



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

January 24, 2011

Ms. Crystal Thompson
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 – December 2010**

Dear Ms. Thompson:

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 2010.

Also attached is a overflow report.

There were no exceedences or bypasses.

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 12.10

Enclosures

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



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

NAME CHENOWETH HILLS WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
3436 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH HILLS WQTC MSD
LOCATION JEFFERSONTOWN KY 40299
ATTN: DENNIS THOMASSON, SR METRO OPS

XY0029459
PERMIT NUMBER

001 J
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE [] ***
JEFFE

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	10	12	01		10	12	01

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			
OXYGEN, DISSOLVED (DO)		*****	*****		8	*****	*****	(17)	0	%07	GR
00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	7 INST. MIN	*****	*****	MG/L		WEEKLY	UNPUS
PH		*****	*****		6.7	*****	*****	(17)	0	%07	GR
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	UNPUS
SOLIDS, TOTAL SUSPENDED		4	5	(26)	*****	5	7	(17)	0	%07	CP
00500 1 0 0 EFFLUENT GROSS VALUE		50 30DA AVG	100 DAILY MX	LBS/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		WEEKLY	UNPUS
NITROGEN, AMMONIA TOTAL (AS N)		0.4	0.5	(26)	*****	0.5	0.7	(17)	0	%07	CP
00610 1 2 0 EFFLUENT GROSS VALUE		16.7 30DA AVG	33.4 DAILY MX	LBS/DY	*****	10 30DA AVG	20 DAILY MX	MG/L		WEEKLY	UNPUS
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****	2.4	3.0	(17)	0	%07	CP
00660 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		WEEKLY	UNPUS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.108	0.163	(03)	*****	*****	*****		0	CN	CN
00050 1 0 0 EFFLUENT GROSS VALUE		REPORT 30DA AVG	REPORT INST MAX	MGD	*****	*****	*****	****		UNPUS	UNPUS
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	<0.010	<0.010	(17)	0	%07	GR
00060 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	0.011 30DA AVG	0.019 DAILY MX	MG/L		WEEKLY	UNPUS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H.J. SCHARDIN, JR. EXECUTIVE DIRECTOR 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Dennis Thomasson, Sr.</i>	TELEPHONE 502-540-6000	DATE 11 01 27
			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 NGTC MSD
 ADDRESS C/O CEDAR CREEK NGTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY CHENOWETH HILLS NGTC MSD
 LOCATION JEFFERSONTOWN KY 40299
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029455
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

WINDR
 (SUBR LV)
 F - FINAL
 SANITARY WASTEWATER
 EFFLUENT
 *** NO DISCHARGE 1 1 ***

Form Approved.
 OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	12	01		10	12	31

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 74055 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	6	16	(13)		0	%07 GR
PERMIT REQUIREMENT		*****	*****	****	*****	200	400	%			NECESSARY COMPLIANCE
300. CARBONACEOUS 05 DAY, 20C 80092 1 0 0 EFFLUENT GROSS VALUE		4	6	(26)	*****	5	6	(19)		0	%07 CP
PERMIT REQUIREMENT		50	100		*****	30	50				NECESSARY COMPLIANCE
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. SCHARDEIN, JR.
 EXECUTIVE DIRECTOR
 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.

Duane V. Wright
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000
 DATE 11 01 27
 AREA CODE NUMBER YEAR MO DAY

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

Chenoweth Hills		Report for	Dec-10			Tot. Exc.= 0				
Tot. Flow=	3.334		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
12/1/10	0.163									
12/2/10	0.118	5	6	0.34	9	4.9206	5.90472	0.334601	1.59	
12/3/10	0.094									
12/4/10	0.108									
12/5/10	0.118									
12/6/10	0.088									
12/7/10	0.078									
12/8/10	0.078									
12/9/10	0.084	7	5	0.73	16	4.90392	3.5028	0.511409	2.85	
12/10/10	0.079									
12/11/10	0.11									
12/12/10	0.159									
12/13/10	0.121									
12/14/10	0.1									
12/15/10	0.079									
12/16/10	0.115	5	4	0.45	1	4.7955	3.8364	0.431595	2.06	
12/17/10	0.111									
12/18/10	0.113									
12/19/10	0.118									
12/20/10	0.107									
12/21/10	0.113									
12/22/10	0.113									
12/23/10	0.114									
12/24/10	0.116									
12/25/10	0.104									
12/26/10	0.105									
12/27/10	0.104									
12/28/10	0.096	4	5	0.39	8	3.20256	4.0032	0.31225	2.98	
12/29/10	0.087									
12/30/10	0.11									
12/31/10	0.131									
Average	0.108	5.25	5.00	0.48	5.83	4.46	4.31	0.40	2.37	
Maximum	0.163	7.00	6.00	0.73	16.00	4.92	5.90	0.51	2.98	



Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0029459
 Facility ID MSD0263
 Water Quality Treatment Center CHENOWETH HILLS
 Receiving Stream of Treatment Center CHENOWETH RUN
 Region CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0263	4305 ST RENE CT		CHENOWETH RUN	STREAM

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	1176712	12/08/10 11:26 AM	ELDER	WRIGHT	DOCUMENTED	09/27/02	MECHANICAL FAILURE	UNAUTHORIZED DISCHARGE - WATERS	12/08/10 11:28 AM	

Spot Inspections:

Discharge Amount:	500 GAL
Cause:	HOSE ON B&H VAC TRUCK BROKE
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS PLACED AROUND IMPACTED AREA
Impact:	NO IMPACT OBSERVED
Repair:	REATTACHED WITH NEW HOSE

Notifications:

12/08/10 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
	DISPUB	Temporary signs placed around area
12/08/10 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov