

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

May 21, 2008\

Ms. Kathy Thurman Kentucky Division of Water 14 Reilly Road Frankfort, Kentucky 40601

Re: MSD Metro Operations

Lake Forest WTP (aka Chenoweth Run WTP)

**KPDES No.: KY0042226** 

Discharge Monitoring Reports – April 2008

E. Brt. Jr.

Dear Ms. Thurman:

Attached is the Discharge Monitoring Reports (DMRs) and the Discharge Reports for the Lake Forest WTP (aka Chenoweth Run WTP), KPDES No.: KY0042226 for the month of April 2008. Also enclosed is the Bypass Report letter for April 2008. There was one violation for the month. The violation was for monthly average on BOD which was direct result of elevated plant flows. If you have any questions concerning the attached DMRs, please contact me at (502) 239-7695.

Sincerely,

-Yames E. Porter Jr.

Process Supervisor Central Region

JEP/ Lake Forest 0408

Enclosures

cc: C. Roth (DOW Louisville)

T. Singleton

R. Shaw





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

April 7, 2008

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

Bypass Report for the Lake Forest WTP (Chenoweth Run) - KPDES Permit Re: KY0042226

Dear Mr. Roth:

This plant experienced a bypass event starting at 5:55 AM on April 4, 2008 and stopping at 3:00 PM on April 4, 2008. This was reported through our electronic notification system at approximately 1:00 PM on April 4, 2008, referencing Work Order #765519, 765534, 765532, 765524 as a Rain Event Discharge. This letter serves as a written report of the bypass as required by 401 KAR 5:065.

An estimated amount of 405,000 gallons of wastewater overflowed from secondary clarifiers. This was a result of excessive flow entering plant during the rain event on April 4, 2008 causing the secondary clarifiers to overflow. The entire overflow reached waters of the US and cleanup was performed by plant personnel.

Please advise if you have any questions concerning this information. You can contact me at my office (502) 239-7695 or via my cell phone (502) 523-9957.

Sincerely,

James E. Porter Jr.

Central Region Supervisor

D. Guthrie cc:

R. Shaw/File

M. Jenkins

B. Bingham

Angela Akridge

D. Thomasson

D. Talley



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

KPDES # KY0042226		lity ID 0403		nt Plant Name OREST/BECKLE	nt Name Receiving Stream of Treatr T/BECKLEY WOODS CHENOWETH RUN				Region CENT	
Facility Type SPL Sewer Treatment Plant	Facility ID MSD0403		Facility Address 14000 BECKLEY TRCE		If Pump Station	If Pump Station, Name of Pump Stati		eiving Stream ENOWETH RUN	Discharge to GROUND	
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 765524	<u>Initiated</u> 04/04/08 12:00 AM	<u>Initiated By</u> ELDER	<u>Assigned To</u> LAMBDIN JR	<u>Disch Status</u> DOCUMENTED	<u>Event Date</u> 05/20/05	<u>Problem</u> BYPASS AT TREATMENT PLANT	Result DISCHARGE TO WATERS OF THE US	<u>Completed</u> 04/04/08 04:00 PM	
Spot Inspections:										
Discharge Amou	ınt:	135,000 GAL							· .	
Cause:		LACK OF SYST	TEM CAPACITY DU	JE TO RAIN						
Clean Up:			& SANITIZED TH	E AREA						
Control Zone:		NO CONTROL	ZONE- MSD PROF	PERTY						
Impact		SEWAGE OBS	ERVED OVERFLO	WING PLANT 2 AERA	ATION BASIN TO CRE	EK				
Repair:		THIS LOCATIO	N WILL BE IN THE	SANITARY SEWER	DISCHARGE PLAN TO	BE SUBMITTE	D BY 12/31/08			
Notifications:										
04/04/08 12:58	AM	Email notification	on of unauthorized o	discharge sent to irela	nd,sean@epa.gov, epp	c.ert@ky.gov and	d LisaA.Jeffries@ky.gov			

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

KPDES#	
WV0042226	(Cont'd)

Facility ID

Treatment Plant Name

Receiving Stream of Treatment Plant CHENOWETH RUN

Region CENT

Activity Code / Description
DISREV: RAIN EVENT

DISCHARGE

WO # 765519 Initiated 04/04/08 05:55 AM Initiated By ELDER Assigned To Disch Status

LAMBDIN JR DOCUMENTED

Event Date 05/20/05 Problem BYPASS AT

TREATMENT PLANT

Result
DISCHARGE TO
WATERS OF THE
US

<u>Completed</u> 04/04/08 03:00 PM

Spot Inspections:

Discharge Amount:

540.000 GAL

Cause:

LACK OF SYSTEM CAPACITY DUE TO RAIN

Clean Up:

MSD CLEANED & SANITIZED THE AREA

Control Zone:

