



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
Kentucky Division of Water
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Berrytown WQTC; KPDES No.: KY0036501
Discharge Monitoring Reports – May 2010**

Dear Ms. Bentley:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Berrytown WQTC, KPDES No.: KY0036501 for the month of May 2010.

Also attached is a bypass letter and overflow report.

There were no exceedences.

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

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Berrytown 05.10

Enclosures

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



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

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

NAME BERRY TOWN WOTC WSD
ADDRESS C/O CEDAR CREEK WOTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY BERRY TOWN WOTC WSD
LOCATION LOUISVILLE KY 40222
ATTN: DENNIS THOMASSEN SA METRO OPS

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

KY00035501	0002
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
(SUBR 1.1)
7 - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
98	05	27		98	06	28

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					1/2	1/2
80300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	INST MIN			MG/L			
PH		*****	*****		6.8		7.1			1/2	6.8
80400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	MINIMUM		MAXIMUM	50			
SOLIDS, TOTAL SUSPENDED		4.6	7.9	(20)		4	6			1/2	CF
80500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
NITROGEN, AMMONIA TOTAL (AS N)		0.36	0.81	(10)		0.3	0.6			1/2	CF
80600 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		0.116	0.266	(0.5)						1/2	CN
80050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	MGD							
CHLORINE, TOTAL RESIDUAL						<0.010	<0.010			1/2	6.8
80040 1 0 1 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					MO AVG	DAILY MX	MG/L			
COLIFORM, FECAL GENERAL						6	18			1/2	CF
74000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT					30DA GED	7 DA GED	100ML			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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.				SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		TELEPHONE		DATE	
H. J. SCHADWIN, JR. EXECUTIVE DIRECTOR TYPED OR PRINTED								121510 KOK		06 11	
						AREA CODE		NUMBER	YEAR	MO	DAY

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

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

NAME DEERHORN WGTG MFG
ADDRESS C/O CEDAR CREEK WGTG
6000 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY DEERHORN WGTG MFG
LOCATION LOUISVILLE KY 40222
ATTN DUNNIE THOMPSON SR METRO DPE

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

777032733	7/1/92
PERMIT NUMBER	DISCHARGE NUMBER

MINOR
SUBS LV
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE () ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
92	07	01		92	07	01

FROM

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
300. CARBONACEOUS 05 DAY, 20C BOD5 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.4	3.9	1.157		2	3	1.157	7	1/2	CP
	PERMIT REQUIREMENT	18.8 BOD5 AVG	37.6 DAILY MX	LBS/DY							
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
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	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER W. J. SHANDRIN, 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.	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Dunnie Thompson</i>	TELEPHONE 502 540 6007 AREA CODE NUMBER	DATE 10 06 92 YEAR MO DAY
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COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

Berrytown	Report for	May-10		Tot. Exc.=		0				
Tot. Flow=	3.607	Concentrations					Pounds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	
5/1/10	0.235									
5/2/10	0.17									
5/3/10	0.152									
5/4/10	0.266									
5/5/10	0.191									
5/6/10	0.157	6	3	0.28	8	7.856	3.928	0.367	0.129	
5/7/10	0.133									
5/8/10	0.123									
5/9/10	0.1									
5/10/10	0.082	3	2	0.34	1	2.052	1.368	0.233		
5/11/10	0.074									
5/12/10	0.098									
5/13/10	0.108									
5/14/10	0.101									
5/15/10	0.085									
5/16/10	0.143									
5/17/10	0.174	4	1.57	0.56	7	5.805	2.278	0.813		
5/18/10	0.141									
5/19/10	0.113									
5/20/10	0.094									
5/21/10	0.091									
5/22/10	0.161									
5/23/10	0.116									
5/24/10	0.084	4	3	0.055	18	2.802	2.102	0.039	1.06	
5/25/10	0.07									
5/26/10	0.063									
5/27/10	0.057									
5/28/10	0.056									
5/29/10	0.054									
5/30/10	0.052									
5/31/10	0.063									
Average	0.116	4.25	2.39	0.31	5.63	4.63	2.42	0.36	0.59	
Maximum	0.266	6.00	3.00	0.56	18.00	7.86	3.93	0.81	1.06	



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: Berrytown WQTC- KPDES Permit: KY0036501

Dear Mr. Roth:


This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on May 03, 2010, referencing Work Order 1062832 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 plant aeration basin overflowed, resulting in a wet weather bypass to waters of U.S. Plant aeration was shut off prior to bypass. Approximately 26,700 gallons overflowed. The design flow to this plant is 0.075 MGD. The peak plant flow during this bypass was 0.894 MGD. The total plant flow for this event was 0.170 MGD on May 2, and 0.151 MGD on May 3.
- Period of noncompliance: Starting 10:30 PM on May 02, 2010 and stopping 08:45 PM 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 # KY0036501	Facility ID MSD0209	Water Quality Treatment Center BERRYTOWN	Receiving Stream of Treatment Center FLOYDS FORK	Region CENT
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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	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1052832	05/02/10 10:30 PM	ELDER	VIERLING	FORCE MAJEURE	05/02/10	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	05/03/10 08:45 PM	

Spot Inspections:

Discharge Amount:	26,700 GAL
Cause:	LACK OF CAPACITY DUE TO RAIN EVENT IN AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	CONTAINED ON THE PLANT.
Impact:	SEWAGE OBSERVED.
Repair:	THIS SITE FOUND DURING RAIN EVENT RECON- WILL BE MONITORED & EVALUATED FOR REPAIR

Notifications:

05/03/10 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
05/03/10 01:00 AM	DISSNO	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 09:26 AM	DISPUB	MSD advised customer on site