

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

June 11, 2010

Ms. Carolena Bentley, DMR Coordinator Kentucky Division of Water 200 Fair Oaks Lane, 4<sup>th</sup> Floor Frankfort, Kentucky 40601

**Re:** MSD Metro Operations

Lake Forest WQTC (aka Chenoweth Run WQTC)

KPDES No.: KY0042226

Discharge Monitoring Reports - May 2010

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Lake Forest WQTC (aka Chenoweth Run WQTC), KPDES No.: KY0042226 for the month of May 2010.

Also attached is the bypass letters and overflow report.

There were no exceedences.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7574.

Sincerely,

Duane V. Wright

Process Supervisor Central Region

DVW/ Lake Forest 05.10

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



NAME CHENCHMITH FUR HOTE

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LOCATION LOUISVILLE JATTEL DEWELS THOMASSIED, SE METER OFS

KY 40223

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YEAR

FROM

**MONITORING PERIOD** 

TO

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YEAR MO~ DAY,

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

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Form Approved.

OMB No. 2040-0004

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NOTE: Read Instructions before completing this form.

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

NAME

CHENDWELL BOW WOLL

ADDRESS C/D CEDAR CREEK WOTC

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LOUISVILLE

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FACILITY CHONDINETH RUN MOTO

LOCATION LOUISVILLE KY 40223 ATTAL BYTHER THOMASSON, SK METRO OPS NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

MONITORING PERIOD

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Form Approved.

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NOTE: Read Instructions before completing this form

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NAME/TITLE PRINCIPAL EXECUTIVE	OFFICER I certify prepared	under penalty of law that thi l under my direction or supe	s document and all attachme	ents were system designed							relephon	=	DA	TE
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OMMENTS AND EXPLANATION OF	ANY VIOLATIONS	the possibility of fine and in	oprisonment for knowing vid	olations.		<u> </u>	ICER OR AUTI	TORIZE	AGENT	ARE/ CODI	NUMBER		YEAR M	O DAY

LAKE FORE	ST	Report for	May-10		Tot. Exc.=	0				
Tot. Flow=	Tot. Flow= 13.897		Concentr	ations			Pounds	Conc.		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos	
5/1/10	0.574									
5/2/10	0.813									
5/3/10	0.843									
5/4/10	0.749									
5/5/10	0.599									
5/6/10	0.366	4	3	2.41	2	12.210	9.157	7.356	1.68	
5/7/10	0.445									
5/8/10	0.384									
5/9/10	0.397									
5/10/10	0.348	5	3	2.07	2	14.512	8.707	6.008	3.25	
5/11/10	0.356								-1.20	
5/12/10	0.446									
5/13/10	0.422									
5/14/10	0.381									
5/15/10	0.375									
5/16/10	0.409									
5/17/10	0.425	6	2.42	1.68	2	21.267	8.578	5.955	4.4	
5/18/10	0.378									
5/19/10	0.337									
5/20/10	0.367									
5/21/10	0.408									
5/22/10	0.609									
5/23/10	0.45									
5/24/10	0.395	4	2	1.2	2	13,177	6.589	3.953	4.23	
5/25/10	0.361									
5/26/10	0.33									
5/27/10	0.372									
5/28/10	0.35									
5/29/10	0.363									
5/30/10	0.356									
5/31/10	0.489	***								
Average	0,448	4.75	2.61	1.84	2.00	15.29	8.26	5.82	3.39	
Maximum	0.843	6.00	3.00	2.41	2.00	21.27	9.16	7.36	4.40	



700 West Liberty Street Louisville Kentucky 40203-1911 502-540-6000 www.msdlouky.org

May 4, 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 Run WQTC-KPDES Permit: KY0042226

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 AM on May 03, 2010, referencing Work Order 1062502 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: On May 2 & 3 2010, due to increased plant flow caused by storm event, the aeration basins overflowed, resulting in a wet weather discharge to the waters of the U.S. Plant aeration was shut off prior to the bypass. Approximately 94,500 gallons overflowed. Plant design flow is 0.470 MGD. The peak plant flow during this bypass was 0.865 MGD. The total plant flow for May 2 was 0.813 MGD and 0.843 MGD on May 3.
- Period of noncompliance: Starting 03:00 PM on May 02, 2010 and stopping 12:30 AM on May 03, 2010.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Bypass was stopped once plant flow decreased.

