

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

January 18, 2011

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

Re:

MSD Metro Operations

Hunting Creek North; WQTC KPDES No.: KY0029106

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 North WQTC, KPDES No.: KY0029106 for the month of December 2010.

There are no exceedences, overflow reports or bypass 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, Lichard Mells

Richard Mills

Process Supervisor - East Region

RM/HCN 1210

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R.Shaw



HUNTING CREEK N WOTC MSD

ADDRESS C/G CEDAR CREEK WOTC SAOS CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK N WATC MED LOCATION PROSPECT

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

MONITORING PERIOD

TO

KYOOZFIOS **PERMIT NUMBER**

MO DAY

100

YEAR

FROM

001 DISCHARGE NUMBER

DAY

YEAR MO

MINOR (SUBR LV) F - FIMAL

VEFFE

Form Approved.

OMB No. 2040-0004

MUNICIPAL DISCHARGE

EFFLUENT

PARAMETER		QUAN	TITY OR LOADING		QUALITY OR CONCENTRATION					FREQUENCY	SAMEL
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
CDC)	SAMPLE MEASUREMENT	安全安全会	· 教授教授者		8	各条条条条	****	1 273	0	5/30	GR
00000 1 0 0 <u>Effluent Gross</u> Value	PERMIT REQUIREMENT	外教女女办教	安安安尔斯 安 5	***	INST MIN	特殊特殊特殊	神安沙安安衛	1467L	7667 (300)	<i>(1)</i> 5.5.3% (1	
Piri	SAMPLE MEASUREMENT	经济的证券	海安安安安安		7.0	****	7.1	C September 1	٥	5/30	G K
20400 1 0 0 Effluent gross value	PERMIT REQUIREMENT		****	***** *****	AINIMUM	我会会会会	PLO MAXIMUM	su :		Jan John M. Can	AF. A.S
SDLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	393	811	(26)	经安全分分许	330	778	1 197	D	1/7	C.P
00500 0 0 0 Raw Sew/influent	PERMIT REQUIREMENT	REFORT MD AVG	REPORT NX WK AY	LES/DY	会看等处务者	REFORT MO AVG	REPORT MX MK AV	MG/L	(650 655) 375 116 375 116	djare P.C. V	
SOLIDS, TOTÄL SUSPENDED	SAMPLE MEASUREMENT	6	. ₹	(26)	· 经基金条款债券	5	.7	() () () () () ()	0	1/7	C#
00500 1 0 0 <u>Effluent Gross valu</u> e	PERMIT REQUIREMENT	OF AVA OM	MX WK AV	LBSZDY	李本字本學	OVA UM	MX WK AV	MG/L	743 (114) 763 (114)	9 /2 (2,1/4)Y	
VITROGEN, AMMÓNIA FOTAL (AS N)	SAMPLE MEASUREMENT	128	34	(26)	# *******	22	32	(<u>1</u>	Ó	1/7	CS
RAW SEW/INFLUENT	PERMIT REQUIREMENT	REPORT	REPORT MX WK AV	LBS/DY	经保持保护	REPORT MC AVO	REPURI MX WK AS	MG/L		diministrative V	J. J. P. C.
NITROGEM, AMMONIA FOTAL (AS N)	SAMPLE MEASUREMENT	O.+	0.5	0 267	·····································	0.3	0.5	1 173	0	1/7	C P
20610 1 2 0 <u>Effluent Gross Val</u> ue	PERMIT REQUIREMENT	15 10 AVQ	MX WK AV	LBS/DY	经存在外外	MB AVG	MX WK AV	MGZL	182 - 291 182 - 291 183 - 291	P. Kirkin P. Spite (سان ۱۳۹۶ کیا ہے
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	1. 计安全转换	都常泰泰泰泰 · · · · · · · · · · · · · · · · ·		检验检验检验	. 0-3	0-3	1	0	5/30	α Υ
20465 1 00 0 <u>Effluent Gross Value</u>		新部部外状态	****	**** ****	李宗宗宗教	REPURIO MG AVG	MK UN AS	MG/L		MUNTH	additiff)
NAME/TITLE PRINCIPAL EXECUTIVE	under penalty of law that the under my direction or super that appelling a second period and the second period as a second period perio	ervision in accordance with a	system designed				TELEPHON	E	DA	TE	
HT Schondien JRI EXECTION FECTOR	submitte or those submitte	e that qualified personnel pr ed. Based on my inquiry of the persons directly responsible ed is, to the best of my knowle	ie person or persons who ma for gathering the informatic edge and belief, true, accura	mage the system, on, the information ite, and complete.	2.5	ichardy	1.4.1.2. I	21516-60	اند تمرور	5 1	1 20
TYPED OR PRINTED		are that there are significant g the possibility of fine and i			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			EA NUMBER		YEAR M	IO DAY

