



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

December 16, 2011

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
North Hunting Creek WQTC; KPDES No.: KY 0029106
Discharge Monitoring Reports for Nov. 2011**

Dear Ms. Edwards:

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the North Hunting Creek WQTC; KPDES No.: KY0029106 for the month of November 2011.

There were no exceedences, overflows or bypasses to report for this month.

If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,


Kevin Thompson
Process Supervisor, East Region

KT/North Hunting Creek 11.11

Enclosures

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



Beneficial Use of Louisville's Biosolids
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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

Form Approved
OMB No. 2040-0004

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

NAME: CEDAR CREEK WQTC
ADDRESS: 8405 CEDAR CREEK RD
LOUISVILLE, KY 40211
FACILITY: HUNTING CREEK N WQTC MSD
LOCATION: 7300 SHADWELL LN
PROSPECT, KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029106	001-1
PERMIT NUMBER	DISCHARGE NUMBER

DMR Mailing ZIP CODE: 40211
MINOR (SUBR LV) JEFFE
MUNICIPAL DISCHARGE
External Outfall

MONITORING PERIOD			
MM/DD/YYYY		MM/DD/YYYY	
FROM 11/01/2011	TO	11/30/2011	

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	8	*****	*****		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7.0	*****	8.0		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	4	6		*****	3	7		0	1/7	CP
	PERMIT REQUIREMENT	90 30DA AVG	135 DAILY MX	lb/d	*****	30 30DA AVG	45 DAILY MX	mg/L		Weekly	COMP24
Nitrogen, total 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	14	20		0	1/7	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N) 00610 1 2 Effluent Gross	SAMPLE MEASUREMENT	0.6	0.9		*****	0.4	0.5		0	1/7	CP
	PERMIT REQUIREMENT	15 30DA AVG	22.5 DAILY MX	lb/d	*****	5 30DA AVG	7.5 DAILY MX	mg/L		Weekly	COMP24
Phosphorus, total (as P) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.30	0.53		0	5/30	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	1 30DA AVG	2 DAILY MX	mg/L		Weekly	COMPOS
Flow, in conduit or thru treatment plant 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.196	0.760		*****	*****	*****	*****	0	CN	CN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	Mgal/d	*****	*****	*****	*****		Weekly	INSTAN

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>H.S. Schardeja Jr</i> 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 ensure that qualified personnel properly gather and evaluate the information submitted. Based on my knowledge 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 <i>Kelin Thoy</i>	TELEPHONE	DATE	
			502 540-6000	12/15/2011	
			AREA Code	NUMBER	MM/DD/YYYY

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

TOTAL NITROGEN - TKN (AS N) AND NITRATE/NITRITE (AS N)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
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		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Chlorine, total residual 50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	20.010	20.010		0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Weekly	GRAB
E. coli 51040 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	9		0	1/7	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	130 30DA GEO	240 7 DA GEO	#/100mL		Weekly	GRAB
BOD, carbonaceous, 05 day, 20 C 80082 1 0 Effluent Gross	SAMPLE MEASUREMENT	3	4		*****	3	5		0	1/7	CP
	PERMIT REQUIREMENT	30 30DA AVG	45 DAILY MX	lb/d	*****	10 30DA AVG	15 DAILY MX	mg/L		Weekly	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>H.J. Scharlein Jr</i> 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 <i>Kiri Moya</i>	TELEPHONE	DATE
			502-540-6000	12/15/2011
COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)		AREA Code	NUMBER	MMDD/YYYY

TOTAL NITROGEN - TKN (AS N) AND NITRATE/NITRITE (AS N)

Hunting Creek North

Date	Flow	INFLUENT Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
11/1/2011	0.10483						
11/2/2011	0.10457	184	224	26	160.469	195.353	22.675
11/3/2011	0.12721						
11/4/2011	0.10822						
11/5/2011	0.10405						
11/6/2011	0.11352						
11/7/2011	0.10462						
11/8/2011	0.11362						
11/9/2011	0.11809	468	343	43	460.919	337.811	42.349
11/10/2011	0.10721						
11/11/2011	0.10062						
11/12/2011	0.10724						
11/13/2011	0.11559						
11/14/2011	0.11625						
11/15/2011	0.23635						
11/16/2011	0.21206	162	139	11	286.510	245.833	19.454
11/17/2011	0.1498						
11/18/2011	0.11667						
11/19/2011	0.12732						
11/20/2011	0.16096						
11/21/2011	0.23571						
11/22/2011	0.4575						
11/23/2011	0.21582	102	77	7.2	183.594	138.595	12.960
11/24/2011	0.15093						
11/25/2011	0.13143						
11/26/2011	0.135						
11/27/2011	0.22418						
11/28/2011	0.76002						
11/29/2011	0.62911						
11/30/2011	0.37853						
Average	0.196	229	196	21.80	272.873	229.398	24.360
Maximum	0.760	468	343	43.00	460.9	337.81	42.349