



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

December 14, 2015

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-November 2015

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 November 2015.

There were no exceedances, 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 black ink, appearing to read "Kevin Thompson", is written over the word "Sincerely,".

Kevin Thompson
Process Supervisor Central Region

KLT/Cedar Creek 11.15.doc

Enclosures

cc: T. Singleton
R. Shaw



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

DMR Copy of Record

Permit

Permit #:

KY0098540

Major:

Yes

Permittee:

CEDAR CREEK WQTC MSD

Permittee Address:

8405 CEDAR CREEK RD
LOUISVILLE, KY 40211

Facility:

CEDAR CREEK WQTC MSD

Facility Location:

8405 CEDAR CREEK RD
LOUISVILLE, KY 40211

Permitted Feature:

001
External Outfall

Discharge:

001-1
MUNICIPAL DISCHARGE

Report Dates & Status

Monitoring Period:

From 11/01/15 to 11/30/15

DMR Due Date:

12/28/15

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

James

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

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Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

No errors.

Comments		
Attachments		
Name	Type	Size
201511_CedarCreek_Coverletter.pdf	pdf	405974
201511_CedarCreek_MOR.pdf	pdf	1005013
Report Last Saved By		
CEDAR CREEK WQTC MSD		
User:	kevin.ries@louisvillemsd.org	Date/Time: 2015-12-16 14:51 (Time Zone: -05:00)
Name:	Kevin Ries	
E-Mail:	kevin.ries@louisvillemsd.org	

NAME OF TREATMENT PLANT CEDAR CREEK WTP

COUNTY JEFFERSON

MONTH OF: November 2015

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		Total Phosphorus	Total Nitrogen	TOTAL FLOW INF. (MILLION GALLONS)						
		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)	ECOLI		
																		GAL/DAY X 1000	MLSS x1000					GAL/DAY X 1000	30 MIN.	60 MIN.	GALLONS X 1000				% DRY SOLIDS	% VOLATILE SOLIDS			% DRY SOLIDS	% VOLATILE SOLIDS
1	5.31			7.4	8.0					9.3		492		3	121		2		5640	70000	3.1	2690	2160	300	270							0.16		0.088		5.06504
2	4.84			7.4	8.0	20.0				8.6		1580		3	65		2		5640	70000	3.1	2690	2160	300	270					1.1		0.23	2	0.076	4.52	4.40467
3	3.56			7.4	7.9	22.0				7.9		86		3	58		2		6650	90000	4.2	2320	1860	300	280							0.31	1	0.09		3.76826
4	4.89			7.6	8.1	16.0				8.5									5960	105000	1.9	2340	1990	280	250								1		3.40771	
5	3.14			7.6	8.2					7.8									7700	60000	2.2	2700	2170	300	280										3.2617	
6	6.28			7.4	7.7					8.5									9000	97500	1.4	2320	2000	300	280										6.238	
7	6.06			7.6	8.2					8.2										90000	2.4				280										5.28578	
8	4.88			7.4	7.8					8.4		220		3	129		2			97500	3.7				270							0.19		0.115		4.6034
9	4.58			7.5	8.0	20.0				8.8		132		3	102		2		6710	90000	1.6	2640	2124	300	270							0.36	9	0.097	4.85	4.14513
10	5.82			7.5	8.3	18.0				8.9		94		3	58		2		8300	120000	3.0	2670	2220	290	260							0.23	4	0.129		5.25934
11	4.95			7.5	8.1	15.0				8.6									8620	112500	2.7	2570	2190	310	290								1		4.42604	
12	5.61			7.5	8.1					8.8									6660	120000	3.3	2910	2400	320	270					1.4					4.90407	
13	4.54			7.6	8.0					8.9									5380	77000	2.5	2590	2170	320	280										4.20107	
14	4.16			7.5	7.9					8.7										90000	3.8			310	280										3.94655	
15	4.06			7.3	7.7					9.2		206		3	158		2			90000	3.1			320	280							0.43		0.135		3.81335
16	3.70			7.5	7.3	14.0				8.6		176		3	95		2		6410	90000	2.2	2340	1890	310	280							0.20	42	0.3	5.49	3.32929
17	3.57			7.5	8.0	16.0				9.0		170		3	81		2		6730	120000	2.8	2840	2310	350	300							0.20	1	0.3		3.1911
18	8.33			7.7	8.1	13.0				9.4									4590	135000	3.2	2810	2390	360	300								1		8.0536	
19	8.76			7.5	8.1					9.2									6210		4.4	2460	1980	350	310					1.2					7.28733	
20	5.84			7.5	8.1					9.3									7790	77000	3.0	2850	2390	350	310										5.14683	
21	4.99			7.6	8.2					9.2										90000	2.4			350	300										4.69487	
22	4.55			7.7	8.2					9.3		184		3	104		2			90000	2.3			400	320							0.46		0.3		4.42322
23	4.46			7.4	8.0	15.0				9.2		234		3	80		2		4470	105000	2.2	3130	2550	400	310							0.20	6	0.3	6.4	3.82023
24	4.32			7.5	8.1	20.0				9.3		128		3	80		2		7240	110000	3.3	2840	2350	360	310					1.5		0.24	1	0.3		3.49821
25	3.82			7.4	8.2	16.0				9.2									6280		2.8	2880	2420	360	310								6		3.65975	
26	3.82			7.5	8.0					8.7										65000	2.6			380	310										3.60045	
27	3.45			7.4	8.1					8.3										65000	2.2			360	310										3.28545	
28	4.30			7.4	7.8					8.2										65000	2.5			390	310										4.63908	
29	7.95			7.4	7.0					7.7										65000	2.3			180	150										7.08681	
30	5.94			7.9	8.0					7.8										6060	65000	2.5	1560	1370	190	170					1.1					5.39838
31																																				
Tot.	#####																																			137.84471
Avg.	5.02			7.5	8.0	17.1				8.7		309		3	94		2		6652.6	90796.3	2.767	2603	2154	322.9	280.3					1.26		0.27	3	0.186	5.315	4.594823667

RESIDENTIAL
COMMERCIAL
INDUSTRIAL

INDUSTRIAL WASTE POPULATION EQUIVALENT

47772

23193

61456

Joseph Shaun Smith

20987

FLOW

CBOD

TSS

OPERATOR

CERT. NO.

TOTAL NUMBER OF SEWER CONNECTIONS

SEWER CONNECTIONS 0 X 4 = 0 SEWERED POPULATION

502-239-7695

PLANT TELEPHONE