



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

November 19, 2012

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

**RE: Cedar Creek WQTC, KPDES No: KY0098540
Discharge Monitoring Report-October 2012**

Dear Ms. Edwards:

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 October 2012.

There were no exceedences, bypasses or overflows to report.

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

Sincerely,

A handwritten signature in cursive script that reads "Duane V. Wright".

Duane V. Wright
Process Supervisor Central Region

DVW/Cedar Creek 10.12.doc

Enclosures

cc: T. Singleton
R. Shaw



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

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

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	TO	YEAR	MO	DAY
12	10	01		12	10	31

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) 00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	7.9	*****	*****	(19) MG/L	0	1/1	GR
PH		*****	*****	***	INST MIN	*****	*****	(19) MG/L		THREE/WEEK	GRAB
PH		*****	*****	***	6.7	*****	7.2	(12) SU	0	1/1	GR
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		THREE/WEEK	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT		3875	6868	(26) LBS/DY	*****	171	232	(19) MG/L	0	3/7	CP
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE		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		49	66	(26) LBS/DY	*****	2	3	(19) MG/L	0	3/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT		1876	2815	(26) LBS/DY	*****	30	45	(19) MG/L		THREE/WEEK	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE		343	388	(26) LBS/DY	*****	17	23	(19) MG/L	0	3/7	CP
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE		REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		THREE/WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE		9	13	(26) LBS/DY	*****	0.4	0.7	(19) MG/L	0	3/7	CP
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE		250	375	(26) LBS/DY	*****	4	6	(19) MG/L		THREE/WEEK	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE		2	3	(26) LBS/DY	*****	0.1	0.1	(19) MG/L	0	3/7	CP
PHOSPHORUS, TOTAL (AS P) 00665 1 0 0 EFFLUENT GROSS VALUE		63	94	(26) LBS/DY	*****	1.0	1.5	(19) MG/L		THREE/WEEK	COMPOS
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER GREG C. HEITZMAN INTERIM 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		DATE				
TYPED OR PRINTED					502 540-6000		12 11 19				
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)					SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA CODE NUMBER				

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

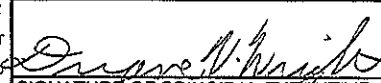
001 2
 DISCHARGE NUMBER

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	TO	YEAR	MO	DAY
12	10	01		12	10	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				
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2.49	5.35	(03) MGD	*****	*****	*****	***	0	CN	CN	
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT DAILY MX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTINUOUS	
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	2	3	(13) 100ML	0	3/7	GR	
	PERMIT MEASUREMENT	*****	*****	***	*****	200 30DA GEO	400 7 DA GEO	(13) 100ML		THREE/WEEK	GRAB	
BOD, CARBONACEOUS 05 DAY, 20C 80082 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	2441	3119	(26) LBS/DY	*****	115	127	(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	
BOD, CARBONACEOUS 05 DAY, 20C 80082 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	45	66	(26) LBS/DY	*****	2	2	(19) MG/L	0	3/7	CP	
	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 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	98	*****	*****	(23) CENT	0	1/31	CA	
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	99	*****	*****	(23) CENT	0	1/31	CA	
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
	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. 1319. (Penalties under those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
GREG C. HEITZMAN INTERIM EXECUTIVE DIRECTOR								502	540-6000	12	11	19
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

