



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

February 13, 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 –January 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 January 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 black ink that reads "Duane V. Wright". The signature is written in a cursive style with a large, prominent "D" and "W".

Duane V. Wright
Process Supervisor Central Region

DVW/Chenoweth Hills 01.14

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
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 01/01/14 to 01/31/14	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	Units		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample	=	8											22/30 - 22 Per Month 01/07 - Weekly	GR - GRAB		
					Permit Req.	>=	7 INST MIN													GR - GRAB	
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample	=	7				=	8						22/30 - 22 Per Month 01/07 - Weekly	GR - GRAB		
					Permit Req.	>=	6 MINIMUM				<=	9 MAXIMUM								GR - GRAB	
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	6	=	7	26 - lb/d			=	5	=	6	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	50 30DA AVG	<=	100 DAILY MX	26 - lb/d			<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		CP - COMPOS		
					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		
					Permit Req.	<=	16.7 30DA AVG	<=	33.4 DAILY MX	26 - lb/d			<=	10 30DA AVG	<=	20 DAILY MX	19 - mg/L		CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=	2.1	=	2.9	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS			
					Permit Req.																CP - COMPOS
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.181	=	0.386	03 - MGD								99/99 - Continuous 99/99 - Continuous	CN - CONTIN		
					Permit Req.																CN - CONTIN
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample							<	0.01	<	0.01	19 - mg/L	01/01 - Daily 01/07 - Weekly	GR - GRAB			
					Permit Req.																GR - GRAB
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	0	--	Sample							=	5	=	11	13 - #/100mL	01/07 - Weekly 01/07 - Weekly	GR - GRAB			
					Permit Req.																GR - GRAB
					Value NODI																
80082	BOD, carbonaceous, 05 day, 20 C	1 - Effluent Gross	0	--	Sample	=	7	=	8	26 - lb/d			=	5	=	5	19 - mg/L	01/07 - Weekly 01/07 - Weekly	CP - COMPOS		
					Permit Req.	<=	50 30DA AVG	<=	100 DAILY MX	26 - lb/d			<=	30 30DA AVG	<=	60 DAILY MX	19 - mg/L		CP - COMPOS		
					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
CHILLS012014_COVER.pdf	pdf	15877
Chills012014_MOR.pdf	pdf	23581

Report Last Saved By
CHENOWETH HILLS WQTC MSD

User:	kevin.ries@louisvillemsd.org	Date/Time:	2014-02-21 09:23 (Time Zone: -05:00)
Name:	Kevin Ries		
E-Mail:	kevin.ries@louisvillemsd.org		

Chenoweth Hills		Report for		Jan-14		Tot. Exc.= 0						
Tot. Flow= 5.59778				Concentrations		Pounds						
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	D.O.	p.H.	TRC
1/1/14	0.137	6	5	0.17		6.858983	5.715819	0.194338	2.19	9.3	7.4	0.01
1/2/14	0.147				2					9.1	7.4	0.01
1/3/14	0.133									9	7	0.01
1/4/14	0.140									9.2	7.3	0.01
1/5/14	0.203									9.1	7.4	0.01
1/6/14	0.238									9.4	7	0.01
1/7/14	0.194									9.4	7.3	0.01
1/8/14	0.137	4	5	0.11		4.563314	5.704143	0.125491	2.54	9.1	6.6	0.01
1/9/14	0.110				4					8.8	6.8	0.01
1/10/14	0.115									8.5	6.9	0.01
1/11/14	0.386											0.01
1/12/14	0.220											0.01
1/13/14	0.200									8.9	6.8	0.01
1/14/14	0.201									8.7	6.8	0.01
1/15/14	0.189	4	5	0.17		6.317717	7.897146	0.268503	0.746	7.9	7.6	0.01
1/16/14	0.182				11					7.9	7.6	0.01
1/17/14	0.169									8.5	7.4	0.01
1/18/14	0.154									8.1	7	0.01
1/19/14	0.177									8	7.6	0.01
1/20/14	0.175									10	7.4	0.01
1/21/14	0.164									10	7.4	0.01
1/22/14	0.173	4	5	0.17		5.77495	7.218687	0.245435	2.86			0.01
1/23/14	0.159				5					9.6	7.5	0.01
1/24/14	0.154									10	7.6	0.01
1/25/14	0.194											0.01
1/26/14	0.187									9.8	7.6	0.01
1/27/14	0.156									10	6.9	0.01
1/28/14	0.194											0.01
1/29/14	0.191											0.01
1/30/14	0.222											0.01
1/31/14	0.196											0.01
Average	0.181	5	5	0.2	4.58	6	6.634	0.21	2.1	9.06	7	0.01
Maximum	0.386	6	5	0.2	11.00	7	7.897	0.3	2.9	10.00	8	0.01
Exceed.	7	0	0	0	0	0	0	0				