

# MSD

Metropolitan Sewer District

700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

May 21, 2013

Cheryl Edwards  
Permit Support Section  
Surface Water Permits Branch  
Division of Water  
200 Fair Oaks Lane 4<sup>th</sup> Floor  
Frankfort, KY 40601

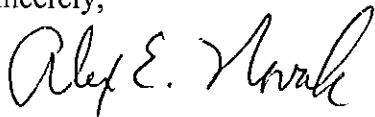
**Re: Morris Forman Water Quality Treatment Center  
KPDES Permit No. KY0022411**

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period April 1<sup>st</sup> to April 30<sup>th</sup> are provided through NetDMR. All permit requirements were met for the month of April, 2013.

Should you have any questions, please contact me at (502) 540-6793.

Sincerely,



Alex E. Novak, P.E.  
Director of Operations

paw

MFDMR0413.doc



*Beneficial Use of Louisville's Biosolids*  
[www.louisvillegreen.com](http://www.louisvillegreen.com)

**DMR Copy of Record**

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0022411</b>	<b>Permittee:</b>	MORRIS FORMAN WQTC MSD
<b>Major:</b>	Yes	<b>Permittee Address:</b>	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-1</b> MUNICIPAL DISCHARGE
<b>Facility:</b>		<b>Facility Location:</b>	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 04/01/13 to 04/30/13</b>	<b>DMR Due Date:</b>	<b>05/28/13</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**  
 G - INFLUENTE - SECONDARY EFFLUENT1 - FINAL EFFLUENT - Parameter 74055 - Use Season 1 for summer months (May, June, July, August, September, and October) and Season 2 for winter months (November, December, January, February March, and April); enter NODI=9 for the Season not needed.

<b>Principal Executive Officer</b>			
<b>First Name:</b>	Greg	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Heitzman	<b>Telephone:</b>	502-540-6000

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type		
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units
00300	Oxygen, dissolved (DO)	1 - Effluent Gross	0	--	Sample					=	7.6					19 - mg/L	0	01/01 - Daily	GR - GRAB
					Permit Req.					>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB
					Value NODI														
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	13424	=	14887	26 - lb/d	=	17	=	18	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d	<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	224597	=	237165	26 - lb/d	=	264	=	342	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.4			=	6.9	12 - SU	0	01/01 - Daily	GR - GRAB
					Permit Req.					>=	6 MINIMUM			<=	9 MAXIMUM	12 - SU		01/01 - Daily	GR - GRAB
					Value NODI														
00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	6374	=	8215	26 - lb/d	=	8	=	9	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d	<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	343548	=	407718	26 - lb/d	=	396	=	488	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total (as N)	E - Secondary/Biological Process Complete	0	--	Sample	=	6950	=	7552	26 - lb/d	=	9.3	=	11.6	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d	<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
00610	Nitrogen, ammonia total (as N)	G - Raw Sewage Influent	0	--	Sample	=	9403	=	10001	26 - lb/d	=	11.2	=	12.7	19 - mg/L	0	01/01 - Daily	CP - COMPOS	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	94.96	=	132.75	03 - MGD						0	99/99 - Continuous	CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							99/99 - Continuous	CN - CONTIN	
					Value NODI														
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample								<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB	
					Permit Req.								<=	.019 DAILY MX	19 - mg/L		01/01 - Daily	GR - GRAB	
					Value NODI														
74055	Coliform, fecal general	1 - Effluent Gross	2	--	Sample						=	49	=	128	13 - #/100mL	0	01/01 - Daily	GR - GRAB	
					Permit Req.						<=	1000 30DA GEO	<=	2000 7 DA GEO	13 - #/100mL		01/01 - Daily	GR - GRAB	
					Value NODI														
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	94				23 - %	0	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO MIN			23 - %		01/30 - Monthly	CA - CALCTD	
					Value NODI														
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	98				23 - %	0	01/30 - Monthly	CA - CALCTD	
					Permit Req.						>=	85 MO MIN			23 - %		01/30 - Monthly	CA - CALCTD	
					Value NODI														

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**

Name	Type	Size
201304MFWQTCCoverLetter.pdf	pdf	14884
201304MFWQTCMOR.pdf	pdf	36609
201304MFWQTC_Overflow.pdf	pdf	67139

**Report Last Saved By**

**MORRIS FORMAN WQTC MSD**

User:	richgalardi	Date/Time:	2013-05-21 08:27 (Time Zone: -04:00)
Name:	Richard Galardi		
E-Mail:	rich.galardi@louisvillemsd.org		

