

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

Inave V. Krighto

DVW/Chenoweth Hills 11.10

Enclosures

cc: C. Roth (DOW Louisville)

R. Shaw

T. Singleton







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 wastwater 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 emplementing 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.

Duane V. Wright

Process Supervisor-Operations

cc:

Gary Levy, KDEP Paula Purifoy, MSD

eB File

CHENDWETH HILLS WOTC MSD

ADDRESS C/B CEDAR CREEK WOTO SAGE CEDAR CREEK RD

LOUISVILLE FACILITY

KY 40211

CHEMOWETH HILLS WOTC MSD LOCATION JEFFERSONTOWN

KY 40299 DEWNIS THOMASSON, SR METRO OPS

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

MONITORING PERIOD

TO

DAY

KY0029459 PERMIT NUMBER

MO

YEAR

FROM

001 DISCHARGE NUMBER

YEAR MO

DAY

MINOR (SUBR LV) F - FINAL OMB No. 2040-0004

Form Approved.

JEFFE

SAMITARY WASTEWATER EFFLUENT

*** NO DISCHARGE 1 ; 444

NOTE: Read Instructions before completing this form

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

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

NAME

FACILITY

CHENOMETH WILLS WOTC MSD

ADDRESS C/Q CEDAR CREEK WGTC

5905 CEDAR CREEK RD

LOUISVILLE KY 40211

DENNIS THOMASEON, SR METRO OPS

CHENOWETH HILLE WOTO MED

KY 40277

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

MONITORING PERIOD

TO

DAY

KY0029459 PERMIT NUMBER

MO

YEAR

FROM

001 DISCHARGE NUMBER

DAY

YEAR MO

MINOR (SUBR LV) Form Approved. OMB No. 2040-0004

F - FINAL

SANITARY WASTEWATER EFFLUENT

*** NO DISCHARGE |__ | ***

NOTE: Read Instructions before completing this form.

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Chenoweth Tot. Flow≕	Hills 3.248	Report for	Nov-10 Concentra		Tot. Exc.=	0	Davis		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	Pounds BOD	NH3	Tot. Phos.
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11/5/10	0.079								
11/6/10	0.084					•			
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11/9/10	0.071	6	4	0.5	1	3.55284	2.36856	0.29607	3.24
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11/11/10	0.062								
11/12/10	0.075								
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11/19/10	0.077								
11/20/10	0.093								
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11/22/10	0.062								
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11/24/10	0.135								
11/25/10	0.331								
11/26/10	0.252								
11/27/10	0.117								
11/28/10	0.112								
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11/30/10	0.318				······································				
Average	0.108	9.50	4.00	0.66	3.50	8.68	3.51	0.59	3.46
Maximum	0.331	15.00	5.00	0.90	50.00	16.51	5.50	0.99	3.78
Exceed.	3	0	0	0	0	0	0	0	



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

KPDES # KY0029459 Facility ID MSD0263

Water Quality Treatement 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

Activity Code / Description DISREV: RAIN EVENT

WO#

Initiated

Initiated By MARKS JR

Assigned To

Disch Status

Event Date

Problem

Result

Completed 11/25/10 11:40 Condition

DISCHARGE

1170737 11/25/10 08:45 PM

BRAZEL

DOCUMENTED

09/27/02

BYPASS AT WQTC

UNAUTHORIZED DISCHAGE -

WATERS

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