



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

July 28, 2010

Ms. Carolena Bentley
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek North; WQTC KPDES No.: KY0029106
Discharge Monitoring Reports –June2010**

Dear Ms. Bentley

Attached is the Discharge Monitoring Reports (DMRs) and the Monthly Operator Report (MOR) for the Hunting Creek North WQTC, KPDES No.: KY0029106 for the month of June 2010.

There are no overflow reports or bypass reports for this month.

There were 2 exceedances for the month of June. One exceedance was for the total suspended solids concentration of maximum weekly average, and the other exceedance was for total suspended solids loading of maximum weekly average. At this time, although MSD is still investigating the cause of the exceedances, the cause of the elevated total suspended solids result has yet to be determined. Upon discovery of this result, MSD personnel conducted another total suspended solids sample for the seven day sampling period. This follow up sample was delivered to the laboratory, but unfortunately the sample was not kept within acceptable temperature parameters, rendering the sample void. MSD will resample to investigate the cause of the exceedance.

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

Sincerely,

D.J.Rheinlaender
Process Supervisor - Operations

DJR/HCN 0610

Enclosures



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

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

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
NAME HUNTING CREEK N WQTC MSD
ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
FACILITY HUNTING CREEK N WQTC MSD
LOCATION PROSPECT KY 40059
ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029108
PERMIT NUMBER

0011
DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE [] ***

JEFF

MONITORING PERIOD						
YEAR	MO.	DAY	TO	YEAR	MO.	DAY
10	05	21				

FROM

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	8	*****	*****	MG/L	0	1/7	GP
PH	PERMIT REQUIREMENT	*****	*****	****	7.3	*****	*****	BU	0	1/7	GP
00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	(26)	*****	*****	*****	MG/L	0	1/7	GP
00530 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	*****	*****	****	INST MIN	*****	*****	MG/L			
SOLIDS, TOTAL SUSPENDED 00530 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	289	407	LBS/DY	*****	*****	*****	MG/L	0	1/7	GP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	*****	*****	MG/L			
SOLIDS, TOTAL SUSPENDED 00530 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	40	136	LBS/DY	*****	*****	*****	MG/L	2	1/7	GP
00530 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	90 MD AVG	134 MX WK AV	LBS/DY	*****	*****	*****	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 0 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	34	44	LBS/DY	*****	*****	*****	MG/L	0	1/7	GP
00610 0 0 0 RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	*****	*****	MG/L			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 1 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	0.6	1.0	LBS/DY	*****	*****	*****	MG/L	0	1/7	GP
00610 1 1 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	5.0 MD AVG	7.0 MX WK AV	LBS/DY	*****	*****	*****	MG/L			
PHOSPHORUS, TOTAL (AS P) 00565 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	****	*****	*****	*****	MG/L	0	1/7	GP
00565 1 0 0 EFFLUENT GROSS VALUE	PERMIT REQUIREMENT	*****	*****	****	*****	*****	*****	MG/L			

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 SK001, 104
 H. J. Schardon, Jr
 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

TELEPHONE
 DATE
 AREA CODE NUMBER YEAR MO DAY

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

See cover letter for explanation of violations.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)
 NAME HUNTING CREEK N WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
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 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029106 PERMIT NUMBER
 001 1 DISCHARGE NUMBER

MINOR
 (SUBR LV)
 F - FINAL
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE [] ***

JEFF

MONITORING PERIOD							
FROM	YEAR	MO	DAY	TO	YEAR	MO	DAY
	00	00	00		00	00	00

NOTE: Read Instructions before completing this form.

PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLOW, IN CONDUIT DR THRU TREATMENT PLANT	0.163	0.239	(0.3)	*****	*****	*****	*****	0	C/A	1/10	
30050 I O O	PERMIT REQUIREMENT	30DA AVG	DAILY MX	MGD	*****	*****	*****	****		UDUS	
CHLORINE, TOTAL RESIDUAL	*****	*****	*****	*****	*****	*****	*****	(19)	0	1/7	GR
50060 I O O	PERMIT REQUIREMENT	*****	*****	****	*****	0.011 MD AVG	0.019 DAILY MX	MG/L		WEEKLY GRAB	
COLIFORM, FECAL GENERAL	*****	*****	*****	*****	*****	37	126	(15)	0	1/7	GR
74055 I O O	PERMIT REQUIREMENT	*****	*****	****	*****	200 30DA GED	400 7 DA GED	#/ 100ML		WEEKLY GRAB	
BOD, CARBONACEOUS 05 DAY, 20C	302	419	(25)	*****	*****	201	305	(17)	0	1/7	CP
80082 G O O	PERMIT REQUIREMENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY COMPOS	
BOD, CARBONACEOUS 05 DAY, 20C	5	12	(26)	*****	*****	3	6	(17)	0	1/7	CP
80082 I O O	PERMIT REQUIREMENT	30 MD AVG	45 MX WK AV	LBS/DY	*****	10 MD AVG	15 MX WK AV	MG/L		WEEKLY COMPOS	
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMOVAL	*****	*****	*****	*****	*****	99	*****	(23)	0	1/30	CA
80091 K O O	PERMIT REQUIREMENT	*****	*****	****	*****	MD MIN	*****	PER-CENT		ONCE MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****	*****	*****	*****	89	*****	(23)	0	1/30	CA
81011 K O O	PERMIT REQUIREMENT	*****	*****	****	*****	MD MIN	*****	PER-CENT		ONCE MONTH	

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER <i>W. J. Schaubert Jr</i>	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>W. J. Schaubert Jr</i>	TELEPHONE	DATE		
TYPED OR PRINTED			AREA CODE	NUMBER	YEAR	MO
			504 546 1100	10	7	13

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

Hunting Creek North

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
6/1/2010	0.155						
6/2/2010	0.162	214	145	21.17	289.131	195.907	28.602
6/3/2010	0.157						
6/4/2010	0.156						
6/5/2010	0.155						
6/6/2010	0.149						
6/7/2010	0.148						
6/8/2010	0.148						
6/9/2010	0.239	204	210	22.06	406.625	418.585	43.971
6/10/2010	0.161						
6/11/2010	0.146						
6/12/2010	0.165						
6/13/2010	0.18						
6/14/2010	0.219						
6/15/2010	0.169						
6/16/2010	0.156	190	157	19.82	247.198	204.263	25.787
6/17/2010	0.156						
6/18/2010	0.155						
6/19/2010	0.217						
6/20/2010	0.174						
6/21/2010	0.159						
6/22/2010	0.159						
6/23/2010	0.153	168	305	29.12	214.371	389.186	37.158
6/24/2010	0.148						
6/25/2010	0.141						
6/26/2010	0.146						
6/27/2010	0.149						
6/28/2010	0.178						
6/29/2010	0.15						
6/30/2010	0.14						
Average	0.163	194	204	23.04	289.331	301.985	33.879
Maximum	0.239	214	305	29.12	406.6	418.58	43.971