**DMR Copy of Record**

<b>Permit</b>			
Permit #:	KY0022411	Permittee:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-B SECONDARY BYPASS
Facility:		Facility Location:	MORRIS FORMAN WQTC MSD 4522 ALGONQUIN PKWY LOUISVILLE, KY 40211

<b>Report Dates &amp; Status</b>			
Monitoring Period:	From 04/01/13 to 04/30/13	DMR Due Date:	05/28/13
Status:	NetDMR Validated		

**Considerations for Form Completion**  
 MONITORING DURING PERIODS OF SECONDARY BYPASS IN ADDITION TO REGULAR MONITORING.1 - FINAL EFFLUENTF - SECONDARY BYPASS AFTER PRIMARYTREATMENT.

<b>Principal Executive Officer</b>			
First Name:	Greg	Title:	Executive Director
Last Name:	Heitzman	Telephone:	502-540-6000

**No Data Indicator (NODI)**  
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3			
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	30	=	42	19 - mg/L	11/30 - 11 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L 0		
					Value NODI												
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	109	=	114	19 - mg/L	11/30 - 11 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L 0		
					Value NODI												
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	34	=	40	19 - mg/L	11/30 - 11 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L 0		
					Value NODI												
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	111	=	113	19 - mg/L	11/30 - 11 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L 0		
					Value NODI												
00610	Nitrogen, ammonia total (as N)	1 - Effluent Gross	0	--	Sample						=	9.9	=	11.3	19 - mg/L	11/30 - 11 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L 0		
					Value NODI												
00610	Nitrogen, ammonia total (as N)	F - Primary/Preliminary Process Complete	0	--	Sample						=	11.5	=	11.8	19 - mg/L	11/30 - 11 Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.										19 - mg/L 0		
					Value NODI												
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	35.16	=	43.59	03 - MGD					11/30 - 11 Per Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD							0
					Value NODI												

**Submission Note**  
 If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

**Edit Check Errors**  
 No errors.

**Comments**

**Attachments**  
 No attachments.

**Report Last Saved By**  
**MORRIS FORMAN WQTC MSD**

User:	richgalardi	Date/Time:	2013-05-21 08:24 (Time Zone: -04:00)
Name:	Richard Galardi		
E-Mail:	rich.galardi@louisvillemsd.org		

