



Metropolitan Sewer District

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

December 18, 2010

Carolena Bentley, DMR Coordinator
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 – November 2010**

Dear Ms. Bentley:

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 November 2010.

Also attached is a bypass report & overflow report.

There were no exceedences.

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 11.10

Enclosures

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



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

November 27, 2010

Mr. Charlie Roth, District Supervisor
KY Division of Water
Louisville Regional Office
9116 Leesgate Road
Louisville, KY 40222-5084

Re: Bypass Report for the: Chenoweth Hills WQTC- KPDES Permit: KY0029459

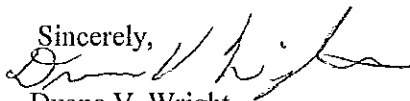
Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 AM on November 25, 2010, referencing Work Order 1170737 as a Rain event discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: Rain event in the area resulted in elevated flows to the treatment plant. The excess flow caused solids to wash out of the plant to the receiving stream. Approximately 77,800 gallons of wastewater entered the stream.
- Period of noncompliance: Starting 08:45 PM on November 25, 2010 and stopping 11:40 PM on November 25, 2010.
- Steps taken or planned to reduce, eliminate and prevent recurrence: We are in the process of implementing an auto shut off system to the small package plant blowers when flows are elevated and exceed design capacity.
- Additional comments: No additional comments

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7574, my cell phone at (502)-396-9142 or via email at wrightd@msdlouky.org.

Sincerely,

Duane V. Wright
Process Supervisor-Operations

cc: Gary Levy, KDEP
Paula Purifoy, MSD
eB File



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

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

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

Form Approved.
 OMB No. 2040-0004

KY0029459
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	11	01		10	11	30

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 (DD) 00300 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	7	*****	*****	(19)	0	0 % 07	GR
PH	*****	*****	*****	*****	6.9	*****	*****	(12)	0	0 % 07	GR
SOLIDS, TOTAL SUSPENDED 00500 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	10	*****	*****	(19)	0	0 % 07	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.6	*****	*****	(19)	0	0 % 07	CP
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.7	*****	*****	(19)	0	0 % 07	CP
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 00050 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.108	*****	*****	(03)	0	0 % 07	GR
CHLORINE, TOTAL RESIDUAL 00060 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	0.010	*****	*****	(19)	0	0 % 07	GR

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. SCHARDEIN, 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 Thomasson, Sr.
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 5406000
 DATE 10 12 27
 AREA CODE NUMBER YEAR MO DAY

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

NAME CHENOWETH HILLS WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
6405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CHENOWETH HILLS WQTC MSD
LOCATION JEFFERSONTOWN KY 40299
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029459
PERMIT NUMBER

001 1
DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	11	01		10	11	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			
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	4	50	(13)	0	%	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	1			
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	4	6	(26)	*****	4	5	(17)	0	%	CP
	PERMIT REQUIREMENT	50	100		*****	30	50				
		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

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

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Signature of Principal Executive Officer or Authorized Agent
Dennis Thomasson, Sr

TELEPHONE
502 540 6000
DATE
10 12 22
AREA CODE NUMBER YEAR MO DAY

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



Report Selections: Excluding PPI, CSO, Prob Code: BYPAS, 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
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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>
DISREV: RAIN EVENT DISCHARGE	1170737	11/25/10 08:45 PM	MARKS JR	BRAZEL	DOCUMENTED	09/27/02	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	11/25/10 11:40 PM	

Spot Inspections:

Discharge Amount:	77,800 GAL
Cause:	RAIN EVENT CAUSED BYPASS LACK OF SYSTEM CAPACITY
Clean Up:	NO CLEANUP REQUIRED SUBMERGED DISCHARGE PIPE
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED SUBMERGED DISCHARGE
Repair:	RAIN SUBSIDED

Notifications:

11/25/10 09:42 PM	DISPUB	public notified by temporary signs and msd web sites
11/25/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
11/25/10 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov