

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

May 25, 2011

Cheryl Edwards
DMR Coordinator
200 Fair Oaks Lane
Frankfort, Kentucky 40601

Re:

MSD Metro Operations

Hunting Creek South; WQTC KPDES No.: KY0029114

Discharge Monitoring Reports for April, 2011.

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 April 2011.

Also attached are overflow reports.

During the month of April, we were unable to sample the week of 4/8/11 through 4/14/11 and the week of 4/22/11 through 4/30/11 due to flood water submerging the CL2 contact tank. The V-Notch weir was several feet under water during these time periods.

There were no exceedences or bypasses.

We are resubmitting the cover letter and the two pages of the DMR as the K code was not entered for flooding of the treatment plant.

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

Sincerely, Tuchard Mills

Richard. Mills

Process Supervisor, East Region

RM/HCS 3.11

Enclosures

cc:

C. Roth (DOW Louisville)

T. Singleton

R. Shaw



HUNTING CREEK & WOTC MSD

ADDRESS C/D CEDAR CREEK WOTC 8405 CEDAR CREEK RD

LOUISVILLE

MY 40ZII

FACILITY HUNTING CREEK S WOTE MED

LOCATIONPROSPECT MY 40059 ATTN: TENNISH THOMARCON, OF METER OFF

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

MONITORING PERIOD

TO

YEAR

4

MY0029114 PERMIT NUMBER

DAY

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YEAR

4, L

FROM

MO |

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001 1 DISCHARGE NUMBER

DAY

100° €.

MO

1

MINOR (SUBR LY)

F - FINAL

MUNICIPAL DISCHARGE

EFFLUENT

*** NO DISCHARGE | K | ***

NOTE: Read Instructions before completing this form

Form Approved.

OMB No. 2040-0004

JEFFE

PARAMETER				. 1	NOTE: Read Instructions before completing this form.						
FANAMEIER		QUAN ⁻	TITY OR LOADING			QUALITY OR CONCENTRATION					SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	ITPE
OS)	SAMPLE MEASUREMENT	於宗宗亦亦亦	李松宗宗李宗		7	各界有本作亦	杂字水水水水	(19)	Ø	3/30	6-12
90300 i 0 0 <u>Effluent gross</u> value	PERMIT REQUIREMENT	安全会会公司	新疆报刊 第15年15日。	****	7 INST MIN	不会本本的名	经农业业务	MG/L	,	<i>VERLEY</i>	in the Lie
→	SAMPLE MEASUREMENT	经按照的物件等	*********		7-0	李本本宗本公	7.4	(12)	Ø	³ /30	C-R
00400 1 0 0 <u>Effluent Gro</u> bb value	PERMIT REQUIREMENT	· · · · · · · · · · · · · · · · · · ·	सक्ता १८ 🛎	***	a. u Minimum	· · · · · · · · · · · · · · · · · · ·	7.0 MAZIMUM	su .	<i>,</i>	VEERLY	इरि <i>सि</i> क
SOLIDS, TOTAL SUSPEMDED	SAMPLE MEASUREMENT	212	241	(26)	安宗本本宗宗	116	122	< 19×	Ø	² /30	CP
00530 G 0 0 Raw Sew/Influent	PERMIT REQUIREMENT	REPORT MO AVG	REPORT US MN SV		ा के जिल्हे	REPORT MO Ave	MEPURT Property AV		₹ - {	#Ebhir	Jijrti Dt
BUSPENDED	SAMPLE MEASUREMENT	ig	24	(26)	李安安安安	10	12	(19)	Ø	2/32	cf
00530 1 0 0 <u>Effluent Gross valu</u> e	PERMIT REQUIREMENT	MD AVG	동안 15일 (대) 14일	LBS/DY	计计分类类型	26 양학은 18번	ME VEN AV		į,	A San Ann De Ann 'S	. 148명) '도타
YITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	24	25	(26)	The sife of the sife of the sife	14	15	(19)	Ø	2/30	CP
DOGIO G O O RAW SEW/INFLUENT	PERMIT REQUIREMENT	REMORY MD AVG	egrope pa luc az	LBS/DY	in the extension	REFORT MO AVS	対策 対策 Aマ			OEEKU, Y	المسائلة السائد
VITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	2	3	(26)	京郎 不会最高	0.8	1,3	(19)	Ø	2/30	CP
	PERMIT REQUIREMENT	NO AVG	기가 건강 변동 28명	LBS/DY	新安华部分 2 	5 ME AV6	선수 사회 회전 기 = 기			inativa r	.Whe us
PHOSPHORUS, TOTAL (AS P)	SAMPLE MEASUREMENT	李林安安安安	· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·	0,4	O. b	(1,5%)	Ø	2/30	CP
DOAAS 1 0 0 Effluent gross value	PERMIT REQUIREMENT	केल्स की लिया की	20 € 10 ± 20 ± 4	*************************************	विकार प्रदेश प्रदेश प्रदेश प्रदेश प्रदेश	ME SAS	REPORT MX UN AV	MG/L		MONTH	
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 to assure that qualified personnel properly gather and evaluate the information, the in submitted. Based on my inquiry of the person or persons who manage the or those persons directly responsible for gathering the information, the in						chard n	ullo -	TELEPHON	E	DA	ATE
EXEC. Director TYPED OR PRINTED	submitt I am av	e persons directly responsible ted is, to the best of my know ware that there are significan ng the possibility of fine and i	ledge and belief, true, accura t penalties for submitting fal	ate, and complete. Se information,	SIGNA	ATURE OF PRINCIPAL FICER OR AUTHORIZE		540- A NUMBER			5 25 10 DAY

PAGE

ADDRESS C/O CEDAR CREEK WGTC

SAOS CEDAR CREEK RD

LOUISVILLE

KY 40211

FACILITY HUNTING CREEK S WOTC MED LOCATION PROSPECT

KY 40057

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

KY0029114 PERMIT NUMBER

YEAR MO DAY

4 =

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FROM

001 1 DISCHARGE NUMBER

MINOR (SUBR LV) F - FINAL

JEFFE

Form Approved.

OMB No. 2040-0004

MONITORING PERIOD

EFFLUENT YEAR MO. DAY.

MUMICIPAL DISCHARGE

*** NO DISCHARGE | K !

ATTM: DENNIS THOMASS	ON, SR ME	TRG OFS	FROM A	ريسيد (TO A		** NO DISC NOTE: Read Instru				form.
PARAMETER		QUAN	TITY OR LOADING			QUALITY OR CONC		· · · · · · · · · · · · · · · · · · ·			SAMPLE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS	EX	ANALYSIS	TYPE
FLOW, IN COMPUIT OR THRU TREATMENT PLANT	SAMPLE MEASUREMENT	0.407	1.980	(03)	****	****	张安林兴 布子	F	Ø	کیمو ش	(~
50050 1 0 0 <u>Effluent gross value</u>	PERMIT REQUIREMENT	REPURT SODA AVE	REPURT	Mod	古典 多块块块	水水分分分分分	经产品的证券	****		UDIVE AND	IUNT IN
CHLORINE, TOTAL RESIDUAL	SAMPLE MEASUREMENT	李本宗李安宗	安安京安全		不不会不会不	40.010	<0.010	(19)	Ø	3/2	C-R
50060 1 0 0 <u>Effluent gross</u> value	PERMIT REQUIREMENT	安安安安安安	\$ 在京東京市教	· · · · · · · · · · · · · ·	*************************************	0.011 MO AVG	O. ULY	- 'MOZI ·		TEENLY	
I	SAMPLE MEASUREMENT	非常非常有益	李宗安安安		***	1	1	1 137	Ø	^z /30	1-8
74055 1 0 0 EFFLUENT OROSS VALUE	PERMIT BEQUIREMENT	动物安全分类	Mary to the mary of the term	各位条件 经长线转	ক্রাক্ত পর শ্রেপ্ত ব্রাপক	OÚS CLG AGOS	7 DA GES	TOOML	بالخرا	VEENLY	अर्रभार
	SAMPLE MEASUREMENT	157	162	(26)	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	87	91	(17)	0)	2/3.	CP
	PERMIT REQUIREMENT	REFUEL MO AVG	· 上" 在1973	LBS/DY	লৈ জালে কৰি বিশ্বস	MEPURI MD AVS	REPURT MX WK AV	MG/L		veeker	JUPN CO
1. I	SAMPLE MEASUREMENT	9	12	(26)	ক্ষণিক ভি মতে	5	6	(17)	Ø	2/30	CP
BOOBE 1 0 0 EFFLUENT GROSS VALUE		MO AVS		LBS/DY	किल्लाम्बर्गक	MO AVS	15 MX WK AV	MG/L		ieuni.	រណ៍ទាំងខ
BDD, CARB-5 DAY, 20 DEG C, PERCENT REMVLI	SAMPLE MEASUREMENT	्यतः स्थानः वीक्षेत्रस्यविकः प्रथमः सुर्वतः	क्षेत्रेषुक्षा होते । इस इस		94	如本外交換量	क्षर रहिने प्रश्नीत प्रश्नीत स्थापित स	ा द्वार	Ø	1/30	CA