NO CONTROL ZONE- ON MSD PROPERTY

Impact:

SEWAGE OBSERVED OVERFLOWING PLANT 1 AERATION BASIN TO CREEK

Repair:

THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

Notifications:

04/04/08 12:58 AM

Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

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

KPDES # KY0042226 (Cont'd)	Facil MSD	lity ID 0403		nt Plant Name OREST/BECKLEY	woods		ing Stream of Treatmo	ent Plant	Region CENT
Activity Code / Description DISREV: RAIN EVENT DISCHARGE	<u>WO #</u> 765532	<u>Initiated</u> 04/04/08 05:55 AM	Initiated By ELDER	Assigned To LAMBDIN JR	<u>Disch Status.</u> DOCUMENTED	Event Date 05/20/05	<u>Problem</u> BYPASS AT TREATMENT PLANT	Result DISCHARGE TO WATERS OF THE US	<u>Completed</u> 04/04/08 03:00 PM
Spot Inspections:									
Discharge Amou	nt:	135,000 GAL							
Cause:		LACK OF SYST	EM CAPACITY DI	JE TO RAIN					
Clean Up:		: MSD CLEANED	& SANITIZED TH	E AREA					
Control Zone;			ZONE- ON MSD P						
Impact:		SEWAGE OBSE	RVED OVERFLO	WING PLANT 3 AERA	TION BASIN TO CRE	EΚ			
Repair:		THIS LOCATIO	N WILL BE IN THE	SANITARY SEWER I	DISCHARGE PLAN TO	BE SUBMITTED	BY 12/31/08		
Notifications:		Email notificatio	n of unauthorized	discharge sent to irelar	nd.sean@epa.gov, epp	c.ert@ky.gov and	i LisaA.Jeffries@ky.gov		

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

KPDES#	
MVnnappa	(Confid)

Facility ID MSD0403

Treatment Plant Name LAKE FOREST/BECKLEY WOODS

Receiving Stream of Treatment Plant CHENOWETH RUN

Region CENT

Completed

Activity Code / Description DISREV: RAIN EVENT

DISCHARGE

WO# 765534

Initiated 04/04/08 05:55 AM Initiated By Assigned To ELDER LAMBDIN JR Disch Status DOCUMENTED Event Date 05/20/05

Problem BYPASS AT

DISCHARGE TO TREATMENT PLANT WATERS OF THE US

Result

04/04/08 03:00 PM

Spot Inspections:

Discharge Amount:

81,000 GAL

Cause:

LACK OF SYSTEM CAPACITY DUE TO RAIN

Clean Up:

MSD CLEANED & SANITIZED THE AREA

Control Zone:

NO CONTROL ZONE- ON MSD PROPERTY

Impact:

SEWAGE OBSERVED OVERFLOWING PLANT 4 AERATION BASIN TO CREEK

Repair:

THIS LOCATION WILL BE IN THE SANITARY SEWER DISCHARGE PLAN TO BE SUBMITTED BY 12/31/08

Notifications:

04/04/08 12:58 AM

Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Total Facilities Printed: 107 Total Work Orders Printed: 115 LOUISVILLE

FACILITY LARE FOREST MSD

LOCATION OUTSVILLE

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

Form Approved. OMB No. 2040-0004

ADDRESS C/O CEDAR CREEK STP

MADS CEDAR CREEK RU

KY 40223

**以下の04フラから** PERMIT NUMBER DISCHARGE NUMBER

MINITE (SUBB LV) F - FINAL

JEFFE

KY 40211

YEAR MO DAY FROM

MONITORING PERIOD YEAR MO DAY TO -----12

EFFLUENT WHE NO DISCHARGE ! ! \*\*\*

SANITARY WASTEWATER

TIN: DENNIS THOMASS  PARAMETER		QUAN	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				FREQUENCY	SAMPLE
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FFLUENT GROSS VALU	REQUIREMENT	300A AVG	MY YJIAC	LBE/DY	200	30DA AVG	DAILY MX	1			
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

MONITORING PERIOD

Form Approved. OMB No. 2040-0004

NAME LAKE FOREST MSD

ADDRESS C/O CEDAR CREEK STD

SAUS CEDAR CREEK RD

LOUISVILLE FACILITY LAKE FOREST MSD

LOCATION DUTSVILLE

KY 40211

MY 40223

MYOD4072A PERMIT NUMBER

MO

DAY

YEAR

FROM

()()1 DISCHARGE NUMBER

DAY

YEAR MO

MIMOR (SUBB LV) F - FINAL

JEFFE

SANITARY WASTEWATER

EFFLUENT

\*\*\* NO DISCHARGE | | \*\*\*

PARAMETER		TRU OPS QUAN	TITY OR LOADING		QUALITY OR CONCENTRATION NO. EX					SAMPLE TYPE
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02221/Offis is a 4-part form.

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