of Louisville's Biosolids
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DMR Copy of Record

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

Report Dates & Status			
Monitoring Period:	From 02/01/14 to 02/28/14	DMR Due Date:	04/28/14
Status:	NetDMR Validated		

Considerations for Form Completion
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Principal Executive Officer			
First Name:	Greg	Title:	Exec. Dir.
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
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	8									19 - mg/L	25/30 - 25 Per Month 01/07 - Weekly	GR - GRAB
					Permit Req.	>=	7 INST MIN								19 - mg/L			
					Value NODI													
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	7			12 - SU	25/30 - 25 Per Month 01/07 - Weekly	GR - GRAB	
					Permit Req.	>=	6 MINIMUM			<=	9 MAXIMUM			12 - SU				
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	5	=	6	26 - lb/d	=	3	=	4	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	50 30DA AVG	<=	100 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L			
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.2	=	0.3	26 - lb/d	=	0.2	=	0.2	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	16.7 30DA AVG	<=	33.4 DAILY MX	26 - lb/d	<=	10 30DA AVG	<=	20 DAILY MX	19 - mg/L			
					Value NODI													
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	1.7	=	2.4	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					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	=	0.198	=	0.511	03 - MGD						99/99 - Continuous 99/99 - Continuous	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon 30DA AVG		Req Mon INST MAX	03 - MGD								
					Value NODI													
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						<	0.01	<	0.01	19 - mg/L	27/30 - 27 Per Month 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	.011 30DA AVG	<=	.019 DAILY MX	19 - mg/L			
					Value NODI													
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	5	=	22	13 - #/100mL	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB	
					Permit Req.						<=	200 30DA GEO	<=	400 7 DA GEO	13 - #/100mL			
					Value NODI													
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	3	=	4	26 - lb/d	=	2	=	3	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	50 30DA AVG	<=	100 DAILY MX	26 - lb/d	<=	30 30DA AVG	<=	60 DAILY MX	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
Chills022014_cover.pdf	pdf	16893
Chen022014_MOR.pdf	pdf	23059

Report Last Saved By
CHENOWETH HILLS WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2014-03-19 15:07 (Time Zone: -04:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

Chenoweth Hills		Report for		Feb-14		Tot. Exc.= 0						
Tot. Flow= 5.54219				Concentrations								
Date	Flow	TSS	BOD	NH3	Fecal	TSS	Pounds BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
2/1/14	0.229									9.7	7.1	<0.010
2/2/14	0.351									9.7	7.1	<0.010
2/3/14	0.324											<0.010
2/4/14	0.229											<0.010
2/5/14	0.511									8.5	6.8	<0.010
2/6/14	0.225									9.2	6.7	<0.010
2/7/14	0.165	3	3	0.17	7	4.11629	4.11629	0.233256	0.919	8.5	6.8	<0.010
2/8/14	0.160									9.8	6.8	<0.010
2/9/14	0.155	3	2	0.11		3.87785	2.585233	0.142188	1.03	9.3	6.8	<0.010
2/10/14	0.118				2					8.8	6.8	<0.010
2/11/14	0.122									8.5	6.9	<0.010
2/12/14	0.121									9.5	7.1	<0.010
2/13/14	0.110									9.1	7.1	<0.010
2/14/14	0.150									8.7	7.1	<0.010
2/15/14	0.207									9.2	7.2	<0.010
2/16/14	0.188	4	2	0.17		6.257002	3.128501	0.265923	2.39	8.6	7	<0.010
2/17/14	0.248				2					8.6	7	<0.010
2/18/14	0.295											<0.010
2/19/14	0.221									7.8	7.1	<0.010
2/20/14	0.196											<0.010
2/21/14	0.239											<0.010
2/22/14	0.176									8.3	7.2	<0.010
2/23/14	0.169	3	2	0.17		4.234635	2.82309	0.239963	2.27	8.5	7	<0.010
2/24/14	0.140				22					8.9	7.3	<0.010
2/25/14	0.131									8.5	7	<0.010
2/26/14	0.129									8.5	6.8	<0.010
2/27/14	0.116									8.5	6.8	<0.010
2/28/14	0.115									8.5	6.8	<0.010
3/1/14												
3/2/14												
3/3/14												
Average	0.198	3	2	0.2	4.98	5	3.163	0.22	1.7	8.83	7	0.00
Maximum	0.511	4	3	0.2	22.00	6	4.116	0.3	2.4	9.80	7	0.00
Exceed.	11	0	0	0	0	0	0	0				