	PERMIT REQUIREMENT	ी के के के किन्ति	જીવની જીવના પ્રવાર કો	安安安安	HIM DM	क्राक्षाच्याके क्रांच्या	सर्वेषकेषक	PER- CENT	/	MONTH	JACT D
	SAMPLE MEASUREMENT	ish it was in the six of	त्राक्षक्रक्षक्ष		91	******	官等發發官	(23)	0	1/30	CA
	PERMIT REQUIREMENT	好好的 外沙特		**** ****	MO MIN	在原文水等等	****	CENT	7	MONTH	sealla (V
NAME/TITLE PRINCIPAL EXECUTIVE O	prepared to assure submitte or those	under penalty of law that thi d under my direction or supe that qualified personnel pro d. Based on my inquiry of th persons directly responsible	rvision in accordance with a perly gather and evaluate the e person or persons who ma for gathering the information	system designed the information mage the system, on, the information	Qu	ehard y	Nillo	TELEPHON	E	DA	re
TYPED OR PRINTED COMMENTS AND EXPLANATION OF A	I am awa	od is, to the best of my knowle are that there are significant g the possibility of fine and ir	dge and belief, true, accura penalties for submitting fals norisonment for knowing vi	te, and complete. e information.	SIGNA"	SIGNATURE OF PRINCIPAL EXECUTIVE SC2 540 - COA OFFICER OR AUTHORIZED AGENT COA NUMBER				II 5 YEAR M	

				INFLUEN	IT		
		Coi	ncentration			Poun	ds
Date	Flow	TSS	BOD	NH3	TSS	BOD	NH3
4/1/2011	0.144						
4/2/2011	0.139						
4/3/2011	0.14						
4/4/2011	0.2					,	
4/5/2011	0.199	110	91	15	182.563	151.029	24.895
4/6/2011	0.156						
4/7/2011	0.138						
4/8/2011	0.145						
4/9/2011	0.206						
4/10/2011	0.227						
4/11/2011	0.345						
4/12/2011	0.85						
4/13/2011	0.45						
4/14/2011	0.305				-		
4/15/2011	0.274						
4/16/2011	0.325						
4/17/2011	0.265						
4/18/2011	0.234						
4/19/2011	0.237	122	82	12	241.143	162.080	23.719
4/20/2011	0.346						
4/21/2011	0.261						
4/22/2011	0.259						
4/23/2011	1.98						
4/24/2011	0.794						
4/25/2011	0.697						
4/26/2011	0.544						
4/27/2011	0.894						
4/28/2011	0.584						
4/29/2011	0.474						
4/30/2011	0.387						
5/1/2011							
Average	0.407	116	87	13.50	211.853	156.554	24.307
Maximum	1.980	122	91	15.00	241.1	162.08	24.895

