



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

August 16, 2011

Ms. Cheryl Edwards  
Kentucky Division of Water  
200 Fair Oaks Lane, 4<sup>th</sup> Floor  
Frankfort, Kentucky 40601

**Re: MSD Metro Operations  
Chenoweth Run WQTC  
KPDES No.: KY0042226  
Discharge Monitoring Reports – July 2011**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Chenoweth Run WQTC, KPDES No.: KY0042226 for the month of July 2011.

Also attached is an overflow report.

There were no exceedences or bypasses.

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/ Chen. Run 7.11

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)  
7 - FINAL  
SANITARY WASTEWATER  
EFFLUENT  
\*\*\* NO DISCHARGE \*\*\*

NOTE: Read Instructions before completing this form.

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

NAME WINDLEBETH RUP WQTC  
ADDRESS 670 CEDAR CREEK WQTC  
1905 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY WINDLEBETH RUP WQTC  
LOCATION LOUISVILLE KY 40223  
ATTN DENNIS THOMPSON, SR METRO DEP

AT0000000		0000000					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO.	DAY	TO	YEAR	MO.	DAY

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
XY0201 - 115500000 (DB)	SAMPLE MEASUREMENT				8					0 1/1	GR
00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			***	INST MIN			MG/L			
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			***	6.7		7.3			0 1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			***	MINIMUM		MAXIMUM	SD			
00500 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	11	20			4	6			0 1/7	CP
00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
00600 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.18	3.6			0.7	1			0 1/7	CP
00600 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			
00800 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					4.5	4.7			0 1/7	CP
00800 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			***		30DA AVG	DAILY MX	MG/L			
00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.381	0.485							0 CN	CN
00900 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	30DA AVG	INST MAX	MGD							
01000 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					20.010	20.010			0 1/1	GR
01000 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT			***		30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H. J. SCHARDIN, JR.  
FXRC DIR.  
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  
*Dennis V. Thompson*

TELEPHONE DATE  
502 540 6000 11 8 22  
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 WRENDSMETH RUN WQTC  
 ADDRESS 170 CEDAR CREEK WQTC  
 1705 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY WRENDSMETH RUN WQTC  
 LOCATION LOUISVILLE KY 40225  
 WITH DEANIS THOMPSON SR METRO KYE

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

KY0002220  
 PERMIT NUMBER

001 2  
 DISCHARGE NUMBER

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

Form Approved.  
 OMB No. 2040-0004

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY

FROM

TO

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
GENERAL EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT					2	4			0 1/2	GR
	PERMIT REQUIREMENT										
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	7.3	9.9			2	3			0 1/2	CP
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H.J. SCHARDIN JR.  
 EXEC DIR  
 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.

*Deane Wright*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 502 540-6000  
 DATE  
 11 7 22  
 AREA CODE NUMBER YEAR MO DAY

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



Initiated Jul 01, 2011 12:00 AM thru Jul 31, 2011 11:59 PM

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

**KPDES #** KY0042226     
 **Facility ID** MSD0403     
 **Water Quality Treatment Center** CHENOWETH RUN     
 **Receiving Stream of Treatment Center** CHENOWETH RUN     
 **Region** CENT

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	80377B-AG	605 WOODLAKE DR		CHENOWETH RUN, UPPER	STREAM

  

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISDW: DRY WEATHER DISCHARGE	1292638	07/02/11 11:15 PM	ELDER	BRAZEL	REPAIRED - ISSUE RESOLVED	07/02/11	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATER S	07/02/11 11:50 PM	

**Spot Inspections:**

Discharge Amount:	35 GAL
Cause:	STRUCTURE FAILURE, FORCE MAIN PIPE BROKEN UNDER GROUND
Clean Up:	TO BE CLEANED & SANITIZED BY CONTRACTOR WHEN REPAIRS ARE MADE
Control Zone:	TEMPORARY SIGNS PLACED AROUND AREA
Impact:	SEWAGE ON THE GROUND AT THE SITE
Repair:	SHUT OFF ONE OF DUAL FORCE MAINS AT BECKLEY STATION PS

**Notifications:**

DISPUB	TEMPORARY SIGNS PLACED AROUND AREA
07/02/11 01:00 PM	DISNOT Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

Chenoweth Run		Report for	Jul-11		Tot. Exc.=		0			
Tot. Flow=	11.818		Concentrations				Pounds		Conc.	
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	T Phos	
7/1/11	0.379									
7/2/11	0.376									
7/3/11	0.485									
7/4/11	0.394	6	3	1.1	4	19.716	9.858	3.615	4.7	
7/5/11	0.368									
7/6/11	0.37									
7/7/11	0.392									
7/8/11	0.412									
7/9/11	0.393									
7/10/11	0.393	4	2	0.56	3	13.110	6.555	1.835	4.47	
7/11/11	0.384									
7/12/11	0.382									
7/13/11	0.368									
7/14/11	0.385									
7/15/11	0.377									
7/16/11	0.386									
7/17/11	0.387	2	2	0.56	3	6.455	6.455	1.807	4.28	
7/18/11	0.389									
7/19/11	0.366									
7/20/11	0.401									
7/21/11	0.485									
7/22/11	0.368									
7/23/11	0.369									
7/24/11	0.386	2	2	0.45	1	6.438	6.438	1.449	4.52	
7/25/11	0.356									
7/26/11	0.357									
7/27/11	0.351									
7/28/11	0.341									
7/29/11	0.324									
7/30/11	0.342									
7/31/11	0.352									
Average	0.381	3.50	2.25	0.67	2.45	11.43	7.33	2.18	4.49	
Maximum	0.485	6.00	3.00	1.10	4.00	19.72	9.86	3.61	4.70	