OF

HUNTING CREEK N WOTO MSD

ADDRESS C/O CEDAR CREEK WOTC 6405 CHDAM! CREEK RD

LOUISVILLE KY 40211

FACILITY HURTING CREEK N WOTC MSD

KY 40057

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

MONITORING PERIOD

TO

KY0029106 PERMIT NUMBER

МО

DAY

YEAR

FROM

OUL DISCHARGE NUMBER

DAY

ting the

YEAR MO

MIMOR (SUBR LV) F - FINAL OMB No. 2040-0004

Form Approved.

JEFFE

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE I__ | ***

PARAMETER		QUAN	TITY OR LOADING		QUALITY OR CONCENTRATION					FREQUENCY	SAMEL
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
FLOW, IN CONDUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0,152	0-230	(03)	经验税款条件	安长安安安	*********	÷	0	CN	CN
50050 1 0 0 <u>Effluent gross</u> value	PERMIT REQUIREMENT	REPORT RODA AVS	REPORT DAILY MX	MGD	安全保全等	*****	****	****		Unus Unus	
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	各家会会查	物學特殊的		李本本本本本	∠0.010	L0-010	i ite	٥	5/30	GR
50060 1 0 0 <u>Stfluent Gross v</u> alue	PERMIT REQUIREMENT	**************************************	2. ************************************	· 李安安安	教授协约长 参	MG AVG	DAILY M	N MG/L .		NAISIKKA Y	SKAS
COLIFORM, FECAL GENERAL	SAMPLE MEASUREMENT	经营销货价格	经营营营业的		총충방창총창	3	र्ट	(23)	0	1/7	GR
74055 1 0 0 <u>Effluent Gross valu</u> e	PERMIT REQUIREMENT	李本本本本本	· 教授教授教授的 2 图 图 图 图	4. 安安安 安安安安	於如於如於	COS ACCC	400 Z DA GE	1/11 · ·		(Planeau Prince)	150 \$1.7 PM \$2.7
86D, CARBONACEOUS OS DAY, 20C	SAMPLE MEASUREMENT	147	179	8 24)	经验证证券	116	168	1 177	0	1/17	CP
30052 8 0 0 RAW SEW/INFLUENT -	PERMIT REQUIREMENT	REPORT 310 AVO	REPORT NX WK AV	LBB/DY	安全公司	MG AVG	MX WK A	2.27		WEINLY	wlfif w
BOD, CARBONACEOVS OS DAY, 200	SAMPLE MEASUREMENT	3	4	3 EL67	经会验检查	2	3	\$ \$ \tag{2}	0	1/7	CP
BOOBR 1 0 0 Effluent gross valus	PERMIT REQUIREMENT	30 MD AVS	MX WK AV	LBS/Dy	學皆發發於養	MO AVG	ez A w xit	117		HII/W.	
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SOLIDS, SUSPENDED PERCENT REMOVAL	SAMPLE MEASUREMENT	· 查查查查查查	· 安全是公安		99	经验验收款	宣学哲学会 2		0	こみ	C/4
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NAME/TITLE PRINCIPAL EXECUTIVE	prepare	under penalty of law that the dunder my direction or sup	ervision in accordance with	a system designed			//	TELEPHON	E	D,	ATE
HJ Schandien JR- Exec-Director	submitt or those submitt	e that qualified personnel pr ed. Based on my inquiry of t persons directly responsible ed is, to the best of my know	he person or persons who m : for gathering the informati ledge and belief, true, accurr	anage the system, on, the informatic ate, and complete,		chard 41	- 2	02.1540-6 (ාර්ථ -	- A	1 20
TYPED OR PRINTED		are that there are significant ig the possibility of fine and i			SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT			NUMBER		YEAR N	IO DAY

