



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

January 18, 2010

Crystal Thompson
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

**Re: MSD Metro Operations
Hunting Creek South; WQTC KPDES No.: KY0029114
Discharge Monitoring Reports-December 2010.**

Dear Ms. Thompson:

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 December 2010.

There were no exceedences , bypass or overflow reports for this month.

Also attached are the Annual Metals DMR's
If you have any questions concerning the attached DMRs, please contact me at (502)587-5856.

Sincerely,

Richard. Mills
Process Supervisor, East Region

RWM/HCS 1210

Enclosures

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



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

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

NAME HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211

FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059

ATTN: DENNIS THOMASSON, SR METRO DPE

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

KY0029114
 PERMIT NUMBER

001 1
 DISCHARGE NUMBER

MINOR (SUBR LV)
 7 - FINAL JEFFE
 MUNICIPAL DISCHARGE
 EFFLUENT
 *** NO DISCHARGE 1 1 ***

Form Approved.
 OMB No. 2040-0004

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
10	12	01		10	12	01	

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
OXYGEN, DISSOLVED (DO)		*****	*****		7	*****	*****	(14)	0	5/30	GR
00300 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	7 INST MIN	*****	*****	MG/L		WEEKLY	GR
PH		*****	*****		6.8	*****	7.0	(12)	0	5/30	GR
00400 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	6.0 MINIMUM	*****	9.0 MAXIMUM	SU		WEEKLY	GR
SOLIDS, TOTAL SUSPENDED		301	374	(26)	*****	194	298	(19)	0	1/7	CP
00530 0 0 0 RAW SEW/INFLUENT		REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	JUMPS
SOLIDS, TOTAL SUSPENDED		11	20	(26)	*****	7	8	(15)	0	1/7	CP
00830 1 0 0 EFFLUENT GROSS VALUE		83	94	LBS/DY	*****	30	45	MG/L		WEEKLY	JUMPS
NITROGEN, AMMONIA TOTAL (AS N)		27	40	(26)	*****	18	30	(19)	0	1/7	CP
00610 0 0 0 RAW SEW/INFLUENT		REPORT MO AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	JUMPS
NITROGEN, AMMONIA TOTAL (AS N)		1	3	(26)	*****	1	2	(19)	0	1/7	CP
00610 1 2 0 EFFLUENT GROSS VALUE		11	16	LBS/DY	*****	5	7.5	MG/L		WEEKLY	JUMPS
PHOSPHORUS, TOTAL (AS P)		*****	*****		*****	0.7	1.6	(14)	0	8/30	CP
00665 1 0 0 EFFLUENT GROSS VALUE		*****	*****	****	*****	REPORT MO AVG	REPORT MX WK AV	MG/L		WEEKLY	JUMPS

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 HJ Schardien Jr.
 Exec. 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.

Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000
 DATE 11 1 20
 AREA CODE NUMBER YEAR MO DAY

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

NAME HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 2405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSON, SR METRO OPS

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

KY0029114 PERMIT NUMBER
 001 1 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	12	01		10	12	01

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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 OR THRU TREATMENT PLANT	0.193	0.294	(03)	*****	*****	*****		0	CN	CN	
EFFLUENT GROSS VALUE	30DA AVG	DAILY MX	MGD	*****	*****	*****	****		CONTIN	CONTIN	
CHLORINE, TOTAL RESIDUAL	*****	*****		*****	20.010	20.010	(19)	0	5/30	GR	
EFFLUENT GROSS VALUE	*****	*****	****	*****	0.011	0.017	MG/L		WEEKLY	TRND	
COLIFORM, FECAL GENERAL	*****	*****		*****	1	1	(13)	0	1/7	GR	
EFFLUENT GROSS VALUE	*****	*****	****	*****	200	400	100ML		WEEKLY	TRND	
BOD, CARBONACEOUS 05 DAY, 20C	200	281	(26)	*****	132	189	(19)	0	1/7	CP	
RAW SEW/INFLUENT	REPORT MD AVG	REPORT MX WK AV	LBS/DY	*****	REPORT MD AVG	REPORT MX WK AV	MG/L		WEEKLY	JUMPS	
BOD, CARBONACEOUS 05 DAY, 20C	5	9	(23)	*****	3	6	(19)	0	1/7	CP	
EFFLUENT GROSS VALUE	21	31	LBS/DY	*****	10	15	MG/L		WEEKLY	JUMPS	
BOD, CARB-5 DAY, 20 DEG C, PERCENT REMVL	*****	*****		98	*****	*****	(23)	0	CA	CA	
PERCENT REMOVAL	*****	*****	****	85	*****	*****	PER-CENT		ONCE/	MONTH	
SOLIDS, SUSPENDED PERCENT REMOVAL	*****	*****		97	*****	*****	(23)	0	CA	CA	
PERCENT REMOVAL	*****	*****	****	85	*****	*****	PER-CENT		ONCE/	MONTH	

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 Exec. Director

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Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6000
 DATE 11 1 20

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

NAME HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211
 FACILITY HUNTING CREEK S WQTC MSD
 LOCATION PROSPECT KY 40059
 ATTN: DENNIS THOMASSON, SR METRO DPS

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

KY0029114
 PERMIT NUMBER

001 M
 DISCHARGE NUMBER

MINOR (SUBR LV)
 F - FINAL JEFFE
 METALS MONITORING EFFLUENT
 *** NO DISCHARGE 1-1 ***

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	01	01		10	02	01

FROM TO

NOTE: Read Instructions before completing this form.

