



**MSD**

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

November 25, 2008

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

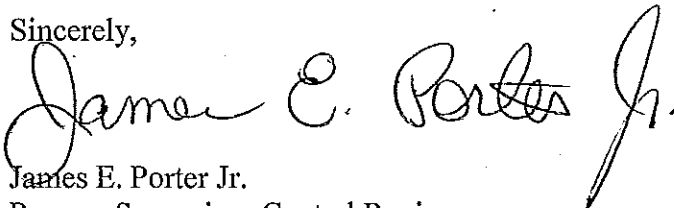
RE: Cedar Creek Treatment Plant, KPDES No: KY0098540  
Discharge Monitoring Report  
October 2008

Dear Ms. Bentley:

Attached is 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 October 2008. There were no Discharge Reports for the month as there were no discharges.

If you have any questions concerning the attached DMR's, please contact me at (502) 239-7695.

Sincerely,



James E. Porter Jr.  
Process Supervisor Central Region

JEP/Cedar Creek 1008.doc

Enclosures

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



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

NAME MSD CEDAR CREEK STP  
 ADDRESS C/O CEDAR CREEK STP  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY MSD CEDAR CREEK STP  
 LOCATION LOUISVILLE KY  
 ATTN: DENNIS THOMASSON, SR METRO OPS

KY0015540		0012					
PERMIT NUMBER		DISCHARGE NUMBER					
MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY

NEW EXPANSION EFFLUENT  
 \*\*\* NO DISCHARGE [ ] \*\*\*

JEPFF

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)	00300 1 0 0	*****	*****		7.4	*****	*****	( 17 )	0	3/1	COND
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	INST MIN	*****	*****	MG/L		WEEK	
PH	00400 1 0 0	*****	*****		6.9	*****	7.2	( 12 )	0	3/1	COND
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	***	MINIMUM	*****	MAXIMUM	5U		WEEK	
SOLIDS, TOTAL SUSPENDED	00530 0 0 0	6015	7316	( 20 )	*****	175	226	( 17 )	0	3/1	COND
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEK	
SOLIDS, TOTAL SUSPENDED	00530 1 0 0	70	80	( 20 )	*****	2	2	( 17 )	0	3/1	COND
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	1875 MG AVG	2515 MX WK AV	LBS/DY	*****	30 MD AVG	45 MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	00610 0 0 0	1017	1107	( 20 )	*****	29	33	( 17 )	0	3/1	COND
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	00610 1 1 0	3	6	( 20 )	*****	0.09	0.20	( 17 )	0	3/1	COND
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	250 MD AVG	375 MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		WEEK	
PHOSPHORUS, TOTAL (AS P)	00665 1 1 0	2.9	3.2	( 20 )	*****	0.08	0.10	( 17 )	0	3/1	COND
EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	0.3 MD AVG	0.75 MX WK AV	LBS/DY	*****	1.0 MD AVG	1.5 MX WK AV	MG/L		WEEK	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H. Z. SCHROUBIN 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.

*Dennis Thomasson, Sr*  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
502	540-6000	08	11	25
AREA CODE	NUMBER	YEAR	MO	DAY

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

NAME MSD CEDAR CREEK STP  
 ADDRESS 070 CEDAR CREEK STP  
 8405 CEDAR CREEK RD  
 LOUISVILLE KY 40211  
 FACILITY MSD CEDAR CREEK STP  
 LOCATION LOUISVILLE KY  
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

