



Metropolitan Sewer District

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)

January 16, 2013

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 – December 2012**

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 December 2012.

There were no exceedences, bypasses or overflows.

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 12.12

Enclosures

cc: R. Shaw  
T. Singleton



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

DISCHARGE MONITORING REPORT (DMR)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME: CEDAR CREEK WQTC  
 ADDRESS: 8405 CEDAR CREEK RD  
 LOUISVILLE, KY 40211  
 FACILITY: CHENOWETH HILLS WQTC MSD  
 LOCATION: 4305 ST RENE CT  
 JEFFERSONTOWN, KY 40299  
 ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029459  
 PERMIT NUMBER

001-1  
 DISCHARGE NUMBER

DMR Mailing ZIP CODE: 40211  
 MINOR  
 (SUBR LV) JEFFE  
 SANITARY WASTEWATER  
 External Outfall

MONITORING PERIOD  
 FROM 12/01/2012 TO 12/31/2012

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	*****		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	6	*****	8		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	5	9		*****	4	5		0	1/7	CP
	PERMIT REQUIREMENT	50 30DA AVG	100 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N) 00610 1 2 Effluent Gross	SAMPLE MEASUREMENT	0.6	0.6		*****	0.4	0.6		0	1/7	CP
	PERMIT REQUIREMENT	16.7 30DA AVG	33.4 DAILY MX	lb/d	*****	10 30DA AVG	20 DAILY MX	mg/L		Weekly	COMPOS
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	2.7	4.1		0	1/7	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. MO AVG	Req. Mon. DAILY MX	mg/L		Weekly	COMPOS
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	.206	.585		*****	*****	*****	*****	0	CN	CN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Continuous	CONTIN
Chlorine, total residual 50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.010	<0.010		0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Weekly	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER Greg Heitzman, Exec Dir	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	TELEPHONE (502) 540-6000	DATE 1/17/2013	
			AREA Code	NUMBER
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Greg Heitzman</i>			MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

Form approved  
OMB No. 2040-0004

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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FACILITY: CHENOWETH HILLS WQTC MSD  
LOCATION: 4305 ST RENE CT  
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ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029459  
PERMIT NUMBER

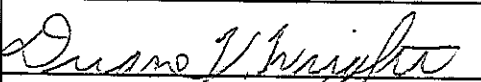
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DISCHARGE NUMBER

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MINOR  
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SANITARY WASTEWATER  
External Outfall

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM	12/01/2012	TO	12/31/2012

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Coliform, fecal general	SAMPLE MEASUREMENT	*****	*****	*****	*****	22	31		0	1/7	GR
74055 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA GEO	400 7 DA GEO	#/100mL		Weekly	GRAB
BOD, carbonaceous, 05 day, 20 C	SAMPLE MEASUREMENT	3	5		*****	3	3		0	1/7	CP
80082 1 0 Effluent Gross	PERMIT REQUIREMENT	50 30DA AVG	100 DAILY MX	lb/d	*****	30 30DA AVG	60 DAILY MX	mg/L		Weekly	COMPOS

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			(502) 540-6000		1/17/2013
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA Code	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
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.

Chenoweth Hills		Report for	Dec-12		Tot. Exc.= 0				
Tot. Flow=	6.37897		Concentrations				Pounds		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
12/1/12	0.113								
12/2/12	0.128	5	2	0.56		5.33	2.13	0.60	4.11
12/3/12	0.101				31				
12/4/12	0.167								
12/5/12	0.158								
12/6/12	0.120								
12/7/12	0.585								
12/8/12	0.550								
12/9/12	0.359								
12/10/12	0.452								
12/11/12	0.205	5	3	0.22		8.55	5.13	0.38	1.34
12/12/12	0.156				15				
12/13/12	0.134								
12/14/12	0.120								
12/15/12	0.143								
12/16/12	0.150	3	3	0.5		3.75	3.75	0.62	3.22
12/17/12	0.151				19				
12/18/12	0.147								
12/19/12	0.132								
12/20/12	0.272								
12/21/12	0.196								
12/22/12	0.163	3	2	0.45		4.08	2.72	0.61	2.14
12/23/12	0.148				28				
12/24/12	0.147								
12/25/12	0.134								
12/26/12	0.356								
12/27/12	0.214								
12/28/12	0.165								
12/29/12	0.181								
12/30/12	0.165								
12/31/12	0.168								
Average	0.206	4.00	2.50	0.43	22.30	5.43	3.43	0.55	2.70
Maximum	0.585	5.00	3.00	0.56	31.00	8.55	5.13	0.62	4.11