

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

September 24, 2009

Ms. Carolena Bentley Kentucky Division of Water 200 Fair Oaks Lane Frankfort, Kentucky 40601

Re:

**MSD Metro Operations** 

Berrytown WQTC; KPDES No.: KY0036501 Discharge Monitoring Reports – August 2009

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of August 2009.

Also included is a discharge report for the month of August.

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

Sincerely,

Tuare V. Wright

Process Supervisor Central Region

DVW/Berrytown 0809

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



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

Form Approved, OMB No. 2040-0004

BERRYIOWN WOTC MED ADDRESS C/O CEDAR CREEK STP

LOUISVILLE

SAGE CEDAR CREEK RD

KY 40211

KY0036501 001 2 PERMIT NUMBER DISCHARGE NUMBER ROMIM (SUBR LV) F - FINAL

JEFFE

**FACILITY** 

BERRYTOWN WATC MED LOCATION LOUISVILLE

KY 40222 DEMNIS THOMASSON, SR METRO OPS

**MONITORING PERIOD** YEAR MO DAY YEAR MO DAY FROM OB U.L то Г U 7 くひ

SANITARY WASTEWATER EFFLUENT

\*\*\* NO DISCHARGE | \_ | \*\*\* NOTE: Read Instructions before completing this form.

PARAMETER				******	NOTE: Read instructions before completing this form.						
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
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20300   0 0 Effluent grass value	PERMIT REQUIREMENT	交替与特殊会	*******	· 安徽安 · 医安安安	INST MI	<b>计算机</b>	<b>*********</b>	MG/L	<i>(</i> )	/o>	GR MAE
<sup>3</sup>   <del>-</del> <sup>2</sup>	SAMPLE MEASUREMENT	安全政策会会	<b>一种经验最终</b> 证		6.8	安安安安安安	7.1	(12)	0	01/05	10
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OMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PAGE

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

Form Approved. OMB No. 2040-0004

ADDRESS C/C CEDAR CREEK STP GR MEERS GAGES SCAR

KYOOBASOI PERMIT NUMBER MY 40211

001 DISCHARGE NUMBER MINOR (SUBR LV) F - FINAL

SEFFE

LOUISVILLE

DEPRYTOWN WOTO MED LOCATION LOUISVILLE

KY 40222 <u>DENNIS THOMASSON. SR METRO OPS</u>

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NOTE: Read Instructions before completing this form.

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	OF ANALYSIS	TOTAL
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TYPED OR PRINTED COMMENTS AND EXPLANATION OF	including	re that there are significant p the possibility of fine and im	prisonment for knowing vio	information, lations.	SIGNATURE OF PRINCIPAL EXECUTIVE 3 // 2   SIGNATURE OF PRINCIPAL EXECUTIVE AREA CODE					YEAR MO	

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

PAGE

Berrytown Tot. Flow=	2.479	Report for	Aug-09		Tot. Exc.=	0			
Date	Flow	TSS	Concentr		_		Pounds		
8/1/09	0.142	100	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
8/2/09	0.142								
8/3/09	0.107	F	_	,					
8/4/09	0.149	5	5	5.2	1	3.294	3.294	3.426	
8/5/09	0.283								
8/6/09	0.161								,
8/7/09	0.112			0.055				0.074	
8/8/09	0.087								
8/9/09	0.08								
8/10/09	0.079	3	•						
8/11/09	0.121	3	3	0.055	1	1.977	1.977	0.036	
8/12/09	0.121								
8/13/09	0.069								
8/14/09	0.057								
8/15/09	0.057								
8/16/09	0.057								
8/17/09	0.055	4	2	• • •					
8/18/09	0.043	4	3	0.11	1	1.835	1.376	0.050	
8/19/09	0.05								
8/20/09	0.054	•							
8/21/09	0.048								
8/22/09	0.052								
8/23/09	0.054								
8/24/09	0.049	3	3	0.44				,	
8/25/09	0.047	3	3	0.11	1	1.226	1.226	0.045	
8/26/09	0.05								
8/27/09	0.05								
8/28/09	0.049								
8/29/09	0.049								
8/30/09	0.049								
8/31/09	0.05								
verage ===	0.080	3.75	3.50	1 1 1	4.00				
/laximum	0.283	5.00	5.00	1.11 5.20	1.00	2.08	1.97	0.73	0.00
xceed.	12	0.00	0	5.∠0 0	1.00	3.29	3.29	3.43	0.00
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August 7, 2009

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

Bypass Report for the Berrytown STP MSD0209A - KPDES Permit KY0036501 Re:

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 04:15 PM on August 04, 2009, referencing Work Order 938663 as a Wet Weather Discharge. This letter serves as a written report of the bypass as required by 401 KAR

Provided below are the details of the bypass event:

- Description of the noncompliance and its cause: The treatment plant experienced a bypass when an extremely unusual and heavy rain event caused elevated water levels in clarifier weirs. Because of the elevated levels in the tanks, water exited rust holes.
- Period of noncompliance: Starting 04:50 PM on August 04, 2009 and stopping 10:00 PM on August 04, 2009.
- Steps taken or planned to reduce, eliminate and prevent recurrence: MSD will repair rust holes

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# KY0036501

Facility ID MSD0209

Water Quality Treatement Center BERRYTOWN

Receiving Stream of Treatment Center FLOYDS FORK

Region CENT

Facility Type

Facility ID

**Facility Address** 

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SPL Sewer Treatment Plant

MSD0209

1203 HEAFER RD

FLOYDS FORK

STREAM

Activity Code / Description

WO#

Initiated

**Initiated By** ELDER

Assigned To

Disch Status REPAIRED -

**Event Date** <u>Problem</u> 08/04/09 LACK OF SYSTEM Result

Completed

Condition

DISREV: RAIN EVENT DISCHARGE

938663

08/04/09 04:50 PM

LANGFORD

ISSUE

RESOLVED

CAPACITY

**UNAUTHORIZED** DISCHAGE -WATERS

08/04/09 10:00

PM

Spot inspections:

Discharge Amount

38,000 GAL

Cause:

STRUCTURE FAILURE, RUSTED HOLES IN TANK

Clean Up:

CONTRACTOR CLEANED & SANITIZED THE AREA

Control Zone:

TEMPORARY SIGNS POSTED

Impact

SEWAGE OBSERVED

Repair:

MAINTENANCE PERSONNEL IS WORKING ON REPAIRING THE TANKS; WATER RECEDED TO NORMAL LEVELS

Notifications:

08/04/09 01:00 PM

DISNOT

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

08/04/09 04:50 PM

DISPUB

Temporary signs posted

08/04/09 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