WY0075540  
 PERMIT NUMBER  
 001 2  
 DISCHARGE NUMBER  
 MONITORING PERIOD  
 FROM YEAR MO. DAY TO YEAR MO. DAY

MAJOR (SUBR LV)  
 P - FINAL  
 NEW EXPANSION  
 EFFLUENT  
 \*\*\* NO DISCHARGE 10/1 \*\*\*

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT / PERMIT REQUIREMENT	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	SAMPLE MEASUREMENT	4.17	4.83	( CFS )	*****	*****	*****	*****	0	C/W	2/M
50050 1 0 0	PERMIT REQUIREMENT	MD AVG	DAILY MX	MGD	*****	*****	*****	*****		*****	*****
EFFLUENT GROSS VALUE											
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	4	5	( 107 )	0	3/4	COND
74055 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	300	400	*/		*****	*****
EFFLUENT GROSS VALUE											
500 500											
500, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	4090	4953	( 267 )	*****	119	142	( 177 )	0	3/4	COND
50082 1 0 0	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		*****	*****
RAW SEW/INFLUENT											
500, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	105	120	( 267 )	*****	3	3	( 177 )	0	3/4	COND
50082 1 0 0	PERMIT REQUIREMENT	MD AVG	MX WK AV	LBS/DY	*****	MD AVG	MX WK AV	MG/L		*****	*****
EFFLUENT GROSS VALUE											
500, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****	*****	*****	95.7	*****	( 207 )	0	1/31	CALC
50091 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	MD MIN	*****	PER-CENT		*****	*****
PERCENT REMOVAL											
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	97.9	*****	( 207 )	0	1/31	CALC
51011 1 0 0	PERMIT REQUIREMENT	*****	*****	***	*****	MD MIN	*****	PER-CENT		*****	*****
PERCENT REMOVAL											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
 H. E. SHARPLES JR  
 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.

JAMES E. BISHOP  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE DATE  
 AREA CODE NUMBER YEAR MO DAY  
 502 541-1000 07 11 25

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: October 2008  
 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	WAST ED	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	3.76										203		2	128		3	1659	4920	480		4	3040	2280	310	290								0.06	13		
2	3.59	3	3	7.0	7.4				7.1		130		2	87		3	1669	5370	508		4	3950	3030	340	300								0.50	3		
3	3.59			7.0	7.6				7.2								1575	6100	548		4.1	3660	2725	320	300											
4	3.68																1533		500		4.1			340	320											
5	3.79										95		2	70		3	1525		500		4.1			320	290								0.06	3		
6	3.61			6.9	7.6				7.1								1432	5290	555		3.6	3,91	2285	320	300											
7	3.88																1461	4960	450		3.8	3040	2165	310	300											
8	5.48										115		2	76		3	1683	7920	555		2.8	3535	2440	300	290							0.06	3			
9	4.70	3	3	6.9	8.0				6.9		152		2	86		3	1683	6890	650		2.6	3385	2360	300	290							0.06	10			
10	4.28			7.0	8.2				7.0								1692	6910	420		3.2	3210	2205	310	300											
11	4.20																1647		600		3.3			310	300											
12	4.23										137		2	137		3	1594		500		3.6												0.06	3		
13	3.89			7.0	8.0				7.1								1649	5950	450		3.2	2900	2010	300	290											
14	3.73																1608	5460	480		2.8	2925	2135	300	280											
15	3.63										291		2	156		3	1697	4620	500		2.9	2865	2170	300	270							0.06	3			
16	3.98	3	3	6.9	8.6				7.0		181		2	122		3	1628		350		3.1			300	280							0.06	3			
17	3.85			7.0	8.4				7.0								1725	4910	450		2.6	2885		300	280											
18	4.08																1801		450		5			310	280											
19	4.17										205		2	142		3	1690		445		4.2			300	270						0.06	3				
20	3.73			6.9	8.4				7.1								1567	4670	500		4.8	3100	2325	290	270											
21	3.70																1575	5010	450		4.4	3040	2240	300	280											
22	3.72										175		2	168		3	1481	5890	400		4.1	3105	2225	300	270						0.06	3				
23	3.74	3	3	7.0	8.0				7.0		225		2	145		3	1248	4990	450		4.2	2990	2195	300	280						0.06	10				
24	6.03			6.9	8.0				7.0								1466		450		3.6			280	290											
25	6.15																1292		400		3.4			280	240											
26	5.44										187		2	113		3	1407		440		4			290	250						0.06	3				
27	4.70			6.9	8.8				6.9								1379	5060	450		4.6	2885	2175	290	260											
28	4.04																1660	1780	490		5	3045	2325	290	250											
29	4.08																1179	5260	450		4.9	2985	2280	280	260											
30	4.03	3	3														1139		450		4.6			280	250											
31	3.85																1242	5490	350		4.6	2650	2030	270	250											
Tot.	#####	15	15														47586																			
Avg.	4.17	3	3	7.0	8.1				7.0		175		2	119		3	1535	5373	473.3		3.845	2960	2294	300.7	279.3								0.09	4		

RESIDENTIAL  
 COMMERCIAL  
 INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT  
39733 FLOW  
24390 CBOD  
28940 TSS

OPERATOR

CERT. NO.

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

PLANT TELEPHONE