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.

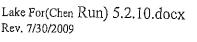
Sincerely,

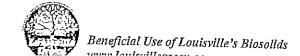
Duane V. Wright

Process Supervisor-Operations

cc:

Gary Levy, KDEP Paula Purifoy, MSD eB File







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

KPDES#	
KY0042226	

Facility ID MSD0403

Water Quality Treatement Center CHENOWETH RUN

BRAZEL

Receiving Stream of Treatment Center CHENOWETH RUN

Region CENT

Facility Type

DISCHARGE

Facility ID

**Facility Address** 

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SPL Sewer Treatment Plant

MSD0403

14000 BECKLEY TRCE

CHENOWETH RUN

GROUND

Condition

**Activity Code / Description** DISREV: RAIN EVENT

WO#

Initiated 1062502 05/02/10 03:00 PM Initiated By ELDER

Assigned To Disch Status DOCUMENTED Event Date Problem 05/20/05 BYPASS AT WQTC

Result UNAUTHORIZED Completed

05/03/10 12:30

DISCHAGE -- AM

WATERS

## Spot Inspections:

Discharge Amount	94,500 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	CONTAINED ON MSD PROPERTY BEHIND A 6' FENCE
Impact	SEWAGE OBSERVED
Repair.	THIS SITE FOUND DURING RAIN EVENT RECON- WILL BE MONITORED & EVALUATED FOR REPAIR

## Notifications:

	05/02/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
	05/02/10 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffrles@ky.gov
:	05/12/10 09:24 AM	DISPUB	MSD advised customer on site



700 West Liberty Street Louisville Kentucky 40203-1911 502-540-6000 www.msdlouky.org

May 4, 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 Run WQTC-KPDES Permit: KY0042226

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 AM on May 03, 2010, referencing Work Order 1062505 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: On May 2 & 3 2010, due to increased plant flow caused by storm event, the lagoon overflowed, resulting in a wet weather discharge to the waters of the U.S. A trash pump was put in place to alleviate pressure on the earthen wall of the lagoon. Approximately 540,000 gallons was pumped out of the lagoon. The design plant flow is 0.470 MGD. The peak plant flow for this event was 0.865 MGD. The total flow on May 2 was 0.813 MGD and 0.843 MGD on May 3.
- Period of noncompliance: Starting 03:45 PM on May 02, 2010 and stopping 09:45 PM on May 03, 2010.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Bypass stopped once plant flow decreased.
- 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@nisdlouky.org.

incerely, Whright

Duane V. Wright

Process Supervisor-Operations

cc:

Gary Levy, KDEP Paula Purifoy, MSD

eB File





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

KPDES#

KY0042226 (Cont'd)

Facility ID

MSD0403

Water Quality Treatement Center

CHENOWETH RUN

Receiving Stream of Treatment Center

CHENOWETH RUN

Region CENT

Condition

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO # 1062505 Initiated 05/02/10 03:45 PM Initiated By ELDER

Assigned To BRAZEL

Disch Status DOCUMENTED Event Dato Problem

05/20/05 PUMPED OVERFLOW

Result

WATERS

UNAUTHORIZED DISCHAGE -

05/03/10 09:45

Completed

PΜ

Spot Inspections:

Discharge Amount	540,000 GAL	
Cause:	WASTE LEVEL OVERTOPPING CATCH BASIN	
Clean Up:	NO DEBRIS	
Control Zone;	CONTAINED ON MSD PROPERTY	
mpact	SEWAGE OBSERVED	
Repair.	POND LEVEL WAS LOWERED TO PREVENT OVERTOPPING BASIN.	

## Notifications:

=			
. (	05/02/10 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
	05/02/10 01:00 PM	i contract of the contract of	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
	05/12/10 09:25 AM	DISPUB	MSD advised customer on site

Total Facilities Printed: 131 Total Work Orders Printed: 149