



MSD

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

October 23, 2008

Ms. Vickie L. Prather
Kentucky Division of Water
14 Reilly Road
Frankfort, Kentucky 40601

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

Dear Ms. Prather:

Attached is the Discharge Monitoring Report (DMR) for the Cedar Creek Wastewater Treatment Plant, KPDES No.: KY0098540 for the month of September 2008. Also included is the 3rd quarter Bio-monitoring Report (DMR). 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,

Kevin D. Ries
Process Supervisor Central Region

JEP/Cedar Creek 0908.doc

Enclosures

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



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



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October 23, 2008

Charlie Roth
Louisville Regional Office (KDOW)
9116 Leesgate Road
Louisville, KY 40222-5084

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

Dear Mr. Roth:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR), for the Cedar Creek WTP, KPDES No.: KY0098540 for the month of September 2008. Also included is the 3rd quarter Bio-monitoring Report (DMR). There are no Discharge Reports attached as there were no discharges for the month.

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

Sincerely,

Kevin D. Ries
Process Supervisor Central Region

JEP/Cedar Creek 0908.doc

Enclosures

cc: V. Prather (KDOW)
T. Singleton
R. Shaw



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PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

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

KY0098540	001 2
PERMIT NUMBER	DISCHARGE NUMBER

MAJOR (SUBR LV)
F - FINAL
NEW EXPANSION
EFFLUENT
*** NO DISCHARGE 1 1 ***
NOTE: Read Instructions before completing this form.

PARAMETER		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	*****	*****		7.8	*****	*****	(19)	0	03/07	GR
00300 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	7.0	*****	*****	MG/L		THREE/GRAB	
EFFLUENT GROSS VALUE					INST MIN					WEEK	
PH	SAMPLE MEASUREMENT	*****	*****		6.8	*****	7.2	(12)	0	03/07	GR
00400 1 0 0	PERMIT REQUIREMENT	*****	*****	*****	6.0	*****	7.0	BU		THREE/GRAB	
EFFLUENT GROSS VALUE					MINIMUM		MAXIMUM			WEEK	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	5400	6281	(26)	*****	183	210	(19)	0	03/07	CP
00530 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		THREE/COMPOS	
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV			WEEK	
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	59	65	(26)	*****	2	2	(19)	0	03/07	CP
00530 1 0 0	PERMIT REQUIREMENT	1876	2815		*****	30	45	MG/L		THREE/COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV			WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	925	1014	(26)	*****	32	32	(19)	0	03/07	CP
00610 0 0 0	PERMIT REQUIREMENT	REPORT	REPORT		*****	REPORT	REPORT	MG/L		THREE/COMPOS	
RAW SEW/INFLUENT		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV			WEEK	
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	3	5	(26)	*****	0.1	0.2	(19)	0	03/07	CP
00610 1 1 0	PERMIT REQUIREMENT	250	375		*****	4	6	MG/L		THREE/COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV			WEEK	
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	2.3	2.7	(26)	*****	0.1	0.1	(19)	0	03/07	CP
00665 1 1 0	PERMIT REQUIREMENT	63	94		*****	1.0	1.5	MG/L		THREE/COMPOS	
EFFLUENT GROSS VALUE		MO AVG	MX WK AV	LBS/DY		MO AVG	MX WK AV			WEEK	
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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		TELEPHONE		DATE	
H.J. Schardein Exec. Director						Ken D. Rios		502 540-6000		08 10 24	
TYPED OR PRINTED		AREA CODE		NUMBER		YEAR		MO		DAY	

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

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

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

KY0098540
PERMIT NUMBER

001 2
DISCHARGE NUMBER

MAJOR
(SUBR LV)
F - FINAL
NEW EXPANSION
EFFLUENT

JEFFE

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

PARAMETER		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	3.61	3.93	(03)	*****	*****	*****		Ø	CN	CN
50050 1 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT DAILY MX		*****	*****	*****	****			
EFFLUENT GROSS VALUE											
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	*****	*****	*****	*****	3	4	(13)	Ø	03/07	CP
74055 1 0 0	PERMIT REQUIREMENT	*****	*****		*****	200	400 #/	#/			
EFFLUENT GROSS VALUE					30DA GEO	7 DA GEO	100ML				
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	4307	5050	(26)	*****	145	172	(19)	Ø	03/07	CP
80082 0 0 0	PERMIT REQUIREMENT	REPORT MO AVG	REPORT MX WK AV		*****	REPORT MO AVG	REPORT MX WK AV	MG/L			
RAW SEW/INFLUENT											
BOD, CARBONACEOUS 05 DAY, 20C	SAMPLE MEASUREMENT	88	97	(26)	*****	3	3	(19)	Ø	03/07	CP
80082 1 0 0	PERMIT REQUIREMENT	625 MO AVG	938 MX WK AV		*****	10 MO AVG	15 MX WK AV	MG/L			
EFFLUENT GROSS VALUE											
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	SAMPLE MEASUREMENT	*****	*****	*****	98	*****	*****	(23)	Ø	01/30	CA
80091 K 0 0	PERMIT REQUIREMENT	*****	*****		85 MO MIN	*****	*****	PER-CENT			
PERCENT REMOVAL											
SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	*****	*****	*****	99	*****	*****	(23)	Ø	01/30	CA
81011 K 0 0	PERMIT REQUIREMENT	*****	*****		85 MO MIN	*****	*****	PER-CENT			
PERCENT REMOVAL											
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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		TELEPHONE		DATE		
H.J. Scharlem Exec. Director							502.540-6000		08 10 24		
TYPED OR PRINTED							AREA CODE	NUMBER	YEAR	MO	DAY

