



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

January 26, 2010

Ms. Carolena Bentley, DMR Coordinator
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Starview WQTC; KPDES No.: KY0031712
Discharge Monitoring Reports – December 2009.**

Dear Ms. Bentley:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of December 2009.

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/Starview 1209

Enclosures

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



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

NAME STARVIEN WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
8405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY STARVIEN WQTC MSD
LOCATION LOUISVILLE KY 40243
ATTN DENNIS THOMASSEN, SR METRO OPS

010001/12
PERMIT NUMBER

0011
DISCHARGE NUMBER

MINOR (SUBP LV)
F - FINAL JEFFE
SANITARY WASTEWATER EFFLUENT
*** NO DISCHARGE [] ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	12	31		07	12	31

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 (OD) 00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	MG/L	0	0/07	GR
PH 00400 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.7	*****	6.9	SV	0	0/07	GR
SOLIDS TOTAL SUSPENDED 00500 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	2.9	3.5	LBS/DY	3	5	MG/L	0	0/07	CP	
NITROGEN AMMONIA TOTAL (AS N) 00610 1 2 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.14	0.3	LBS/DY	0.1	0.3	MG/L	0	0/07	CP	
PHOSPHORUS TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.7	1.1	MG/L	0.7	1.1	MG/L	0	0/07	CP	
FLOW IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.11	0.21	MGD	0.11	0.21	MGD	0	CN	CN	
CHLORINE TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	20.010	20.010	MG/L	20.010	20.010	MG/L	0	0/07	GR	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
M.S. SCHARDMAN, 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
Dennis Thomassen, Sr.

TELEPHONE: 502 540 6000
DATE: 10 01 26
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 STARVIEW WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
3405 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY STARVIEW WQTC MSD
LOCATION LOUISVILLE KY 40243
ATTN DENNIS THOMASSON SR METRO DPE

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

Form Approved.
OMB No. 2040-0004

XY0021712
PERMIT NUMBER

002 1
DISCHARGE NUMBER

MINOR
(SUBR LV)
F - FINAL
SANITARY WASTEWATER
EFFLUENT
*** NO DISCHARGE [] ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY

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				
COLIFORM, FECAL GENERAL 74050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	1	3	100ML		0	0/07	GR
	PERMIT REQUIREMENT	*****	*****	****	*****	200	400	#/			WEEKLY	GRAS
DOB, CARBONACEOUS 05 DAY, 20C 50052 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.6	4.4	(25)	*****	3	4	(19)		0	0/07	CP
	PERMIT REQUIREMENT	25.0	50.0		*****	30	50				WEEKLY	UNIFORM
	SAMPLE MEASUREMENT											
	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. 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.

Dennis Thomasson
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE
502 540 6000
DATE
10 11 76
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

December 10, 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: Starview WQTC- KPDES Permit: KY0031712

Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 AM on December 09, 2009, referencing Work Order 989838 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: Rain event in area caused elevated flow to treatment plant causing solids to be washed out of one of the clarifiers. Approximately 2,139 gallons of solids were washed to the Effluent. Flow at the time of bypass was 0.4MGD
- Period of noncompliance: Starting 09:53 PM on December 08, 2009 and stopping 10:24 PM on December 08, 2009.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Reduce plant aeration times during rain events..
- 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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SPL Sewer Treatment Plant	MSD0247	423 BERMUDA WAY		CHENOWETH RUN	STREAM

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	989838	12/08/09 09:53 PM	ELDER	LAMBDIN JR	REPAIRED - ISSUE RESOLVED	12/08/09	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE - WATERS	12/08/09 10:24 PM	

Spot Inspections:

Discharge Amount:	2,139 GAL
Cause:	HIGH FLOW DUE TO RAIN EVENT IN AREA
Clean Up:	NO CLEAN UP PERFORMED - PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM
Control Zone:	PERMANENT SIGN IN PLACE - NO ADDITIONAL CONTROL ZONE SET UP
Impact:	SOME DISCOLORATION OF STREAM
Repair:	TURNED OFF BLOWERS TO SETTLE PLANT

Notifications:

12/08/09 10:55 PM	DISPUB	PERMANENT SIGNS POSTED IN AREA
12/08/09 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/08/09 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