



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

October 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 September 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 September 2012.

There were no overflows or bypasses to reports for this month.

There were four CBOD violations for this month. At this time, we are unable to determine the cause of elevated CBOD. All of our process control data indicates the plant is operating at acceptable efficiency. The September 10, 2012 CBOD result was 52 mg/l. All other CBOD results were less than permitted limit. During the investigation process, we conducted a split sample of our plant effluent and had an independent laboratory analyze for CBOD. Those results were within allowable concentration limits. MSD's laboratory personnel are investigating their CBOD testing process.

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

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

DISCHARGE MONITORING REPORT (DMR)

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 (SUBR LV) JEFFE
 MUNICIPAL DISCHARGE
 External Outfall

MONITORING PERIOD
 FROM 09/01/2012 TO 09/30/2012

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) 00300 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	*****	*****	0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	7 INST MIN	*****	*****	mg/L		Weekly	GRAB
pH 00400 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	7	*****	8	*****	0	1/1	GR
	PERMIT REQUIREMENT	*****	*****	*****	6 MINIMUM	*****	9 MAXIMUM	SU		Weekly	GRAB
Solids, total suspended 00530 1 0 Effluent Gross	SAMPLE MEASUREMENT	12.30	21.22	*****	*****	9	15	*****	0	1/7	CP
	PERMIT REQUIREMENT	62.84 30DA AVG	94.26 DAILY MX	lb/d	*****	30 30DA AVG	45 DAILY MX	mg/L		Weekly	COMP24
Nitrogen, total 00600 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	21	23	*****	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 1 Effluent Gross	SAMPLE MEASUREMENT	0.57	0.74	*****	*****	0.4	0.5	*****	0	1/7	CP
	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) 00610 1 2 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
	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) 00665 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	0.3	0.3	*****	0	1/7	CP
	PERMIT REQUIREMENT	*****	*****	*****	*****	1 30DA AVG	2 DAILY MX	mg/L		Weekly	COMPOS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>Greg L. Hertzman</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.	<i>Richard Mills</i> SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE	DATE
			502-540-6000	10-22-2012
		AREA Code	NUMBER	MM/DD/YYYY

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

DISCHARGE MONITORING REPORT (DMR)

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	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 09/01/2012		TO 09/30/2012	

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 50050 1 0 Effluent Gross	SAMPLE MEASUREMENT	0.182	0.418		*****	*****	*****	*****	0	CN	CN
	PERMIT REQUIREMENT	Req. Mon. 30DA AVG	Req. Mon. INST MAX	MGD	*****	*****	*****	*****		Weekly	INSTAN
Chlorine, total residual 50060 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	20.010	20.010		0	1/6	GR
	PERMIT REQUIREMENT	*****	*****	*****	*****	.011 30DA AVG	.019 DAILY MX	mg/L		Weekly	GRAB
E. coli 51040 1 0 Effluent Gross	SAMPLE MEASUREMENT	*****	*****	*****	*****	2	4		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	24.6	77.48		*****	17	52		0	1/7	CP
	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>Greg C. Haslam</i> Interim Executive Director	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
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT <i>Richard Mills</i>	502-540-6000
TYPED OR PRINTED		AREA Code	NUMBER
			MM/DD/YYYY

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

See cover letter for explanation of exceedences/violations

Hunting Creek South

Hunting Cr. So.	Report for	Sep-12 Concentrations			Tot. Exc.=	4 Violation's		Pounds		
Tot. Flow=	5.46764	TSS	BOD	NH3	ECOLI	TSS	BOD	NH3	Tot. Phos.	Tot. N
9/1/12	0.150									
9/2/12	0.166									
9/3/12	0.241									
9/4/12	0.170	15	6	0.45		21.223	8.489	0.637	0.269	22.650
9/5/12	0.191				1					
9/6/12	0.189									
9/7/12	0.146									
9/8/12	0.349									
9/9/12	0.217									
9/10/12	0.179	12	52	0.5		17.879	77.477	0.745	0.259	16.110
9/11/12	0.156				1					
9/12/12	0.140									
9/13/12	0.128									
9/14/12	0.134									
9/15/12	0.138									
9/16/12	0.149									
9/17/12	0.157	6	6	0.45		7.870	7.870	0.590	0.244	21.390
9/18/12	0.164				4					
9/19/12	0.135									
9/20/12	0.135									
9/21/12	0.128									
9/22/12	0.138									
9/23/12	0.142									
9/24/12	0.134	2	4	0.28		2.227	4.454	0.312	0.237	23.060
9/25/12	0.165				2					
9/26/12	0.273									
9/27/12	0.418									
9/28/12	0.237									
9/29/12	0.203									
9/30/12	0.196									
Average	0.182	8.75	17.00	0.42	1.68	12.30	24.57	0.57	0.25	20.80
Maximum	0.418	15.00	52.00	0.50	4.00	21.22	77.48	0.74	0.27	23.06
Exceed.	0	0	1	0	0	0	1	0	0	0
DailyMX		0	1	0	0	0	1	0	0	0
MoAVG		0	1	0	0	0	1	0	0	0