



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

September 18, 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 August 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 August 2012.

There were no exceedences , bypasses or overflows to report.

As stated in the previous month's cover letter, MSD discovered that we had new permits and DMR's on 8/16/12. We started Sampling for E-coli and Total Nitrogen on 8/23/12, at this Facility.

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". The signature is written in dark ink and is positioned to the right of the word "Sincerely,".

Richard Mills
Process Supervisor of Metro Operations

RM/Hunting Creek South 08/12

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

KY0029114	001-1
PERMIT NUMBER	DISCHARGE NUMBER

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

ATTN: DENNIS THOMASSON, SR METRO OPS

MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2012	TO 08/31/2012

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)	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	*****		0	1/1	GR
00300 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	8		0	1/1	GR
00400 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended	SAMPLE MEASUREMENT	10.84	14.53		*****	9	11		0	1/7	CP
00530 1 0 Effluent Gross	PERMIT REQUIREMENT	62.84 30DA AVG	94.26 DAILY MX	lb/d	*****	30 30DA AVG	45 DAILY MX	mg/L		Weekly	COMP24
Nitrogen, total	SAMPLE MEASUREMENT	*****	*****	*****	*****	29	29		0	1/31	CP
00600 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	Req. Mon. 30DA AVG	Req. Mon. DAILY MX	mg/L		Weekly	COMPOS
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	0.56	0.74		*****	0.5	0.6		0	1/7	CP
00610 1 1 Effluent Gross	PERMIT REQUIREMENT	4.19 30DA AVG	6.28 DAILY MX	lb/d	*****	2 30DA AVG	3 DAILY MX	mg/L		Weekly	COMP24
Nitrogen, ammonia total (as N)	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****				
00610 1 2 Effluent Gross	PERMIT REQUIREMENT	10.5 30DA AVG	15.71 DAILY MX	lb/d	*****	5 30DA AVG	7.5 DAILY MX	mg/L		Weekly	COMP24
Phosphorus, total (as P)	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.3	0.4		0	5/31	CP
00665 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	1 30DA AVG	2 DAILY MX	mg/L		Weekly	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 ensure 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
Greg C. Heitzman TYPED OR PRINTED		503-540-4000	09-21-2012
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA Code	NUMBER
			MM/DD/YYYY

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

09-21-2012-RM

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

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OMB No. 2040-0004

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FACILITY: HUNTING CREEK S WQTC MSD
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ATTN: DENNIS THOMASSON, SR METRO OPS

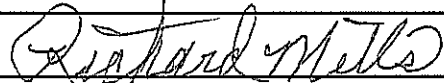
KY0029114	001-1
PERMIT NUMBER	DISCHARGE NUMBER

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MONITORING PERIOD	
MM/DD/YYYY	MM/DD/YYYY
FROM 08/01/2012	TO 08/31/2012

No Discharge ☐

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		VALUE	VALUE	UNITS	VALUE	VALUE	VALUE	UNITS			
Flow, in conduit or thru treatment plant	SAMPLE MEASUREMENT	0.146	0.195		*****	*****	*****	*****	0	CW	CA
50050 1 0 Effluent Gross	PERMIT REQUIREMENT	Reg. Mon. 30DA AVG	Reg. Mon. INST MAX	MGD	*****	*****	*****	*****		Weekly	INSTAN
Chlorine, total residual	SAMPLE MEASUREMENT	*****	*****	*****	*****	<0.010	<0.010		0	1/L	GR
50060 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Weekly	GRAB
E. coli	SAMPLE MEASUREMENT	*****	*****	*****	*****	13	13		0	1/31	GR
51040 1 0 Effluent Gross	PERMIT REQUIREMENT	*****	*****	*****	*****	130 30DA GEO	240 7 DA GEO	#/100mL		Weekly	GRAB
BOD, carbonaceous, 05 day, 20 C	SAMPLE MEASUREMENT	2.7	3.48		*****	2	3		0	1/7	CP
80082 1 0 Effluent Gross	PERMIT REQUIREMENT	20.9 30DA AVG	31.42 DAILY MX	lb/d	*****	10 30DA AVG	15 DAILY MX	mg/L		Weekly	COMP24

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
 TYPED OR PRINTED		502 549-6000		09-21-2012
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT		AREA Code	NUMBER	MM/DD/YYYY

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

09-21-2012
R.M.

Hunting Creek South

Hunting Cr. So.	Report for	Aug-12	0 (Influent data below.)								
Tot. Flow=	4.527	Concentrations		Tot. Exc.=		Pounds					
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	E. Coli	Tot. N
8/1/12	0.155										
8/2/12	0.139	6	3	0.34		6.967	3.483	0.395	0.367		
8/3/12	0.150										
8/4/12	0.162										
8/5/12	0.167										
8/6/12	0.146										
8/7/12	0.139										
8/8/12	0.130										
8/9/12	0.144	10	2	0.62		11.995	2.399	0.744	0.391		
8/10/12	0.141										
8/11/12	0.131										
8/12/12	0.144										
8/13/12	0.151										
8/14/12	0.146										
8/15/12	0.139										
8/16/12	0.158	11	2	0.39		14.529	2.642	0.515	0.388		
8/17/12	0.195										
8/18/12	0.159										
8/19/12	0.158										
8/20/12	0.149										
8/21/12	0.143										
8/22/12	0.138										
8/23/12	0.140	9	2	0.5		10.478	2.328	0.582	0.282	13	29.01
8/24/12	0.137										
8/25/12	0.144										
8/26/12	0.153										
8/27/12	0.146										
8/28/12	0.126								0.100		
8/29/12	0.128										
8/30/12	0.133										
8/31/12	0.136										
Average	0.146	9.00	2.25	0.46	0.00	10.99	2.71	0.56	0.31	13	29.01
Maximum	0.195	11.00	3.00	0.62	0.00	14.53	3.48	0.74	0.39	13	29.01