



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

May 20, 2014

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

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

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright  
Process Supervisor Central Region

DVW/Chenoweth Hills 04.14

Enclosures

cc: R. Shaw  
T. Singleton



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

# DMR Copy of Record

<b>Permit</b>			
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

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/14 to 04/30/14	DMR Due Date:	07/28/14
Status:	NetDMR Validated		

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
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				=	8			12 - SU	0	21/30 - 21 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	=	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																		
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.4	=	0.4	26 - lb/d	=	0.3	=	0.4	19 - mg/L	0	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						=	2	=	3.1	19 - mg/L	0	01/07 - Weekly 01/07 - Weekly	CP - COMPOS CP - COMPOS					
					Permit Req.																		
					Value NODI																		
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.197	=	0.796	03 - MGD							0	99/99 - Continuous 99/99 - Continuous	CN - CONTIN CN - CONTIN				
					Permit Req.																		
					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.																		
					Value NODI																		
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample						=	3	=	5	13 - #/100mL	0	01/07 - Weekly 01/07 - Weekly	GR - GRAB GR - GRAB					
					Permit Req.																		
					Value NODI																		
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	5	=	7	26 - lb/d	=	4	=	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																		

**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**

<b>Attachments</b>		
Name	Type	Size
CHILLS_MOR042014.pdf	pdf	23457
CHILLS_COVER042014.pdf	pdf	16962

**Report Last Saved By**  
CHENOWETH HILLS WQTC MSD

User: kevin.ries@louisvillemsd.org | Date/Time: 2014-05-22 11:21 (Time Zone: -04:00)  
Name: Kevin Ries  
E-Mail: kevin.ries@louisvillemsd.org

<b>Chenoweth Hills</b>		Report for		<b>Apr-14</b>		Tot. Exc.= 0						
Tot. Flow= 5.92027				Concentrations		Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
4/1/14	0.148	2	2	0.2		2.46914	2.46914	0.246914	1.95	7.2	6.4	0.01
4/2/14	0.151				3					7.2		0.01
4/3/14	0.322									7.1	7.1	0.01
4/4/14	0.796											0.01
4/5/14	0.310											0.01
4/6/14	0.227									7.6	7.5	0.01
4/7/14	0.232									7.9	7.4	0.01
4/8/14	0.223	4	2	0.22		7.433942	3.716971	0.408867	0.765	8.1	7.1	0.01
4/9/14	0.187				2					7.8	6.9	0.01
4/10/14	0.147									7.7	7.4	0.01
4/11/14	0.127									7.5	7.4	0.01
4/12/14	0.128									7.4	7.6	0.01
4/13/14	0.135									8.2	6.6	0.01
4/14/14	0.151									7	6.4	0.01
4/15/14	0.242	2	3	0.22		4.028387	6.04258	0.443123	2.18	8.9	6.9	0.01
4/16/14	0.152				2					8.9	7	0.01
4/17/14	0.133									7.7	6.4	0.01
4/18/14	0.110									7.5	6.2	0.01
4/19/14	0.129									7	6	0.01
4/20/14	0.131									7.4	6.2	0.01
4/21/14	0.112									7	6.1	0.01
4/22/14	0.112	3	7	0.39		2.800989	6.535641	0.364129	3.07	7.4		0.01
4/23/14	0.098				5					7.7	6.5	0.01
4/24/14	0.096									7.9		0.01
4/25/14	0.101									8.3		0.01
4/26/14	0.111									8		0.01
4/27/14	0.126									8.1	6.1	0.01
4/28/14	0.372											0.01
4/29/14	0.344											0.01
4/30/14	0.267									7	6.9	0.01
5/1/14												
Average	0.197	3	4	0.3	2.78	4	4.691	0.37	2.0	7.67	7	0.01
Maximum	0.796	4	7	0.4	5.00	7	6.536	0.4	3.1	8.90	8	0.01
Exceed.	10	0	0	0	0	0	0	0				