Hunting Cr.		Report for	Apr-11		Tot. Exc.=	0	(Influent da				
Tot. Flow=	12.199		Concentra				Poun		T (D)	T00 D	DOD D
Date	Flow	TSS	BOD	NH3	Fecal	TSS	BOD	NH3	Tot. Phos.	155 Rem	ROD Kem
4/1/11	0.144										
4/2/11	0.139										
4/3/11	0.14										
4/4/11	0.2		4	0.00	4	40.077	6 600	0:465	0.265	ก กรรรรจ	0.956044
4/5/11 4/2/44	0.199		4	0.28	1	13.277	6.639	0.465	0.265	0.921213	0.950044
4/6/11	0.156										
4/7/11	0.138										
4/8/11	0.145										
4/9/11	0.206										
4/10/11	0.227										
4/11/11 4/12/11	0.345 0.85										
4/13/11	0.65										
4/14/11	0.40										
4/15/11	0.303										
4/16/11	0.274										
4/17/11	0.265										
4/18/11	0.234			-							
4/19/11	0.237		6	1.3	1	23.719	11.859	2.570	0.559	0.901639	0.926829
4/20/11	0.346		J	1,0	•	_0,,,,					
4/21/11	0.261										
4/22/11	0.259										
4/23/11	1.98										
4/24/11	0.794										
4/25/11	0.697										
4/26/11	0.544										
4/27/11	0.894										
4/28/11	0.584										
4/29/11	0.474										
4/30/11	0.387	•					,				
5/1/11											
Average =	0.407	10.00	5.00	0.79	1.00	18.50		1.52			94%
Maximum	1.980	12.00	6.00	1.30	1.00	23.72	11.86	2.57	0.56		





Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES# KY0029114 Facility ID MSD0292

Water Quality Treatement Center **HUNTING CREEK SOUTH**

Receiving Stream of Treatment Center

HARRODS CREEK

Region EAST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SLS Sewer Lift Station

MSD1062-LS

7804 DEEP TRAIL CT

DEEP TRAIL

HARRODS CREEK

STREAM

Activity Code / Description

DISREV: RAIN EVENT

WO#

<u>Initiated</u> 04/27/11 07:13 AM Initiated By SINGLETON **Assigned To** MILLS

Disch Status BEYOND

Event Date 04/27/11

Problem LACK OF SYSTEM <u>Result</u> UNAUTHORIZED Completed 04/29/11 08:06

DISCHARGE

1252990

APPROVED

DESIGN STORM

DISCHAGE -CAPACITY

WATERS

AM

Spot Inspections:

and the second s	
Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEAN UP
Control Zone:	TEMPORARY SIGNS POSTED
Impact;	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

04/27/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/27/11 07:13 AM	DISPUB	MSD NOTIFIED THE PUBLIC THROUGH TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA
04/27/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES#

KY0029114 (Cont'd)

Facility ID MSD0292

Water Quality Treatement Center

HUNTING CREEK SOUTH

Receiving Stream of Treatment Center

HARRODS CREEK

Region **EAST**

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

SLS Sewer Lift Station

MSD1063-PS

6210 DEEP CREEK CT

DEEP CREEK

HARRODS CREEK

DITCH

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE

WO # <u>Initiated</u>

Initiated By

Assigned To MILLS

Disch Status DOCUMENTED Event Date

<u>Problem</u>

Result

Completed

Condition

1242551 04/11/11 08:25 PM MARKS JR

12/16/00

LACK OF SYSTEM CAPACITY

UNAUTHORIZED

04/13/11 01:30

ΑM

DISCHAGE -

WATERS

Spot Inspections:

Discharge Amount:	25,125 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	\$EWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

04/11/11 08:53 PM	DISPUB	msd notified public with signs	
04/11/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	
04/11/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov	

Condition



Initiated Apr 01, 2011 12:00 AM thru Apr 30, 2011 11:59 PM

Report Selections: Excluding PPI, CSO, Result: WUS, Act Code: DISDW, DISREV

KPDES #

KY0029114 (Cont'd)

Facility ID MSD0292 Water Quality Treatement Center HUNTING CREEK SOUTH Receiving Stream of Treatment Center

