

# MSD

Metropolitan Sewer District

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)

June 24, 2011

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

**Re: MSD Metro Operations  
Starview WQTC; KPDES No.: KY0031712  
Discharge Monitoring Reports – May 2011.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operating Report (MOR) for the Starview WQTC, KPDES No.: KY0031712 for the month of May 2011.

There were no exceedences, bypass or overflow reports.

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/Starview 5.11

Enclosures

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



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

NAME STARVIEW WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8405 CEDAR CREEK RD  
LOUISVILLE KY 40211  
FACILITY STARVIEW WQTC MSD  
LOCATION LOUISVILLE KY 40248  
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0031712  
PERMIT NUMBER

001 1  
DISCHARGE NUMBER

MINOR (SUBR LV)  
7 - FINAL  
SANITARY WASTEWATER EFFLUENT  
JEFF

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	05	01		11	05	31

\*\*\* NO DISCHARGE 1 [ ] \*\*\*

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)	00300 1 0 0	*****	*****		7	*****	*****	( 19)	0	0/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7	*****	*****	INST MIN		WEEKLY	GRAB
PH	00400 1 0 0	*****	*****		7.2	*****	7.4	( 12)	0	0/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	5.0	*****	9.0	MINIMUM MAXIMUM		WEEKLY	GRAB
SOLIDS, TOTAL SUSPENDED	00530 1 0 0	3.4	5.7	( 25)	*****	3	7	( 19)	0	0/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	25.0	50.0	LBS/DY	*****	30	50	GODA AVG DAILY MX		WEEKLY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 1 0	0.28	0.31	( 25)	*****	1.6 <sup>DW</sup> 0.3	2.7 <sup>DW</sup> 0.3	( 19)	0	0/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.34	0.58	LBS/DY	*****	4	8	GODA AVG DAILY MX		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P)	00665 1 0 0	*****	*****		*****	1.6	2.7	( 19)	0	0/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT	REPORT	GODA AVG DAILY MX		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	00050 1 0 0	0.159	0.343	( 03)	*****	*****	*****	*****	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT	REPORT	MGD	*****	*****	*****	*****		CONTINUOUS	CONTINUOUS
CHLORINE, TOTAL RESIDUAL	00060 1 0 0	*****	*****		*****	40.010	40.010	( 19)	0	0/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	0.011	0.017	GODA AVG DAILY MX		WEEKLY	GRAB

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

*Duane V. Wright*  
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502-540-6000  
DATE 11 06 24  
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  
 6405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY STARVIEW WQTC MSD  
 LOCATION LOUISVILLE KY 40243  
 ATTN: DENNIS THOMASSON, 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

Form Approved.  
 OMB No. 2040-0004

JETTE

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	11	05	01		11	05	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			
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	3	6	( 13)		01/07	GR
300, CARBONACEOUS 5 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	*****	*****	*****	*****	*****	200	400	#/		WEEKLY	GRAB
	5.7	9.3	( 26)	*****	5	8	( 19)		01/07	CP	
	25.0	50.0		*****	30	50			WEEKLY	DUPPLE	
	30DA AVG	DAILY MX	LBS/DY		30DA AVG	DAILY MX	MS/L				
	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.  
 EXEC DIR  
 TYPED OR PRINTED

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*Duane V. Wright*

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

502 540 6000

AREA CODE

NUMBER

DATE

11 06 24

YEAR MO DAY

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

Starview	Report for	May-11		Tot. Exc.= 0					
Tot. Flow=	4.924	Concentrations					Pounds		
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.
5/1/11	0.227								
5/2/11	0.32								
5/3/11	0.328								
5/4/11	0.34								
5/5/11	0.221	2	5	0.17	1	3.686	9.216	0.313	0.48
5/6/11	0.18								
5/7/11	0.153								
5/8/11	0.139	2	8	0.22	4	2.319	9.274	0.255	0.958
5/9/11	0.114								
5/10/11	0.11								
5/11/11	0.105								
5/12/11	0.094								
5/13/11	0.092								
5/14/11	0.094								
5/15/11	0.098	7	3	0.34	6	5.721	2.452	0.278	2.32
5/16/11	0.098								
5/17/11	0.084								
5/18/11	0.094								
5/19/11	0.09								
5/20/11	0.087								
5/21/11	0.089								
5/22/11	0.112	2	2	0.28	3	1.868	1.868	0.262	2.72
5/23/11	0.181								
5/24/11	0.194								
5/25/11	0.148								
5/26/11	0.343								
5/27/11	0.234								
5/28/11	0.182								
5/29/11	0.142								
5/30/11	0.125								
5/31/11	0.106								
Average	0.159	3.25	4.50	0.25	2.91	3.40	5.70	0.28	1.62
Maximum	0.343	7.00	8.00	0.34	6.00	5.72	9.27	0.31	2.72