



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,

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 0809

Enclosures

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



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

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

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
JEFFE

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME BERRYTOWN WQTC MSD
ADDRESS C/O CEDAR CREEK STP
8408 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY BERRYTOWN WQTC MSD
LOCATION LOUISVILLE KY 40222
ATTN: BARRIS THOMASSON, SR METRO OPS

KY0036501
PERMIT NUMBER
001 2
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	08	01		07	08	31

*** NO DISCHARGE ***
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 (DO)	*****	*****	*****		7	*****	*****	(19)	0	0/07	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	MG/L		WEEKLY	GRAB
PH	*****	*****	*****		6.8	*****	7.1	(12)	0	0/07	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	6.0 MINIMUM	*****	9.0 MAXIMUM	6U		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	*****	2.1	3.3	(26)	*****	4	5	(19)	0	0/07	CP
00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	18.8 30DA AVG	37.6 DAILY MX	LB/DY	*****	30 30DA AVG	60 DAILY MX	MG/L		WEEKLY	UNFUS
NITROGEN, AMMONIA TOTAL (AS N)	*****	0.73	3.43	(26)	*****	1	5	(19)	0	0/30	CP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.50 30DA AVG	5.00 DAILY MX	LB/DY	*****	4 30DA AVG	8 DAILY MX	MG/L		WEEKLY	UNFUS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	*****	0.080	0.283	(03)	*****	*****	*****		0	CN	CN
00050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT 30DA AVG	REPORT INST MAX	MGD	*****	*****	*****	***		CONT IN CONT IN	UDUS
CHLORINE, TOTAL RESIDUAL	*****	*****	*****		*****	<0.010	<0.010	(19)	0	0/07	GR
00060 1 0 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	0.011 MO AVG	0.019 DAILY MX	MG/L		WEEKLY	GRAB
COLIFORM, FECAL GENERAL	*****	*****	*****		*****	1	1	(13)	0	0/07	GR
14055 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	*****	*****	200 30DA SEC	400 #/ 7 DA SEC	100ML		WEEKLY	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
H. J. SCHARDEIN, JR.
EXECUTIVE DIRECTOR
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.

Diane V. Knight
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	5426000	09	09	23
AREA CODE	NUMBER	YEAR	MO	DAY

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

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

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT

JEFFE

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

NAME BERRYTOWN WQTC MSD
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3405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY BERRYTOWN WQTC MSD
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ATTN: DENNIS THOMASSON, SR METRO OPS

KY0036501
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	08	01		07	08	31

*** NO DISCHARGE 1-1 ***

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BOD, CARBONACEOUS 35 DAY, 20C 30082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT 2.0	3.3	(26)	*****	4	5	(19)	0	0/07	CP	
	PERMIT REQUIREMENT 30DA AVG DAILY MX LB/DY	12.8	37.6	*****	30	60	MG/L		WEEKLY	IMPUS	
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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Duane V. ...
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540 6000
DATE 09 09 23
AREA CODE NUMBER YEAR MO DAY

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



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

August 7, 2009

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

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

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 5:065.

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 ASAP.

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

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	938663	08/04/09 04:50 PM	ELDER	LANGFORD	REPAIRED - ISSUE RESOLVED	08/04/09	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE - WATERS	08/04/09 10:00 PM	

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

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0036501	MSD0209	BERRYTOWN	FLOYDS FORK	CENT

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