PARAMETER	X	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	223	223	(19)	6	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL
CADMIUM, DISSOLVED (AS CD) 01055 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.003	0.003	(19)	7	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL
COPPER, DISSOLVED (AS CU) 01040 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.01	0.01	(19)	6	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL
LEAD, DISSOLVED (AS PB) 01049 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.005	0.005	(19)	7	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL
ZINC, DISSOLVED (AS ZN) 01050 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.06	0.06	(19)	6	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL
ZINC TOTAL RECOVERABLE 01054 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.06	0.06	(19)	7	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE		*****	*****		*****	0.003	0.003	(19)	6	0/1YR	CP
		*****	*****	***	*****	REPORT NO AVG	REPORT DAILY MX	MG/L		ANNUAL	COMPL

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER
 H. J. Scherlein Jr.
 Exec. Director
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Richard Mills
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 540-6100
 DATE 10 11 17
 AREA CODE NUMBER YEAR MO DAY

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

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

NAME HUNTING CREEK S WQTC MSD
 ADDRESS C/O CEDAR CREEK WQTC
 8405 CEDAR CREEK RD
 LOUISVILLE KY 40211

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

KY0029114
 PERMIT NUMBER

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Form Approved
 OMB No. 2040-0004

FACILITY LOCATION HUNTING CREEK S WQTC MSD
 PROSPECT KY 40059

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
10	01	01		10	12	01

METALS MONITORING EFFLUENT
 *** NO DISCHARGE !!!

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PARAMETER	SAMPLE MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.005	0.005	(19)	0	1/YR	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		ANNUAL	SAMPLES
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****		*****	0.01	0.01	(19)	0	1/YR	CP
	PERMIT REQUIREMENT	*****	*****	****	*****	REPORT MO AVG	REPORT DAILY MX	MG/L		ANNUAL	SAMPLES
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
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	PERMIT REQUIREMENT										

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 Exec. Director
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Richard Mello
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE 502 546-6000
 DATE 10 11 17
 AREA CODE NUMBER YEAR MO DAY

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

Hunting Creek South

INFLUENT

Date	Flow	Concentration			Pounds		
		TSS	BOD	NH3	TSS	BOD	NH3
12/1/2010	0.294	102	21	11	250.100	51.491	26.972
12/2/2010	0.219						
12/3/2010	0.183						
12/4/2010	0.207						
12/5/2010	0.205						
12/6/2010	0.174						
12/7/2010	0.164						
12/8/2010	0.15	298	153	29.9	372.798	191.403	37.405
12/9/2010	0.151						
12/10/2010	0.149						
12/11/2010	0.181						
12/12/2010	0.232						
12/13/2010	0.188						
12/14/2010	0.167						
12/15/2010	0.163						
12/16/2010	0.207						
12/17/2010	0.192						
12/18/2010	0.198						
12/19/2010	0.201	124	165	3	207.866	276.596	5.029
12/20/2010	0.191						
12/21/2010	0.196						
12/22/2010	0.198						
12/23/2010	0.195						
12/24/2010	0.203						
12/25/2010	0.211						
12/26/2010	0.188						
12/27/2010	0.178	252	189	27	374.099	280.574	40.082
12/28/2010	0.168						
12/29/2010	0.167						
12/30/2010	0.245						
12/31/2010	0.226						
Average	0.193	194	132	17.73	301.216	200.016	27.372
Maximum	0.294	298	189	29.90	374.1	280.57	40.082

Hunting Creek South

Hunting Cr. So.	Report for	Dec-10	Concentrations			Tot. Exc.=	0 (Influent data below.)					
Tot. Flow=	5.991				Pounds							
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	TSS Rem	BOD Rem	
12/1/10	0.294	8	2	0.34	1	19.616	4.904	0.834	0.715	0.921569	0.904762	
12/2/10	0.219											
12/3/10	0.183											
12/4/10	0.207											
12/5/10	0.205											
12/6/10	0.174											
12/7/10	0.164											
12/8/10	0.15	7	2	0.7	1	8.757	2.502	0.876	0.572	0.97651	0.986928	
12/9/10	0.151											
12/10/10	0.149											
12/11/10	0.181											
12/12/10	0.232											
12/13/10	0.188											
12/14/10	0.167											
12/15/10	0.163											
12/16/10	0.207											
12/17/10	0.192											
12/18/10	0.198											
12/19/10	0.201	5	2	1.9	1	8.382	3.353	3.185	1.230	0.959677	0.987879	
12/20/10	0.191											
12/21/10	0.196								1.580			
12/22/10	0.198											
12/23/10	0.195											
12/24/10	0.203											
12/25/10	0.211											
12/26/10	0.188											
12/27/10	0.178	6	6	0.73	1	8.907	8.907	1.084	0.203	0.97619	0.968254	
12/28/10	0.168								0.462			
12/29/10	0.167								0.393			
12/30/10	0.245								0.184			
12/31/10	0.226											
Average	0.193	6.50	3.00	0.92	1.00	11.42	4.92	1.49	0.67	97%	98%	
Maximum	0.294	8.00	6.00	1.90	1.00	19.62	8.91	3.19	1.58			