HARRODS CREEK

Region EAST

Activity Code / Description

DISREV: RAIN EVENT

WO# 1249250

<u>Initiated</u> 04/23/11 06:00 AM Initiated By MARKS JR Assigned To OWENS Disch Status
DOCUMENTED

12/16/00

Problem

LACK OF SYSTEM

CAPACITY

Result UNAUTHORIZED

DISCHAGE -

WATERS

Completed 04/28/11 09:15

AM

DISCHARGE

Spot Inspections:

,p	
Discharge Amount:	73,950 GAL
Cause:	LACK OF SYSTEM CAPACITY CUASED BY RAIN EVENT
Clean Up:	PIPE DISCHARGE SUBMERGED- NO CLEANUP
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	NO IMPACT OBSERVED- PIPE DISCHARGE SUBMERGED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

		United terror construction and production of the construction of the	
:	04/23/11 08:38 AM	DISPUB	msd notified public with temporary signs
	04/23/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
	04/23/11 01;00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov





Report Selections: Excluding PPI, CSO, Result WUS, Act Code: DISDW, DISREV

KPDES# KY0029114 (Cont'd) Facility ID MSD0292

Water Quality Treatement Center HUNTING CREEK SOUTH

Receiving Stream of Treatment Center HARRODS CREEK

Region **EAST**

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SLS Sewer Lift Station

MSD1064-PS

8619 WESTOVER DR

WESTOVER

HARRODS CREEK

DITCH

Activity Code / Description

DISREV: RAIN EVENT

WO#

Initiated

Initiated By SINGLETON Assigned To

Disch Status BEYOND

Event Date 04/27/11

<u>Problem</u> LACK OF SYSTEM CAPACITY

Result UNAUTHORIZED DISCHAGE -

Completed 04/27/11 09:15

PM

DISCHARGE

04/27/11 09:30 AM 1252993

MILLS

APPROVED DESIGN STORM

WATERS

Spot Inspections:

如此的大人,我们就是我们的大人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们就是我们的人,我们
1,410 GAL
LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
MSD CLEANED & SANITIZED THE AREA
TEMPORARY SIGNS PLACED
SEWAGE OBSERVED
SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

,	a salaramanan adapatika Princip Principan	
04/27/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
04/27/11 09:30 AM		MSD NOTIFIED THE PUBLIC WITH TEMPORARY SIGNS PLACED AROUND THE AREA
04/27/11 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov





Report Selections: Excluding PPI, CSO, Result WUS, Act Code: DISDW, DISREV

KPDES#

KY0029114 (Cont'd)

Facility ID MSD0292 Water Quality Treatement Center HUNTING CREEK SOUTH Receiving Stream of Treatment Center

HARRODS CREEK

Region EAST

Facility Type

Facility ID

Facility Address

If Pump Station, Name of Pump Station:

Receiving Stream

Discharge to

Condition

SLS Sewer Lift Station

MSD1068-PS

6607 HARRODS VIEW CIR

HARRODS VIEW CIRCLE #1

HARRODS CREEK

STREAM

Activity Code / Description

DISREV: RAIN EVENT DISCHARGE WO# In

Initiated 04/23/11 01:30 PM Initiated By MARKS JR Assigned To BROOKS Disch Status
BEYOND
APPROVED

DESIGN STORM

Event Date 04/23/11 Problem

LACK OF SYSTEM

CAPACITY

Result
UNAUTHORIZED
DISCHAGE -

WATERS

Completed 04/23/11 04:30

PM

Spot Inspections:

Oper mapeobons.
regular to the State of the Market Parket of the State of

Di	ischarge Amount:	1,800 GAL
Ca	ause:	RAIN EVENT CAUSED DISCHARGE FROM WET WELL
CI	lean Up:	NO DEBRIS
Co	ontrol Zone:	SIGNS POSTED
1m	npact:	SEWAGE OBSERVED
Re	epair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

04/23/11 02;53 PM	DISPUB	msd notified public with signs and barracades
04/23/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffnes@ky.gov
04/23/11 01:00 PM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov