



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

October 11, 2013

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 2013**

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 2013.

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 09.13

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
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 09/01/13 to 09/30/13	DMR Due Date:	10/28/13
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	Units
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	7				=	7				19 - mg/L	0	26/30 - 26 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				=	9			12 - SU	0	24/30 - 24 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	=	4	=	7	26 - lb/d	=	3	=	7	19 - mg/L	0	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	1	--	Sample	=	0.62	=	0.9	26 - lb/d	=	0.5	=	0.7	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS	
					Permit Req.	<=	6.67 30DA AVG	<=	13.3 DAILY MX	26 - lb/d	<=	4 30DA AVG	<=	8 DAILY MX	19 - mg/L				
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	2.6	=	4	19 - mg/L	0	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	=	0.132	=	0.535	03 - MGD						0	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	0	01/01 - Daily 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						=	36	=	87	13 - #/100mL	0	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	=	4	=	5	26 - lb/d	=	3	=	4	19 - mg/L	0	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
CHILL092013_MOR.pdf	pdf	24683
C-Hills092013_cover.pdf	pdf	17012

Report Last Saved By
CHENOWETH HILLS WQTC MSD

User:	wrightd	Date/Time:	2013-10-28 12:34 (Time Zone: -04:00)
Name:	Duane Wright		
E-Mail:	duane.wright@louisvillemsd.org		

Chenoweth Hills		Report for		Sep-13		Tot. Exc.= 0						
Tot. Flow= 3.94992				Concentrations		Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
9/1/13	0.326											0.01
9/2/13	0.167	2	2	0.67		2.77722	2.77722	0.930369	1.65	7.1	8.4	0.01
9/3/13	0.143				50					7	8.8	0.01
9/4/13	0.111									7.4	6.9	0.01
9/5/13	0.097									7.1	7	0.01
9/6/13	0.098									7	6.8	0.01
9/7/13	0.116									8.1	7.2	0.01
9/8/13	0.126	2	4	0.73		2.095008	4.190016	0.764678	3.41	7.5	7	0.01
9/9/13	0.095				87					7	8.5	0.01
9/10/13	0.101										8.5	0.01
9/11/13	0.095											0.01
9/12/13	0.088									7.1		0.01
9/13/13	0.093									7.4		0.01
9/14/13	0.102									7.5	7.7	0.01
9/15/13	0.115	7	4	0.45		6.711365	3.835066	0.431445	4.04	7.6	7.3	0.01
9/16/13	0.092				31					7.4	7.9	0.01
9/17/13	0.101									7	6.5	0.01
9/18/13	0.090									7.4		0.01
9/19/13	0.092									7.6	6.3	0.01
9/20/13	0.121									7		0.01
9/21/13	0.535										6.7	0.01
9/22/13	0.182	2	3	0.22		3.033425	4.550137	0.333677	1.11	7.3	7.7	0.01
9/23/13	0.123				12					7	7.8	0.01
9/24/13	0.111									7	7.6	0.01
9/25/13	0.095									7.3	7	0.01
9/26/13	0.100									7.4	7	0.01
9/27/13	0.100									7	7	0.01
9/28/13	0.114									8.3	6.8	0.01
9/29/13	0.125									8.2	6.6	0.01
9/30/13	0.097									8	6.7	0.01
10/1/13												
Average	0.132	3	3	0.5	35.67	4	3.838	0.62	2.6	7.37	7	0.01
Maximum	0.535	7	4	0.7	87.00	7	4.550	0.9	4.0	8.30	9	0.01
Exceed.	2	0	0	0	0	0	0	0				
Day Viol.												
Mo. Viol												
Minimum	0.08849	MIN	MAX							7.00	6.30	0.01