



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

February 23, 2010

Ms. Carolena Bentley  
DMR Coordinator  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

RE: Hite Creek WQTC, KPDES No: KY0022420  
Discharge Monitoring Report for January 2010.


Dear Ms. Bentley

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operator Report (MOR) for the Hite Creek WQTC, for the month of January 2010.

There were no exceedences, bypass reports or overflow reports for this month.

If you have any questions concerning the attached DMR's, please contact me at (502)239-7574.

Sincerely,

  
Duane V. Wright  
Process Supervisor, Central Region

DVW/ Hite Creek.01.10

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

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
10	01	01		10	01	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) 00300 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	9	*****	*****	(19) MG/L	0	01/01	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	7 INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
PH	SAMPLE MEASUREMENT	*****	*****	***	7.1	*****	8.0	(12) SU	0	01/01	GR	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB	
SOLIDS, TOTAL SUSPENDED 00530 G 0 0	SAMPLE MEASUREMENT	4371	5594	(26) LBS/DY	*****	191	236	(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	
SOLIDS, TOTAL SUSPENDED 00530 1 0 0	SAMPLE MEASUREMENT	158	232	(26) LBS/DY	*****	7	8	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	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	SAMPLE MEASUREMENT	431	528	(26) LBS/DY	*****	19	22	(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	
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 2 0	SAMPLE MEASUREMENT	30	53	(26) LBS/DY	*****	1	1.4	(19) MG/L	0	3/7	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	250 MO AVG	375 MX WK AV	(26) LBS/DY	*****	5 MO AVG	7.5 MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0	SAMPLE MEASUREMENT	*****	*****	****	*****	0.3	0.4	(19) MG/L	0	6/31	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	****	*****	2.0 MO AVG	3.0 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	540-6000	10	02	25
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO

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  
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 8405 CEDAR CREEK RD.  
 LOUISVILLE KY 40211  
**FACILITY** HITE CREEK WQTC

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

KY0022420  
 PERMIT NUMBER

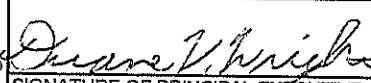
001 2  
 DISCHARGE NUMBER

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

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

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YEAR	MO	DAY	TO	YEAR	MO	DAY
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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	3.22	5.02	(03) MGD	*****	*****	*****	***	0	C/N	C/N	
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	*****	*****	***	*****	4	6	(13) 100ML	0	3/7	GRAB	
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	REPORT MO AVG	3763	4984	(26) LBS/DY	*****	170	204	(19) MG/L	0	3/7	CP	
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	REPORT MO AVG	75	128	(26) LBS/DY	*****	3	4	(19) MG/L	0	3/7	CP	
BOD, CARB 5-DAY, 20 DEG C, PERCENT REMVL 80091 K 0 0 PERCENTREMOVAL	REPORT MO AVG	*****	*****	***	98	*****	*****	(23) CENT	0	1/31	CA	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	REPORT MO AVG	*****	*****	***	97	*****	*****	(23) CENT	0	1/31	CA	
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**DISCHARGE MONITORING REPORT (DMR)**

KY0022420  
 PERMIT NUMBER

001 R  
 DISCHARGE NUMBER

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

**LOCATION** LOUISVILLE KY 40241  
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		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	*****	*****	***	*****	215	215	(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	*****	*****	***	*****	0.003	0.003	(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											
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