NAME OF TREATMENT PLANT CEDAR CREEK WTP

COUNTY JEFFERSON

MONTH OF: October 2012

KPDES PERMIT NUMBER KY0098540

PLANT CAPACITY 7.5 MGD

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	RETURN		WASTED	DISSOLVED OXYGEN (mg/L)	MLSS (mg/L) x 1000	MLVSS (mg/L) x 1000	SETTLED SLUDGE VOLUME		RAW		HAULED		NH3-N (mg/L)	FECAL COLIFORM (COLONIES/100ML)	Total Phosphorus		
																		GAL/DAY X 1000	MLSS x 1000					GAL/DAY X 1000	30 MIN.	60 MIN.	GALLONS x 1000	% DRY SOLIDS	% VOLATILE SOLIDS				% DRY SOLIDS	% VOLATILE SOLIDS
1	3.13			6.7	6.8						422		2	153		2	1.35	6810	60000	2.7	2410	2060	280	250							0.84	2	0.1	
2	5.35			6.6	6.7						106		2	67		2	1.39	10900	60000	3.2	1790	1490	220	200							0.22	2	0.1	
3	3.48			6.6	6.8	10.0					168		2	82		2	2.91	4280	60000	4.3	2340	1900	280	260							0.28	2	0.1	
4	2.90			6.7	7.0	21.0											3.41	5470	60000	3.3	2500	2050	300	270										
5	2.65			6.7	7.2												3.40	4400	60000	3.9	2300	1840	280	250										
6	2.78			6.6	7.0												3.46		60000	4.8			290	260										
7	2.78			6.8	7.1												3.35		60000	4.0			280	260										
8	2.97			6.9	7.0						133		2	76		2	3.16	3730	60000	3.6	2470	2060	300	280							0.22	2	0.1	
9	2.80			7.0	6.9	14.0					212		4	131		2	2.16	4410	60000	2.9	2580	2150	290	270							0.17	2	0.1	
10	2.22			6.8	6.8	10.0					315		2	173		2	1.40	4960	60000	2.4	2620	2180	300	270							0.39	2	0.112	
11	2.16			6.8	6.9	10.0											1.41	5610	60000	2.0	2590	2160	290	250										
12	2.03			6.9	6.9												1.42	5380	60000	2.4	2250	1880	300	260										
13	2.18			6.8	7.0												1.40		60000	2.8			310	260										
14	2.35			6.6	7.0												1.37		60000	2.1			290	250										
15	2.13			6.5	6.8						73		2	112		2	1.31	5570	50000	1.8	2280	1970	300	250							1.30	2	0.1	
16	2.03			6.8	7.0	15.0					158		2	135		2	1.35	4110	50000	2.0	2290	1890	300	250							0.39	2	0.136	
17	2.00			6.7	6.8	18.0					110		2	130		2	1.40	4610	45000	2.6	2440	2020	300	260							0.34	2	0.1	
18	2.43			7.0	7.0	16.0											1.34	5980	45000	3.7	2220	1850	300	250										
19	2.35			7.1	7.0												0.71	4620	45000	2.7	2460	2120	290	250										
20	2.33			6.9	6.9												1.23		45000	2.6			300	250										
21	2.37			7.0	6.9												1.24		45000	3.2			300	260										
22	2.09			6.6	6.8						154		2	131		2	1.25	4990	45000	2.0	2280	1900	320	280							0.28	6	0.1	
23	2.01			6.8	7.0	20.0					112		2	88		2	1.22	7690	45000	2.3	2850	2340	300	280							0.28	2	0.1	
24	1.98			6.8	6.8	15.0					88		2	97		2	1.21	4940	50000	3.0	2460	2040	290	260							0.26	2		
25	1.91			6.7	6.7	22.0											1.05	5650	50000	3.4	2340	1960	300	270										
26	2.11			6.8	6.8												1.08	5760	50000	2.4	2440	2020	300	260										
27	3.13			6.9	6.8												1.02		50000	3.0			260											
28	2.82			6.9	6.7												1.00		50000	2.7			270											
29	2.33			7.1	6.8												0.33	5820	60000	3.4	2440	1990	330	290										
30	2.24			7.2	6.7												0.81	5660	55000	3.8	2610	2020	320	280										
31	1.30			7.1	6.8												1.02	6770	55000	3.9	2520	2340	310	280										
Tot.	77.32																50.16																	
Avg.	2.49			6.8	6.9	15.5					8.9		2	115		2	1.618	5570.43	54032.3	2.997	2412	2010	295.5	261							0.42	2	0.104	

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

23755 FLOW 14021 CBOD 16931 TSS

Joseph Shaun Smith
OPERATOR

20987
CERT. NO.

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

502-239-7695
PLANT TELEPHONE