



**MSD**

*Louisville and Jefferson County Metropolitan Sewer District*  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

March 23, 2009

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

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

Dear Ms. Bentley:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WTP, KPDES No.: KY0031712 for the month of February 2009. Also attached is a copy of the Discharge Report for the month of February.

If you have any questions concerning the attached DMRs, please contact me at (502)239-7695.

Sincerely,

Kevin D. Ries  
Process Supervisor Central Region

KDR/Starview 0209

Enclosures

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



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)



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*Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
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502-540-6000  
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February 13, 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 WTP – KPDES Permit KY0031712**

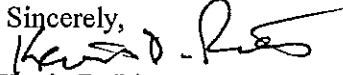
Dear Mr. Roth:

This plant experienced a bypass event and has been reported through our electronic notification system at approximately 01:00 PM on February 11, 2009, referencing Work Order 870868 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: Plant biosolids discharged through the plant effluent. Secondary aeration timers were decreased in preparation to prevent a bypass of this nature. Storm flow exceeded plant capacity and caused the bypass.
- Period of noncompliance: Starting 10:40 PM on February 10, 2009 and stopping 11:25 PM on February 10, 2009.
- Steps taken or planned to reduce, eliminate and prevent recurrence: Continue decreasing secondary aeration timers.

Please advise if you have any questions concerning this information. You can contact me on my office telephone at (502)-239-7695, my cell phone at (502)-396-7543 or via email at [Ries@msdlouky.org](mailto:Ries@msdlouky.org).

Sincerely,  
  
Kevin D. Ries  
Process Supervisor-Operations

cc: Gary Levy, KDEP  
Paula Purifoy, MSD  
eB File



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

NAME STARVIEW ESTATES SUBD MSD

ADDRESS C/O CEDAR CREEK STP

8405 CEDAR CREEK RD

LOUISVILLE KY 40211

FACILITY STARVIEW ESTATES SUBD MSD

LOCATION LOUISVILLE KY 40243

ATTN: DUNNIS THOMASSEN, SR METRO OPS

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

KY0031712  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR  
(SUBR LV)  
F - FINAL

SANITARY WASTEWATER  
EFFLUENT

\*\*\* NO DISCHARGE \*\*\*

NOTE: Read instructions before completing this form.

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	02	01		07	02	01

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)		*****	*****		7	*****	*****	( 17)		0 1/2	CR
00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	7	*****	*****			0 1/2	CR
PH		*****	*****		7.0	*****	*****	( 12)		0 1/2	CR
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.0	*****	9.0			0 1/2	CR
					MINIMUM		MAXIMUM	50			
SOLIDS, TOTAL SUSPENDED		*****	*****	( 26)	*****	*****	*****	( 17)		0 1/2	CR
00500 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	30	60			0 1/2	CR
					30DA AVG	DAILY MX	30DA AVG	DAILY MX	MG/L		
NITROGEN, AMMONIA TOTAL (AS N)		*****	*****	( 26)	*****	*****	*****	( 17)		0 1/2	CR
00610 1 2 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	10	20			0 1/2	CR
					30DA AVG	DAILY MX	30DA AVG	DAILY MX	MG/L		
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****	*****	*****	( 17)		0 1/2	CR
00640 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT	REPORT			0 1/2	CR
					30DA AVG	DAILY MX	30DA AVG	DAILY MX	MG/L		
FLOW, IN CONDUIT OR THRU TREATMENT PLANT		*****	*****	( 03)	*****	*****	*****			0 1/2	CR
00050 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	*****	*****	****		0 1/2	CR
					30DA AVG	INST MAX	30DA AVG	INST MAX	MGD		
CHLORINE, TOTAL RESIDUAL		*****	*****		*****	*****	*****	( 17)		0 1/2	CR
00060 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	0.011	0.014			0 1/2	CR
					30DA AVG	DAILY MX	30DA AVG	DAILY MX	MG/L		

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.J. Scherlein, Jr.  
Exec. 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  
Kenneth D. ...

TELEPHONE: 502 546-6101  
DATE: 07 3 23  
AREA CODE: 502  
NUMBER: 546-6101  
YEAR: 07  
MO: 3  
DAY: 23

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

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

NAME STARVIEW ESTATES SUBD MSD

ADDRESS 070 CEDAR CREEK STP  
6402 CEDAR CREEK RD  
LOUISVILLE KY 40211

FACILITY STARVIEW ESTATES SUBD MSD

LOCATION LOUISVILLE KY 40240

ATTN: DENNIS THOMASSEN, SR METRO OPS

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

KY0031712  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR  
(SUBP LV)

F - FINAL

SANITARY WASTEWATER  
EFFLUENT

\*\*\* NO DISCHARGE 1-1-88 \*\*\*

NOTE: Read Instructions before completing this form.

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

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
COLIFORM, FECAL GENERAL		*****	*****		*****	1	1	( 13 )		1/03	CR
74055 1 0 0		*****	*****	****	*****	200	400	#/		WEEKLY	GRAB
EFFLUENT GROSS VALUE				****		30DA GEC	7 DA GEC	100ML			
BOD, CARBONACEOUS 05 DAY, 20C		3.7	6.8	( 26 )	*****	3	4	( 17 )		1/03	CP
80052 1 0 0		25.0	50.0		*****	30	50			WEEKLY	CUMUL
EFFLUENT GROSS VALUE		30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H.T. Scharlein, Jr.  
Exec. Director  
TYPED OR PRINTED

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SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
K. F. D. L. E.

TELEPHONE 582 540-6000  
DATE 09 3 23  
AREA CODE NUMBER YEAR MO DAY

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



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

<b>KPDES #</b> KY0031712	<b>Facility ID</b> MSD0247	<b>Treatment Plant Name</b> STARVIEW		<b>Receiving Stream of Treatment Plant</b> CHENOWETH RUN		<b>Region</b> CENT				
<b>Facility Type</b> SPL Sewer Treatment Plant	<b>Facility ID</b> MSD0247	<b>Facility Address</b> 423 BERMUDA WAY	<b>If Pump Station, Name of Pump Station:</b>		<b>Receiving Stream</b> CHENOWETH RUN	<b>Discharge to</b> STREAM				
<b>Activity Code / Description</b> DISREV: RAIN EVENT DISCHARGE	<b>WO #</b> 870868	<b>Initiated</b> 02/10/09 10:40 PM	<b>Initiated By</b> SINGLETON	<b>Assigned To</b> LAMB DIN JR	<b>Disch Status</b> REPAIRED - ISSUE RESOLVED	<b>Event Date</b> 02/10/09	<b>Problem</b> BYPASS AT TREATMENT PLANT	<b>Result</b> UNAUTHORIZED DISCHARGE - WATERS	<b>Completed</b> 02/10/09 11:25 PM	<b>Condition</b>

**Spot Inspections:**

Discharge Amount: 8,754 GAL  
Cause: BYPASSED DUE TO CAPACITY OF STORM FLOW  
Clean Up: NO CLEANUP REQUIRED  
Control Zone: PERMANENT SIGNS ALONG CREEK  
Impact: NO NOTICEABLE IMPACT OBSERVED  
Repair: STORM FLOW RECEDED

**Notifications:**

02/10/09 10:40 PM      DISPUB      Permanent signs along creek  
02/11/09 01:00 AM      DISNOT      Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov

