



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

November 20, 2012

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

Re: MSD Metro Operations
Hunting Creek South WQTC; KPDES No.: KY 0029114
Discharge Monitoring Report for October 2012

Dear Ms. Edwards:

Attached are the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek South WQTC; KPDES No.: KY0029114 for the month of October 2012.

There were no exceedences , bypasses or overflows to report.

If you have any questions concerning the attached DMRs, please contact me at (502) 587-5832

Sincerely,

A handwritten signature in cursive script that reads "Richard Mills".

Richard Mills
Process Supervisor of Metro Operations

RM/Hunting Creek South 10/12

Enclosures

CC T. Singleton
R. Shaw



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

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 S WQTC MSD
LOCATION: 6530 MONTERO DR
PROSPECT, KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

KY0029114
PERMIT NUMBER

001-1
DISCHARGE NUMBER

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

MONITORING PERIOD	
MM/DD/YYYY	TO
10/01/2012	10/31/2012

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT PERMIT REQUIREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	UNITS			
Oxygen, dissolved (DO)		*****	*****	*****	7	*****	*****	0	1/1	GR
00300 1 0 Effluent Gross		*****	*****	*****	INST MIN	*****	mg/L		Weekly	GRAB
pH		*****	*****	*****	6	*****	*****	0	1/1	GR
00400 1 0 Effluent Gross		*****	*****	*****	MINIMUM	*****	SU		Weekly	GRAB
Solids, total suspended		15.99	36.55			11	MAXIMUM	0	1/7	CP
00530 1 0 Effluent Gross		62.84	94.26	lb/d	*****	30	DAILY MX		Weekly	COMP24
Nitrogen, total		*****	*****	*****	*****	18	Req. Mon. 30DA AVG	0	1/7	CP
00600 1 0 Effluent Gross		*****	*****	*****	*****	Req. Mon. 30DA AVG	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N)		*****	*****	*****	*****	*****	*****			
00610 1 1 Effluent Gross		4.19	6.28	lb/d	*****	2	DAILY MX		Weekly	COMP24
Nitrogen, ammonia total (as N)		0.4	0.48		*****	0.4	0.5	0	1/7	CP
00610 1 2 Effluent Gross		10.5	15.71	lb/d	*****	5	DAILY MX		Weekly	COMP24
Phosphorus, total (as P)		*****	*****	*****	*****	0.3	0.4	0	5/31	CP
00665 1 0 Effluent Gross		*****	*****	*****	*****	1	DAILY MX		Weekly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
Greg S. Winters, Sr. Director of Executive Director	<i>Richard Miller</i>	502 540-6000	11-20-2012
TYPED OR PRINTED	AREA CODE	NUMBER	MM/DD/YYYY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Parameter 00610 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February, March, and April); enter NOD=9 for the Season not needed.

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DISCHARGE MONITORING REPORT (DMR)

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MONITORING PERIOD
MM/DD/YYYY TO MM/DD/YYYY
10/01/2012 TO 10/31/2012

No Discharge ☐

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	UNITS	VALUE	VALUE	VALUE	UNITS	UNITS			
Flow, in conduit or thru treatment plant	MEASUREMENT	0.148	Reg. Mon. 30DA AVG	0.313	Reg. Mon. INST MAX		MGD		0	CN	CN
50050 10 Effluent Gross	PERMIT REQUIREMENT										
Chlorine, total residual	MEASUREMENT					20.010			0	11	GR
50060 10 Effluent Gross	PERMIT REQUIREMENT					.011 30DA AVG		mg/L		Weekly	GRAB
E. coli	MEASUREMENT					2			0	117	GR
51040 10 Effluent Gross	PERMIT REQUIREMENT					130 30DA GEO		#/100mL		Weekly	GRAB
BOD, carbonaceous, 05 day, 20 C	MEASUREMENT	5.8	20.9 30DA AVG	7.91	31.42 DAILY MX	5			0	117	CP
80082 10 Effluent Gross	PERMIT REQUIREMENT					10 30DA AVG		mg/L		Weekly	COMP24

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Greg C. Thompson</i> Regional Executive Director	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Richard Mills</i>		TELEPHONE 902-540-6000	DATE 11-20-2012
			AREA Code NUMBER	MM/DD/YYYY
TYPED OR PRINTED				

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)
Parameter 00510 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

Hunting Creek South

Hunting Cr. So.		Report for		Oct-12		Tot. Exc.=		0			
Tot. Flow=		4.590		Concentrations				Pounds			
Date	Flow	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N	
10/1/12	0.240	14	4	0.17	1	36.546	7.906	0.444	0.102	19.410	
10/2/12	0.313										
10/3/12	0.237										
10/4/12	0.193										
10/5/12	0.193										
10/6/12	0.156	11	5	0.34	1	11.743	5.171	0.363	0.276	20.520	
10/7/12	0.145										
10/8/12	0.138										
10/9/12	0.128										
10/10/12	0.124										
10/11/12	0.122	4	7	0.5	5	3.836	6.538	0.480	0.433	14.910	
10/12/12	0.114										
10/13/12	0.127										
10/14/12	0.147										
10/15/12	0.109										
10/16/12	0.115	13	4	0.5	1	11.818	3.670	0.455	0.229	15.610	
10/17/12	0.112										
10/18/12	0.131										
10/19/12	0.125										
10/20/12	0.125										
10/21/12	0.123	13	4	0.5	1	11.818	3.670	0.455	0.229	15.610	
10/22/12	0.119										
10/23/12	0.109										
10/24/12	0.110										
10/25/12	0.118										
10/26/12	0.160	13	4	0.5	1	11.818	3.670	0.455	0.229	15.610	
10/27/12	0.193										
10/28/12	0.154										
10/29/12	0.133										
10/30/12	0.137										
10/31/2012	0.140	13	4	0.5	1	11.818	3.670	0.455	0.229	15.610	
Average	0.148										
Maximum	0.313										