OF

HUNTING CREEK N WOTC MED

ADDRESS C/O CEDAR CREEK WOTO BAGS CEDAR CREEK RD

LOUISVILLE

KY 40211

HUNTING CREEK N WOTC MSD LOCATION PROSPECT

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

KY0029106 PERMIT NUMBER

DOI M DISCHARGE NUMBER

MINOR (SUBR LV) F - FINAL METALS

Form Approved.

OMB No. 2040-0004

SEFFE

MONITORING PERIOD YEAR MO DAY YEAR MO FROM TO

EFFLUENT DAY

*** MG DISCHARGE |__) ***

ATTN: DENNIS THOMASS	SCH. SK ME	TRO OPS					NOTE: Read Instru	uctions befor	e com	pleting this	form.
PARAMETER		QUÂN	TITY OR LOADING			QUALITY OR CONC	ENTRATION		NO.	FREQUENCY OF	SAMPLE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
HARDNESS, YOYAL	SAMPLE	*********	经营营补偿金		****	300	~ ~ ~	(257	***************************************	01/	
(AS CACOS)	MEASUREMENT				:	228	228	.: .	Ø	OI/YR	CY
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<u>EFFLUENT GRUSS VALUX</u>	REQUIREMENT			장목관심		MG WAS	DAILY M				
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(AS CV)	MEASUREMENT	· ·				0.018	0.018		Ø.	1 /YR	47
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EFFLUENT GROSS VALUE	REQUIREMENT			ক্রিক্র		MG WANG	DAILY MA	143			
LEAD/ DISSOLVED (AS PB)	SAMPLE MEASUREMENT	*********	等收收收款		· 经条件条件	0.005	0 .0 5 REPORT	(19)	17.	OHAR	68
01049 1 0 0	PERMIT	- 教育教育教育	· 本金原本等等。	****	· 清···································	REPORT	REPORT	38	Comp.	HAMMALINAL.	Juline un
EFFLUENT GROSS VALUX	REQUIREMENT			李水水学		MO AVG	DAILY M	∰ MĠ/L:			
ZINC/ DISSOLVED	SAMPLE	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	este de este de de des		经存款条件			\ l\/		01/.2	a A
(AS IN)	MEASUREMENT					0.06	REAR		0	L / Y K	CT
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EFFLUENT GROSS VALU	REQUIREMENT			计计计计		MU AVG	DAILY M	MIGZL	ing in	200 00 200	
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TOTAL RECOVERABLE	MEASUREMENT					0.06	0.06		0	748	
01094 1 0 0	PERMIT	分析设计价	新华安斯州 英 (1)	· · · · · · · · · · · · · · · · · · ·	学校设计 等	MENNI	les de la	()		يساران سار بالاراه	and the state
EFFLUENT GROSS VALUE	REQUIREMENT			经验的基本	and an interest of the second	MG WANG	DAILY M)			234400000000000000000000000000000000000	
CABMIUM	SAMPLE	李安安安安安	泰安安安安安		教教会本教教	2 2 2		(197	~ ~	101/40	162
TUTAL RECOVERABLE	MEASUREMENT					0.003	0,003		Q	111	
01113 1 0 0	PERMIT	特科特特特	外侧侧神形部 侧	***	经外部分类	REPORT	REPURI	e stor et		MANIAN COLL	a Call of Calif
EFFLUENT GROSS VALUE				学学学学		MO WAS	DAILY M	20			
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					46.	TELEPHON	E	DA	TE,		
H.J. Schigfein Jr.	submitte or those	d. Based on my inquiry of the persons directly responsible	operly gather and evaluate t he person or persons who ma for gathering the informatio	mage the system, on, the informatio	on L	Wyend 1	Mullo				
Exec. Director	lam awa	are that there are significant	ledge and belief, true, accura penalties for submitting fals	e information,	SIGNA	TURE OF PRINCIPAL	EXECUTIVE 5	7 546-6	000	10 1	1 17
TYPED OR PRINTED	including	the possibility of fine and i	mprisonment for knowing vi	iolations.	OFF	FICER OR AUTHORIZE	D AGENT AR	DE NUMBER	1 5	YEAR M	O DAY

