



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

November 11, 2011

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

RE: Hite Creek WQTC, KPDES No: KY0022420
Discharge Monitoring Report for Oct. 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 Oct. 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,


Kevin Thompson
Process Supervisor, East Region

KT/ Hite Creek. 10.11

Enclosures

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



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

Facility Name/Location (if different)

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

LOCATION LOUISVILLE KY 40241

ATTN: DENNIS THOMASSON SR. METRO OPS

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

KY0022420
PERMIT NUMBER

0012
DISCHARGE NUMBER

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	10	01		11	10	31

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

NOTE: Read instructions before completing this form

PARAMETER		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 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7	*****	*****	(19) MG/L	0	1/1	GR						
	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/ WEEK	GRAB						
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7.0	*****	7.6	(12) SU	0	1/1	GR						
	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/ WEEK	GRAB						
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	4894	5121	(26) LBS/DY	*****	241	258	(19) MG/L	0	3/7	CP						
	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 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	64	101	(26) LBS/DY	*****	3	5	(19) MG/L	0	3/7	CP						
	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						
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	459	484	(26) LBS/DY	*****	23	25	(19) MG/L	0	3/7	CP						
	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						
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	5	9	(26) LBS/DY	*****	0.3	0.5	(19) MG/L	0	3/7	CP						
	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						
PHOSPHORUS, TOTAL (AS P) 00665 1 1 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	0.5	0.7	(19) MG/L	0	1/7	CP						
	PERMIT MEASUREMENT	*****	*****	****	*****	1.0 MO AVG	1.5 MX WK AV	(19) MG/L		THREE/ WEEK	COMPOS						
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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. 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							
H J SCHARDEIN EXECUTIVE DIRECTOR								502- AREA CODE	540-6000 NUMBER	11	10						
TYPED OR PRINTED										15	DAY						

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

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

001 2
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
FROM YEAR 11 MO 10 DAY 01 TO YEAR 11 MO 10 DAY 31

NOTE: Read instructions before completing this form

PARAMETER		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	SAMPLE MEASUREMENT	2.60	4.04	(03) MGD	*****	*****	*****	***	0	CN	CN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	6	9	(13) 100ML	0	3/7	GR
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	200 30 DAY GEO	400 7 DAY GEO	(13) 100ML		THREE/WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0	SAMPLE MEASUREMENT	3520	3760	(26) LBS/DY	*****	173	191	(19) MG/L	0	3/7	CP
RAW SEW/INFLUENT	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
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0	SAMPLE MEASUREMENT	46	50	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	367 MO AVG	550 MX WK AV	(26) LBS/DY	*****	10 MO AVG	15 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	CA	CA
PERCENT REMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	CA	CA
PERCENT REMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO/MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER H J SCHARDEIN EXECUTIVE DIRECTOR	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. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.)					TELEPHONE 502 540-6000		DATE 11 10 15			
TYPED OR PRINTED						SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		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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 FROM YEAR 11 MO 10 DAY 01 TO YEAR 11 MO 10 DAY 31

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

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PARAMETER		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	*****	*****	***	*****	0.005	0.005	(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	*****	*****	***	*****	171	171	(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	*****	*****	***	*****	0.375	0.375	(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										
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	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										

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. 1319. (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

AREA CODE NUMBER

DATE

11 10 15

YEAR MO DAY

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

MONTH OF: October 2011
RECEIVING STREAM HITE CREEK

PLANT TELEPHONE