



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

August 11, 2011

Cheryl Edwards  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

**RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for July 2011.**

Dear Ms. Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of July 2011.

There were no exceedences, overflows or bypasses to report this month.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5856.

Sincerely,

A handwritten signature in black ink, appearing to read "Kevin Thompson", written over a white background.

Kevin Thompson  
Process Supervisor, East Region

RM/ Hite Creek. 7.11

Enclosures

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



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

Facility Name/Location if different)

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
DISCHARGE MONITORING REPORT (DMR)

NAME HITE CREEK WQTC MSD  
ADDRESS C/O CEDAR CREEK WQTC  
8405 CEDAR CREEK RD.  
LOUISVILLE KY 40211  
FACILITY HITE CREEK WQTC

KY0022420  
PERMIT NUMBER

0012  
DISCHARGE NUMBER

MAJOR (SUBR LV)  
F - FINAL JEFFE  
MUNICIPAL WASTEWATER  
EFFLUENT  
[ ] No Discharge

LOCATION LOUISVILLE KY 40241  
ATTN: DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 11	07	01	TO	11	07	31

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	SAMPLE MEASUREMENT	*****	*****	***	7	*****	*****	(19) MG/L	0	1/1	GR
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.8	*****	7.5	(12) SU	0	1/1	GR
PH	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB
00400 1 0 0	SAMPLE MEASUREMENT	4326	4912	(26) LBS/DY	*****	206	242	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	48	55	(26) LBS/DY	*****	2	3	(19) MG/L	0	3/7	CP
00530 G 0 0	PERMIT MEASUREMENT	1501 MO AVG	2252 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	414	453	(26) LBS/DY	*****	20	21	(19) MG/L	0	3/7	CP
SOLIDS, TOTAL SUSPENDED	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
00530 1 0 0	SAMPLE MEASUREMENT	13	20	(26) LBS/DY	*****	0.6	0.8	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	100 MO AVG	150 MX WK AV	(26) LBS/DY	*****	2 MO AVG	3 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	NO DATA	NO DATA	****	*****	0.3	0.6	(19) MG/L	0	1/7	CP
00610 G 0 0	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	13	20	(26) LBS/DY	*****	0.6	0.8	(19) MG/L	0	3/7	CP
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	100 MO AVG	150 MX WK AV	(26) LBS/DY	*****	2 MO AVG	3 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
00610 1 1 0	SAMPLE MEASUREMENT	NO DATA	NO DATA	****	*****	0.3	0.6	(19) MG/L	0	1/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	NO DATA	NO DATA	****	*****	0.3	0.6	(19) MG/L	0	1/7	CP
00665 1 1 1	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
EFFLUENT GROSS VALUE	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					TELEPHONE		DATE			
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER						502 540-6000		11	08	15	
H J SCHARDEIN EXECUTIVE DIRECTOR	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR	MO	DAY	
TYPED OR PRINTED						502	540-6000	11	08	15	

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

NAME HITE CREEK WQTC MSD  
 ADDRESS C/O CEDAR CREEK WQTC  
 8405 CEDAR CREEK RD.  
 LOUISVILLE KY 40211  
 FACILITY HITE CREEK WQTC

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0022420  
 PERMIT NUMBER

0012  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 MUNICIPAL WASTEWATER  
 EFFLUENT  
 [ ] No Discharge

LOCATION LOUISVILLE KY 40241  
 ATTN: DENNIS THOMASSON SR. METRO OPS


MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
FROM	11	07	01	TO	11	07	31

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PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	2.54	3.10	(03) MGD	*****	*****	*****	***	0	CN	CN
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	*****	*****	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	REPORT MO AVG	*****	*****	(26) LBS/DY	*****	5	6	(13) 100ML	0	3/7	GR
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	*****	*****	(26) LBS/DY	*****	200	400	(13) 100ML		THREE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80091 K 0 0 PERCENTREMOVAL	REPORT MO AVG	3020	3620	(26) LBS/DY	*****	143	155	(19) MG/L	0	3/7	CP
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	REPORT MO AVG	*****	*****	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	42	46	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0 PERCENTREMOVAL	REPORT MO AVG	*****	*****	(26) LBS/DY	*****	10	15	(19) MG/L		THREE/WEEK	COMPOS
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	REPORT MO AVG	*****	*****	(26) LBS/DY	99	*****	*****	(23) CENT	0	1/31	CA
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	REPORT MO AVG	*****	*****	(26) LBS/DY	85	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	REPORT MO AVG	*****	*****	(26) LBS/DY	99	*****	*****	(23) CENT	0	1/31	CA
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	REPORT MO AVG	*****	*****	(26) LBS/DY	85	*****	*****	(23) CENT		ONCE/MONTH	CALCTD

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H J SCHARDEIN  
 EXECUTIVE DIRECTOR  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C 1001 AND 33 U.S.C 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT  
  
 TELEPHONE 502 540-6000  
 DATE 11 08 15  
 AREA CODE NUMBER YEAR MO DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

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KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
 DISCHARGE MONITORING REPORT (DMR)

KY0022420  
 PERMIT NUMBER

001 R  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 REASONABLE POTENTIAL  
 EFFLUENT  
 [ ] No Discharge

MONITORING PERIOD						
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PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CYANIDE, FREE (AMEN. TO CHLORINATION) 00722 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.01	0.01	(19) MG/L	0	1/31	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	199	199	(19) MG/L	0	1/31	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS
CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.01	0.01	(19) MG/L	0	1/31	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	0.2	0.2	(19) MG/L	0	1/31	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
H J SCHARDEIN  
EXECUTIVE DIRECTOR  
 TYPED OR PRINTED

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