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

HUMTING CREEK N WOTC MSS

ADDRESS C/O CEDAR CREEK WOTC

5405 CEDAR GREEK RD LOUISVILLE

KY 40211

FACILITY HUNTING CREEK N WATC MED LOCATION PROSPECT

KY 40059

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

MONITORING PERIOD

TO

DAY

MYCC29106 **PERMIT NUMBER**

МО

YEAR

FROM

DISCHARGE NUMBER

DAY

YEAR MO

MINOR (治し道路 ヒマ) F - FINAL

Form Approved. OMB No. 2040-0004

METALS EFFLUENT

*** NO DISCHARGE |__ | ***

TTN: DEWNIS THOMASE		ETRO OPS	TITOLOGI I CONTE	***************************************	NOTE: Read Instructions befo					FREQUENCY	
PARAMETER		QUANTITY OR LOADING				ENTRATION		NO.	OF ANALYSIS	SAMPLE TYPE	
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS		ANALTSIS	
EAD	SAMPLE	一种条件条件	本本各条本本		安全各条条	0.005		(19)	Ø	01/40	10
DTAL RECOVERABLE	MEASUREMEN'				765 Av. 50 (A) (A) (A)		0.005		90	17/4	
1114 l C O Frivent Orgas Value	PERMIT REQUIREMENT	*************************************	**************************************	*************************************	李松安安安岛	REPORT MG AVG	REPOR DAILY N	(417) A. (418)			
39 P CB	SAMPLE	经济的政务的	安安安安安		经设备营销物			(197)	4.3 ()	01/	1 D
TAL RECOVERABLE	MEASUREMEN	Т				0.021	0.02		Ø	17/K	
.119 1 0 0	PERMIT REQUIREMENT	经营业的	*******	**** ****	李桥各场中华	REPORT MO AVG	REPOR DAILY 1	Application of the second of t		41417 (L.A) III	
TLUENT GROSS VALUE	SAMPLE		i mily impressi die.	- WANTE	istrisi utda 1971 artig 4	5 4 1472 1 3 44 A VA 19 46	Sent 3th Sent Sent S. 3	3355 3 13577 5-			
	MEASUREMEN	т			1 -						
	PERMIT		2 3 T T 37						1,457,150		200
	REQUIREMENT									100 mm 1 200	
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	PERMIT		5.5.5. 8.3.				166 T. C.	2016 e 1907 d	315 - 168 687 / 3387		2011 Bereit
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	PERMIT			<u> </u>						SS A COMMON	tirili a siler
	REQUIREMENT							9.M(1)	W. 129		
	SAMPLE MEASUREMEN	T					ngo.				
	PERMIT			1	10:10:10:10:10:10:10:10:10:10:10:10:10:1		5555555	Africa d		Yaran Maran	veganê jî
	REQUIREMENT									territorio de la companya della companya della companya de la companya della comp	
	SAMPLE MEASUREMEN	_				100 100 100					
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	REQUIREMENT							64 (1) 64 (1) 64 (1)			
ME/TITLE PRINCIPAL EXECUTIVE		ify under penalty of law that the ared under my direction or sup						TELEPHO	ΛE	DA	TE
d.J. Schoolein Jr	i sana	ure that qualified personnel pr itted. Based on my inquiry of t	he person or persons who m	anage the system.		phand of	4/1/1				
Exec. Director		se persons directly responsible itted is, to the best of my know	ledge and belief, true, accur-	ate, and complete		ATURE OF PRINCIPAL	EXECUTIVE	5,2,546-6	LOVE.	10 1	1 17
TYPED OR PRINTED		aware that there are significan ling the possibility of fine and i	t penalties for submitting fal imprisonment for knowing v			AREA NUMBE		YEAR M	IO DAY		

