



Metropolitan Sewer District

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

June 24, 2011

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 – May 2011**

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 May 2011.

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 5.11

Enclosures

cc: C. Roth (DOW Louisville)
R. Shaw
T. Singleton



Beneficial Use of Louisville's Biosolids
www.louisvillegreen.com

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

MINOR
(SUBR LV)
F - FINAL

JEFFTE

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

NAME CHENOWETH HILLS WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH HILLS WQTC MSD
LOCATION JEFFERSONTOWN KY 40299
ATTN: DENNIS THOMASSEN, SR METRO OPS

KY0029459
PERMIT NUMBER

001 1
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	05	01		11	05	31

SANITARY WASTEWATER
EFFLUENT

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	00300 1 0 0	*****	*****		7	*****	*****	(19)	0	0/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L		WEEKLY	BRAB
PH	00400 1 0 0	*****	*****		7.0	*****	7.2	(12)	0	0/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM	*****	MAXIMUM	EU		WEEKLY	BRAB
SOLIDS, TOTAL SUSPENDED	00500 1 0 0	*****	*****	(26)	*****	6	8	(19)	0	0/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	50	100	LBS/DY	*****	30	50	MG/L		WEEKLY	CUMPOS
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 1 0	*****	*****	(26)	*****	0.3	0.4	(19)	0	0/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.57	13.3	LBS/DY	*****	4	6	MG/L		WEEKLY	CUMPOS
PHOSPHORUS, TOTAL (AS P)	00665 1 0 0	*****	*****		*****	3.1	4.8	(19)	0	0/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	MG/L		WEEKLY	CUMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	00050 1 0 0	*****	*****	(03)	*****	*****	*****		0	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	****		CONTINUOUS	CONTINUOUS
CHLORINE, TOTAL RESIDUAL	00060 1 0 0	*****	*****		*****	<0.010	<0.010	(19)	0	0/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.014	MG/L		WEEKLY	BRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H. J. SHARON, JR.
Exec. DIR.
TYPED OR PRINTED

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.

Dennis Thomas
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540 6000
DATE 11 06 24
AREA CODE NUMBER YEAR MO DAY

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

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

NAME CHENOWETH HILLS WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 2405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY CHENOWETH HILLS WQTC MSD
 LOCATION JEFFERSONTOWN KY 40299
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029459
 PERMIT NUMBER

001 1
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 SANITARY WASTEWATER
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MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	05	01		11	05	31

FROM

TO

*** NO DISCHARGE [] ***

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL GENERAL		*****	*****		*****	19	58	(13)	0	0% / 07	6R
74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	200	400	#/		WEEKLY	GRAB
BOD, CARBONACEOUS 05 DAY, 20C		8	14	(25)	*****	5	5	(19)	0	0% / 07	CP
30082 1 0 0 EFFLUENT GROSS VALUE		50	100		*****	30	60			WEEKLY	COMPOS
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. SCHARDEIN, JR.
 EXEC. DIR.
 TYPED OR PRINTED

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Diane V. Knight
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 5406000
 DATE 11 06 24
 AREA CODE NUMBER YEAR MO DAY

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

Chenoweth Hills		Report for	May-11		Tot. Exc.= 0				
Tot. Flow=	6.12		Concentrations				Pounds		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
5/1/11	0.283								
5/2/11	0.42	4	4	0.22	7	14.0112	14.0112	0.770616	1.75
5/3/11	0.927								
5/4/11	0.351								
5/5/11	0.234								
5/6/11	0.177								
5/7/11	0.151								
5/8/11	0.202	8	5	0.39	16	13.47744	8.4234	0.657025	2.24
5/9/11	0.141								
5/10/11	0.125								
5/11/11	0.12								
5/12/11	0.093								
5/13/11	0.096								
5/14/11	0.103								
5/15/11	0.117	5	4	0.34	21	4.8789	3.90312	0.331765	4.79
5/16/11	0.101								
5/17/11	0.081								
5/18/11	0.109								
5/19/11	0.113								
5/20/11	0.103								
5/21/11	0.117								
5/22/11	0.135	6	5	0.39	58	6.7554	5.6295	0.439101	3.59
5/23/11	0.226								
5/24/11	0.252								
5/25/11	0.157								
5/26/11	0.434								
5/27/11	0.249								
5/28/11	0.16								
5/29/11	0.128								
5/30/11	0.12								
5/31/11	0.095								
Average	0.197	5.75	4.50	0.34	19.22	9.78	7.99	0.55	3.09
Maximum	0.927	8.00	5.00	0.39	58.00	14.01	14.01	0.77	4.79