



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

August 24, 2009

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

RE: Cedar Creek Treatment Plant, KPDES No: KY0098540
Discharge Monitoring Report-July 2009

Dear Ms. Bentley:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Cedar Creek Wastewater Treatment Plant, KPDES No.: KY0098540 for the month of July 2009.

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 0709.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 WQTF MSD
 ADDRESS C/O CEDAR CREEK WQTF
 9415 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY CEDAR CREEK WQTF MSD
 LOCATION LOUISVILLE KY
 ATTN: DANNIS THOMASSEN, SR. METRO OPS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
 DISCHARGE MONITORING REPORT (DMR)

PERMIT NUMBER KY0098540
 DISCHARGE NUMBER 0012

NAJDR
 (SURF LV)
 F - FINAL
 NEW EXPANSION
 EFFLUENT
 *** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	01		07	07	01

NOTE: Read Instructions before completing this form.

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	4.07	10.06	(C3)	*****	*****	*****			0	CN	CN
EFFLUENT GROSS VALUE	REPORT	REPORT	MOD	*****	*****	*****				UNIT IN UNIT IN	
COLIFORM, FECAL GENERAL	*****	*****		*****	4	5	(15)		1	03/07	CP
EFFLUENT GROSS VALUE	*****	*****	****	*****	200	400	W/			FREE/PURPOS	
300, CARBONACEOUS 05 DAY, 200	2170	2657	(26)	*****	300A GEO	7 DA GEO	100ML			WEEK	
RAW SEW/INFLUENT	REPORT	REPORT	LBS/DY	*****	REPORT	REPORT				WEEK	
300, CARBONACEOUS 05 DAY, 200	98	139	(20)	*****	3	3	(15)		0	03/07	CP
EFFLUENT GROSS VALUE	625	938		*****	10	25				WEEK/PURPOS	
300, CAPS-5 DAY 20	*****	*****		*****	96	*****	(20)		0	01/30	CA
300, CAPS-5 DAY 20	*****	*****	****	*****	85	*****	PER-			CENT	
PERCENT REMOVAL	*****	*****	****	*****	MO MIN	*****	CENT			MONTH	
300, CAPS-5 DAY 20	*****	*****		*****	98	*****	(20)		0	01/30	CA
300, CAPS-5 DAY 20	*****	*****	****	*****	85	*****	PER-			CENT	
PERCENT REMOVAL	*****	*****	****	*****	MO MIN	*****	CENT			MONTH	
SAMPLE MEASUREMENT											
PERMIT REQUIREMENT											

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. SCHNAUBER, JR.
 EXECUTIVE DIRECTOR
 TYPED OR PRINTED

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT
 Luane V. Knight

TELEPHONE
 502 540 6000
 DATE
 07 08 26
 AREA CODE NUMBER YEAR MO DAY

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

NAME CEDAR CREEK WGTG MBD
ADDRESS C/O CEDAR CREEK WGTG
8414 CEDAR CREEK RD
LOUISVILLE KY 40211
FACILITY CEDAR CREEK WGTG MBD
LOCATION LOUISVILLE KY
ATTN: CONNIE THORASSON SR METRO OPS

KY0098640
PERMIT NUMBER

001 E
DISCHARGE NUMBER

MAJOR (SUB LV)
P - FINAL
NEW EXPANSION
EFFLUENT
*** NO DISCHARGE ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
07	07	02		07	07	02

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)	*****	*****			8.0	*****	*****	(17)	0	03/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	7.0	*****	*****	MG/L		WEEK	
	*****	*****			6.9	*****	7.2	(12)	0	03/07	GR
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	6.0	*****	9.0	MG/L		WEEK	
SOLIDS, TOTAL SUSPENDED	3412	4026	(26)		*****	116	151	(19)	0	03/07	CP
RAW SEW/INFLUENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY		*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEK	
SOLIDS, TOTAL SUSPENDED	70	92	(26)		*****	2	3	(19)	0	03/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1876	2815	LBS/DY	*****	30	45	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	524	611	(26)		*****	17	24	(19)	0	03/07	CP
RAW SEW/INFLUENT	REPORT MO AVG	REPORT MX WK AV	LBS/DY		*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	4	7	(26)		*****	0.2	0.2	(17)	0	03/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	250	375	LBS/DY	*****	4	6	MG/L		WEEK	
PHOSPHORUS, TOTAL (AS P)	2	3	(25)		*****	0.1	0.1	(19)	0	03/07	CP
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	63	94	LBS/DY	*****	1.0	1.5	MG/L		WEEK	

