



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

March 15, 2010

Ms. Carolena Bentley
Kentucky Division of Water
200 Fair Oaks Lane, 4th Floor
Frankfort, Kentucky 40601

RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report-February 2010

Dear Ms. Bentley:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek WQTC, KPDES No.: KY0098540 for the month of February 2010.

There were no exceedences, bypass or overflow reports.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Duane V. Wright". The signature is fluid and cursive, written over a light background.

Duane V. Wright
Process Supervisor Central Region

DVW/Cedar Creek 02.10.doc

Enclosures

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



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

PERMITTEE NAME/ADDRESS (include

Facility Name/Location if different)

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

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

KY0098540
 PERMIT NUMBER

0012
 DISCHARGE NUMBER


MAJOR (SUBR LV)
 F - FINAL JEFFE
 NEW EXPANSION
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40291

ATTN: DENNIS THOMMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	02	01		10	02	28

NOTE: Read instructions before completing this form

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)	SAMPLE MEASUREMENT	*****	*****	***	8.8	*****	*****	(19) MG/L	0	1/1	GRAB	
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	7.0	*****	*****	(19) MG/L		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	INST MIN	*****	*****	(12) SU	0	27/28	GRAB	
PH	PERMIT MEASUREMENT	*****	*****	***	6.5	*****	7.0	(12) SU		THREE/WEEK	GRAB	
00400 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	6.0	*****	9.0	(19) SU		THREE/WEEK	GRAB	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	(19) SU		THREE/WEEK	GRAB	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	6912	13926	(26) LBS/DY	*****	141	318	(19) MG/L	0	3/7	COMPOS	
00530 G 0 0	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	
RAW SEW/INFLUENT	SAMPLE MEASUREMENT	113	127	(26) LBS/DY	*****	2	3	(19) MG/L	0	3/7	COMPOS	
SOLIDS, TOTAL SUSPENDED	PERMIT MEASUREMENT	1876	2815	(26) LBS/DY	*****	30	45	(19) MG/L		THREE/WEEK	COMPOS	
00530 1 0 0	SAMPLE MEASUREMENT	701	791	(26) LBS/DY	*****	13	18	(19) MG/L	0	3/7	COMPOS	
NITROGEN, AMMONIA TOTAL (AS N)	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	
00610 G 0 0	SAMPLE MEASUREMENT	11	19	(26) LBS/DY	*****	0.2	0.3	(19) MG/L	0	3/7	COMPOS	
NITROGEN, AMMONIA TOTAL (AS N)	PERMIT MEASUREMENT	625	938	(26) LBS/DY	*****	10	15	(19) MG/L		THREE/WEEK	COMPOS	
00610 1 2 0	SAMPLE MEASUREMENT	3	4	(26) LBS/DY	*****	0.1	0.1	(19) MG/L	0	3/7	COMPOS	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	125	156	(26) LBS/DY	*****	2.0	2.5	(19) MG/L		THREE/WEEK	COMPOS	
PHOSPHORUS, TOTAL (AS P)	MEASUREMENT	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	MX WK AV	(19) MG/L		THREE/WEEK	COMPOS	
00665 1 0 0	SAMPLE MEASUREMENT	3	4	(26) LBS/DY	*****	0.1	0.1	(19) MG/L	0	3/7	COMPOS	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	MO AVG	MX WK AV	LBS/DY	*****	MO AVG	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 22 U.S.C 1310. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 9 months and 5 years.							TELEPHONE		DATE		
H J SCHARDEIN EXECUTIVE DIRECTOR								502	540-6000	10	03	15
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)

PERMITTEE NAME/ADDRESS (Include

Facility Name/Location if different)

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

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

KY0098540
 PERMIT NUMBER

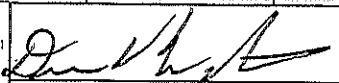
001 2
 DISCHARGE NUMBER

MAJOR (SUBR LV)
 F - FINAL JEFFE
 NEW EXPANSION
 EFFLUENT
 [] No Discharge

LOCATION LOUISVILLE KY 40291
 ATTN: DENNIS THOMMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY		YEAR	MO	DAY
FROM 10	02	01	TO	10	02	28

NOTE: Read instructions before completing this form

PARAMETER	X	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	6.10	10.55	(03) MGD	*****	*****	*****	***	0	CONTIN UOUS	CONTIN
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTIN UOUS	CONTIN
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	3	4	(13) 100ML	0	3/7	GRAB
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/ WEEK	GRAB
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0	SAMPLE MEASUREMENT	4429	5679	(26) LBS/DY	*****	85	129	(19) MG/L	0	3/7	COMPOS
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	110	130	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	COMPOS
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	625 MO AVG	938 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	*****	*****	***	98	*****	*****	(23) CENT	0	1/28	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT			
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/28	CA
PERCENTREMOVAL	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT			
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
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 1315. (Penalties under those 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	03	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)