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

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ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0098540

PERMIT NUMBER

001 Y

DISCHARGE NUMBER

MAJOR

(SUBR LV)

F - FINAL

JEFFE

METALS/BIO-MONITORING/QUARTERLY
EFFLUENT

*** NO DISCHARGE 1 1 ***

NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	260	260	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
CADMIUM, DISSOLVED (AS CD) 01025 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0001	0.0001	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
COPPER, DISSOLVED (AS CU) 01040 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.007	0.007	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
LEAD, DISSOLVED (AS PB) 01049 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	<0.005	<0.005	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
ZINC, DISSOLVED (AS ZN) 01090 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0378	0.0378	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0378	0.0378	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.0001	0.0001	(19)	0	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MD AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		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.				TELEPHONE		DATE			
H. J. SCHWABEIN JR. EXECUTIVE DIRECTOR TYPED OR PRINTED						502 546-6000		08 10 23			
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT				AREA CODE		YEAR MO DAY			

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

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FACILITY MSD CEDAR CREEK STP
LOCATION LOUISVILLE KY
ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0098540			001 Y			
PERMIT NUMBER			DISCHARGE NUMBER			
MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
08	07	01		08	07	30

MAJOR (SUBR LV)
F - FINAL JEFFE
METALS/BIO-MONITORING/QUARTERLY
EFFLUENT
*** NO DISCHARGE 1 1 ***
NOTE: Read Instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	< 0.005	< 0.005	(19)	Ø	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.007	0.007	(19)	Ø	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		QTRLY	COMPOS
TOXICITY, FINAL CONC TOXICITY UNITS 61406 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	*****	< 1.00	(20)	Ø	1/91	comp
	PERMIT REQUIREMENT	*****	*****	*****	*****	*****	1.0 CHRONC DAILY MX	TOXCTY		QTRLY	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	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.	TELEPHONE	DATE			
H. J. SCHARDEN JR.			502-540-6000	08	10	23
EXECUTIVE DIRECTOR						
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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

NAME OF TREATMENT PLANT CEDAR CREEK WTP

COUNTY JEFFERSON

MONTH OF: September 2008

KPDES PERMIT NUMBER KY0098540

PLANT CAPACITY 7.5 MGD

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	3.91											147		2	106		3	1588		500		5			290	280							0.06	3	
2	3.51			6.9	7.2				8.2			239		2	154		3	1630	8340	600	4.8	3330	2300	300	290								0.06	3	
3	3.90			7.0	7.0				8.0			162		2	125		3	1575		400	4.8			300	290								0.06	7	
4	3.89	3	3	6.8	7.0				8.2									1672	6500	450	5	3035	2145	300	280										
5	4.00																	1640	6210	500	4.6	3045	2225	300	280										
6	4.15																	1640		430				300	290										
7	4.15											233		2	236		3	1720		450				300	280							0.06	3		
8	3.61			6.9	7.1				8.2			170		2	101		3	1620	5690	490	4.8	2875	2120	300	280							0.06	3		
9	2.57			7.0	6.9				8.4			142		2	116		3	1540	6060	430	5.2	2920	2235	300	290							0.06	3		
10	3.86			7.0	7.1				8.2									1772	6810	400	4.8	3195	2350	280	250										
11	3.76	3	3															1772	4830	420	4.6	2825	1940	260	250										
12	3.62																	1733	5350	400	4.6	2635	2040	260	260										
13	3.81																	1596		415				260	250										
14	3.57											158		2	97		3	1462		402				260	260							0.06	3		
15	3.41			7.0	6.9				8.5			183		2	136		3		4710	400	4.8	2850	2090	290	250							0.06	3		
16	3.43			6.9	6.9				8.3			205		2	237		3	1276	4920	400	4.8	2805	2055	300	260							0.06	3		
17	3.34			7.0	7.0				8.2									1587	5130	520	4.4	3210	2280	300	280										
18	3.45	3	3															1578	4860	500	4.2	3170	2160	310	280										
19	3.25																	1393	5440	640	4.2	3295	2360												
20	3.66																	1626		480				310	290										
21	3.42											241		2	142		3	1526		600				310	300							0.39	3		
22	3.48			6.9	7.0				8.1			156		2	139		3	1373	5940	555	4	3420	2870	310	290							0.06	3		
23	3.36			7.0	6.8				7.8			155		2	155		3	1537	6210	520	4.2	3180	2465	300	280							0.45	3		
24	3.38			6.9	6.9				8.2									1639	5810	480	5	3200	2500	310	300										
25	3.46	3	3															1643	5670	500	4.6	3095	2370	310	300										
26	3.52																	1660	5480	500	4.8	3060	2310	310	300										
27	3.61																	1672		600				300	300										
28	3.81																	1604		450				310	300										
29	3.40																	1660	5150	500	5.4	3130	2235	300	300										
30	4.01																	1599	5260	450	2.8	3085	2215	300	300										
31																																			
Tot.	#####	12	12															46333																	
Avg.	3.61	3	3	6.9	7.0				8.2			183		2	145		3	1598	5719	479.4	4.609	3068	2263	295.9	281.4							0.12	3		

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

34381

25739

26177

FLOW

CBOD

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

0

SEWER CONNECTIONS

0

X

4

=

0

SEWERED POPULATION

PLANT TELEPHONE