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

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Signature of Principal Executive Officer or Authorized Agent
Eugene V. Knight

TELEPHONE 502 546 6000
DATE 09 08 26
AREA CODE NUMBER YEAR MO DAY

COMMENTS 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: July 2009
 RECEIVING STREAM CEDAR CREEK

DATE	TOTAL FLOW (MILLION GALLONS)	RAW SEWAGE		pH		SETTLEABLE 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	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)											
																									30 MIN.	60 MIN.	GALLONS X 1000	% DRY SOLIDS	% VOLATILE SOLIDS	% DRY SOLIDS			% VOLATILE SOLIDS	WITHDRAWN GALLONS X 1000									
1	3.66												105		2	60		3	1357	9830	420	1.8	2245	1930	390	300									0.06	4							
2	3.67	3	3	6.7	7.0	5.0							8.2		73		2	66		3	1344	9430	467	1.7	2340	1950	490	380									0.06	4					
3	3.30			6.9	7.0	10.0							9.0								1298	9300	490	1.8	2995	2485	480	400															
4	3.46																				1055		480				390	330															
5	3.79														88		2	55		3	1061		480				400	330									0.06	4					
6	3.08			7.0	7.2	5.0							8.2								999	6560	480	2.5	2415	2255	430	390															
7	2.99																				1202	7630	419	2.5	2525	1995	380	300															
8	3.05														122		2	73		3	1286	6520	420	2.8	1925	1530	310	280									0.06	4					
9	2.98	3	3	6.9	7.1	8.0							8.3		121		2	87		3	1380	5760	450	3.2	2800	2090	400	300									0.39	4					
10	2.96			7.0	7.1	12.0							8.0								896	5490	460	2.8	2765		390	300															
11	3.21																				1759		500	2.7			400	390															
12	3.02																209		2	132		3	1218		450	2.9		390	305									0.06	4				
13	2.63			6.9	7.0	12.0							8.2								1246	6010	510	2.4	3045	2285	410	340															
14	2.86																				1135	5610	480	3.4	2765	2210	380	320															
15	3.27														110		2	52		3	1301	5980	490	3.6	2910	2340	390	300									0.06	4					
16	3.29	3	3	6.9	7.0	10.0							8.2		99		2	50		3	1376	7520	480	3.8	2960		380	300								0.39	3						
17	3.64			7.0	6.9	14.0							8.6								1344		500	3.4			360	290															
18	3.57																				1332		420	3.2			370	300															
19	3.47														123		4	81		3	1403		480	3.4			360	310									0.06	4					
20	3.19			7.0	7.1	15.0							8.4								1277	5900	480	2.9	2810	2160	400	330															
21	3.03																				1420	5440	480	3.1	2745	2110	380	320															
22	6.15														93		2	62		3	1380	5450	495	2.8	2585	2070	350	310									0.06	4					
23	6.64	3	3	6.9	7.0	15.0							8.6		75		2	52		3	1490		500	3			310	300									0.06	7					
24	5.33			6.9	7.2	12.0							8.8								1560	4670	510	2.9	2500	2010	340	300															
25	4.46																				2334		500	3			350	320															
26	3.82														99		2	60		3	1793		514	2.9			350	310										0.50	4				
27	3.69			7.0	7.1	10.0							8.6								1860	6100	600	2	3075	2310	360	320															
28	3.78																				2490	5660	620	2.8	2840	2265	340	310															
29	10.06																				2672		600	2.9			260	200															
30	7.00	3	3																		2411	7090	550	3.1	2745	2280	350	300															
31	7.13																				2081	6480	520	3	2680	2120	340	300															
Tot.	126.18	15	15																		46760																						
Avg.	4.07	3	3	6.9	7.1	10.7							8.4		110		2	69		3	1508	6622	491.8	2.838	2684	2133	375.2	315.6										0.15	4				

RESIDENTIAL
 COMMERCIAL
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT
 38765 FLOW
 13812 CBOD
 17741 TSS

Joseph Shaun Smith
 OPERATOR

17987
 CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

(502) 239-7695

PLANT TELEPHONE