				INFI	LUENT			
		Cor	ncentration				Pound	ds
Date	Flow	TSS	BOD	NH3		TSS	BOD	NH3
12/1/2010	0.23	168	77	17	•	322.258	147.701	32.609
12/2/2010	0.182							
12/3/2010	0.154							
12/4/2010	0.165							
12/5/2010	0.163					•		
12/6/2010	0.144					-		
12/7/2010	0.135							
12/8/2010	0.128	200	168	31.6		213.504	179.343	33.734
12/9/2010	0.133			4				
12/10/2010	0.132							
12/11/2010	0.148							
12/12/2010	0.17							
12/13/2010	0.14							
12/14/2010	0.127							
12/15/2010	0.137							
12/16/2010	0.165							
12/17/2010	0.155							
12/18/2010	0.148					000 040	400.000	40 OE2
12/19/2010	0.158	172	123	13.7		226.648	162.080	18.053
12/20/2010	0.142							
12/21/2010	0.161							
12/22/2010	0.143							
12/23/2010	0.143							
12/24/2010	0.143							
12/25/2010	0.142							
12/26/2010	0.134					044.005	07.005	28.148
12/27/2010	0.125	778	94	27		811.065	97.995	20.140
12/28/2010	0.132							
12/29/2010	0.139							
12/30/2010	0.188							
12/31/2010	=							20.420
Average	0.150	330	116	22.33		393.369	146.780	28.136
Maximum	0.230	778	168	31.60		811.1	179.34	33.734

Hunting Cr.	No.	Report for	Dec-10	-	Γot. Exc.=	0_	(Influent da				
Tot. Flow=	4.715		Concentr				Poun	ds			
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3		TSS Rem	
12/1/10	0.23		2	0.14	3	7.673	3.836	0.269	0.258	0.97619	0.974026
12/2/10	0.182										
12/3/10	0.154										
12/4/10	0.165										
12/5/10	0.163				•						
12/6/10	0.144				,						
12/7/10	0.135						•				
12/8/10	0.128	2	2	0.5	3	2.135	2.135	0.534	0.308	0.99	0.988095
12/9/10	0.133									•	
12/10/10	0.132										
12/11/10	0.148										
12/12/10	0.17										
12/13/10	0.14			,					•		
12/14/10	0.127	·									
12/15/10	0.137	•									
12/16/10	0.165	i .									
12/17/10	0.155	1							1	*	
12/18/10	0.148	;						0.544	0.040	0.005446	0.98374
12/19/10	0.158		2	0.39	8	7.906	2.635	0.514	0.342	0.965116	0.90374
12/20/10	0.142	<u> </u>							0.057	,	
12/21/10	0.161								0.257		
12/22/10	0.143										
12/23/10	0.143						•.				
12/24/10	0.143	3									
12/25/10	0.142										
12/26/10	0.134					7.000	0.400	0.229	0.276	0.001003	0.968085
12/27/10	0.12		3	0.22	1	7.298	3.128	0.229	0.273	0.99100	0.90000
12/28/10	0.132								•		
12/29/10	0.139										
12/30/10	0.188				•						
12/31/10	0.209	****							0.00	99%	98%
Average	0.152		2.25	0.31	2.91			0.39			0 9070
Maximum	0.230	7.00	3.00	0.50	8.00	7.91	3.84	0.53	0.34	+	