NAME OF TREATMENT PLANT CEDAR CREEK WTP
 KPDES PERMIT NUMBER KY0098540

COUNTY JEFFERSON
 PLANT CAPACITY 7.5 MGD

MONTH OF: February 2010
 RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLABLE SOLIDS (mg/L)			DISSOLVED OXYGEN (mg/L)			SUSPENDED SOLIDS (mg/L)			5 DAY CBOD (mg/L)			ACTIVATED SLUDGE			AERATION BASIN						SLUDGE HANDLING				FINAL					
		GRIT REMOVED (CUBIC FEET)	SCREENINGS (CUBIC FEET)	RAW	FINAL	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	STREAM ABOVE	FINAL EFFLUENT	STREAM BELOW	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	RAW	PRIMARY EFFLUENT	FINAL EFFLUENT	GAL/DAY X 1000	MLSS X 1000	GAL/DAY X 1000	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) X 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	FECAL COLIFORMA (COLONIES/100ML)					
																								30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS			% VOLATILE SOLIDS				
1	4.77			6.8	6.9					9.1			100			3	64			2	2050	6990	68	3.9	3210	2635	540	330							0.30	3
2	5.59			6.9	6.9	12.0				8.9			68			2	44			2	2117	6610	63	3.1	3360	2655	540	320							0.06	3
3	4.79			6.9	6.9	9.0				8.9			63			3	48			2	2076	6110	65	3.4	3130	2600	520	310							0.06	7
4	4.67			6.9	6.9	10.0				8.8											2150	6600	65	3	3065	2580	450	340								
5	9.76			6.8	6.8					9.0											2559	5990		3.3	3010	2375	450	350								
6	10.55			6.9	6.8					8.9											2579		48	4.1			450	360								
7	8.65			6.8	7.0					9.4											4030		28	4			300	220								
8	7.04			6.9	6.9					9.0			82			2	64			2	4739	6660	55	3.4	3370	2650	530	370							0.06	3
9	6.57			6.8	6.9	14.0				8.8			108			2	129			2	4121	6411	49	3.8	3150	2425	420	340							0.06	3
10	6.88			6.8	6.9	16.0				9.2			59			2	66			2	3723	5940	48	5.4	2965	2325	400	330							0.80	3
11	5.28			6.9	6.9	16.0				9.1											3755	6040	60		2950	2335	400	340								
12	5.49			6.8	6.9					8.8											3685	5840	63	4	2885	2290	410	330								
13	5.63									9.0											3718		55				400	320								
14	5.48			6.8	6.8					9.0											3735		65				400	330								
15	5.25			6.9	6.8					9.2			144			2	120			2	3665	4160	58	4.6	2910	2265	460	340							0.60	3
16	5.03			6.8	6.9	10.0				9.2			641			2	169			2	3722	4420	44	4.2	2875	2200	440	330							0.06	3
17	4.80			6.8	6.8	14.0				8.9			170			2	99			2	3722	4230	70	3.8	3095	2425	430	320							0.06	3
18	4.69			6.9	6.9	14.0				9.0											3726	4430	60	4	2920	2275	455	330								
19	4.96			7.0	6.8	12.0				9.1											3735	5530	61	3.9	2740		400	310								
20	6.13			6.9	6.5	11.0				9.0											3722		62	3.9			400	300								
21	8.08			6.9	6.7	12.0				9.0											3660		60	4	2875		420	310								
22	8.12			6.9	6.8					9.2			98			2	76			2	2980	6650	50	4.8	2510	1980	350	300							0.06	3
23	6.69			7.0	6.8	14.0				9.2			80			2	73			2	3365	6070	58	4.5	2545	2115	340	290							0.06	3
24	5.73			6.9	6.8	14.0				9.4			73			2	71			2	3226	5820	68	5.1	2595	2160	310	270							0.06	3
25	5.22			7.0	6.9	12.0				9.2											3347	4430	63	5.2	2375	1875	300	260								
26	4.82			6.9	6.8					9.2											3376	4640	60	4.5	2385	1935	280	250								
27	5.01			6.8	6.7					9.0											3367		60	4.5			300	250								
28	5.13			6.8	6.7					9.2											3347		45	4			270	250								
29																																				
30																																				
31																																				
Tot.	170.81																				93997															
Avg.	6.10			6.9	6.8	12.7				9.1			141			2	85			2	3357	5679	57.44	4.096	2901	2321	405.9	310.7							0.18	3

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 58099 FLOW
 25513 CBOD
 34039 TSS

TOTAL NUMBER OF SEWER CONNECTIONS 0
 SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

OPERATOR _____ CERT. NO. _____

PLANT TELEPHONE _____