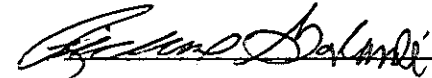
DATE	WASTEWATER FLOWS (Million Gallons)			TEMP (DEGF)		pH		SETS (M/L)		TSS (mg/L)		TS (mg/L)		D.O. (mg/L)	5-DAY BOD (mg/L)				RETURN SLUDGE				AERATION BASIN				ACTIVE		CHLORINATION			FINAL EFFLUENT		
	Effluent	Effluent	Bypass	raw	final	raw	final	raw	final	raw	final	raw	final	final	raw	final	prim.	final	final	MG	g/L	g/L	mg/L	g/L	g/L	SET	SVI	Sludge Wasted MG	Primary Sludge MG	Chlorine Dosage KLBS	Fecal Resid mg/L	Coliform #/100 ml	NH3-N mg/L	Pump. Hours
4/1	83.44	83.44	0.0	58	58	7.3	6.9	17.0	0.1	312	10	12.9	255	116	8	26.6	7.2	6.3	20.0	3.8	3.1	208	64	0.92	0.36	1.28	0.010	2	16	0.00				
4/2	80.01	80.01	0.0	57	57	7.3	6.8	35.0	0.1	568	12	11.8	445	120	10	27.1	7.1	6.0	20.0	2.4	2.0	216	89	0.90	0.33	1.36	0.010	64	15	0.00				
4/3	77.86	77.86	0.0	61	61	7.3	6.7	24.0	0.1	520	14	9.8	344	212	9	26.9	11.0	9.2	18.4	2.9	2.2	201	71	0.88	0.39	1.54	0.010	39	13	0.00				
4/4	79.82	79.82	0.0	60	60	7.1	6.6	23.0	0.1	552	18	12.4	428	230	15	26.5	10.7	8.9	19.0	3.7	2.9	229	63	0.90	0.32	1.64	0.010	99	10	0.00				
4/5	76.31	76.31	0.0	59	59	7.3	6.9	27.0	0.1	536	16	9.9	409	384	13	26.8	11.5	9.9	18.8	4.1	3.4	270	67	1.00	0.29	1.36	0.010	23	15	0.00				
4/6	72.65	72.65	0.0	60	60	7.3	6.7	20.0	0.1	496	11	9.6	257	127	10	26.2	11.5	9.8	19.3	3.4	2.8	256	76	0.98	0.34	1.39	0.010	20	16	0.00				
4/7	72.16	72.16	0.0	63	63	7.2	6.7	17.0	0.1	432	15	11.3	258	149	10	27.1	12.9	11.0	19.8	4.2	3.3	259	63	0.98	0.31	1.13	0.010	17	16	0.00				
4/8	77.13	77.13	0.0	61	61	7.2	6.8	24.0	0.1	560	10	10.2	374	138	8	26.5	11.3	9.7	19.9	3.1	2.6	249	81	1.01	0.34	1.23	0.010	40	17	0.00				
4/9	74.56	74.56	0.0	64	64	7.1	6.7	23.0	0.1	562	14	10.2	298	165	9	26.4	11.5	10.0	19.9	3.6	3.0	227	63	1.02	0.40	1.42	0.010	62	17	0.00				
4/10	74.02	74.02	0.0	67	67	7.1	6.7	19.0	0.1	510	11	8.7	366	184	10	26.3	8.9	7.8	17.4	3.1	2.6	242	80	0.90	0.32	2.13	0.010	4	15	0.00				
4/11	209.0	119.9	89.1	65	65	7.2	6.8	15.0	3.5	516	61	10.3	230	148	69	27.2	11.9	10.3	18.0	2.4	2.2	241	102	0.90	0.30	7.78	0.010	23000	11	0.00				
4/12	174.36	104.28	70.08	60	60	7.3	6.8	9.0	0.4	324	27	11.6	195	84	53	22.3	11.9	9.9	19.7	3.9	3.5	230	70	1.08	0.30	5.19	0.010	280	8	0.00				
4/13	96.0	83.39	12.61	60	60	7.5	6.7	10.0	0.1	298	30	11.2	239	112	34	19.2	13.4	10.9	19.9	2.8	2.4	203	74	0.72	0.29	2.96	0.010	136	12	12.00				
4/14	89.17	86.62	2.55	62	62	7.3	6.8	9.1	0.1	296	16	10.4	178	89	11	29.6	11.3	9.1	19.6	3.4	2.7	207	89	0.73	0.32	1.77	0.010	66	14	24.00				
4/15	88.22	86.22	0.0	62	62	7.2	6.9	13.0	0.1	330	13	9.4	223	120	6	28.3	11.3	9.6	19.9	3.3	2.9	248	76	0.76	0.31	1.39	0.010	28	13	24.00				
4/16	112.13	92.26	19.87	65	65	7.1	6.8	16.0	1.0	486	44	11.4	293	152	23	28.3	12.0	9.7	20.0	3.2	2.5	224	70	0.89	0.34	2.78	0.010	8	14	24.00				
4/17	145.63	121.99	23.64	63	63	7.2	6.8	12.0	0.8	426	49	11.4	234	101	22	28.4	13.7	11.3	19.4	3.4	2.7	241	71	1.04	0.35	4.36	0.010	25	9	24.00				
4/18	95.67	95.67	0.0	65	65	7.1	6.6	19.8	0.1	406	11	10.8	265	120	8	27.8	12.2	9.9	19.1	3.0	2.6	271	94	1.04	0.31	1.25	0.010	2	12	24.00				
4/19	213.78	132.76	81.02	62	62	7.5	6.8	7.5	1.2	274	47	10.3	172	105	44	27.9	13.4	11.0	18.5	2.8	2.4	252	89	0.96	0.33	5.24	0.010	360	7	24.00				
4/20	142.25	129.61	12.64	60	60	7.5	6.8	9.0	0.1	234	21	11.3	170	99	24	28.6	12.2	10.3	19.8	2.4	2.0	246	106	1.00	0.33	3.84	0.010	220	7	24.00				
4/21	102.8	102.8	0.0	59	59	7.1	6.8	12.0	0.1	428	10	11.2	236	87	6	28.4	11.6	9.6	20.0	3.0	2.6	268	89	1.02	0.38	1.81	0.010	10	10	24.00				
4/22	96.98	96.98	0.0	62	62	7.2	6.9	11.0	0.1	312	10	9.7	217	92	7	28.1	13.2	10.4	19.5	3.4	2.5	272	81	0.93	0.32	1.49	0.010	7	11	24.00				
4/23	95.98	95.98	0.0	62	62	7.3	6.8	15.0	0.1	318	8	10.3	297	138	13	28.2	9.9	8.3	19.4	3.0	2.7	266	90	0.86	0.32	1.58	0.010	38	13	24.00				
4/24	185.9	119.57	66.33	61	61	7.1	6.7	14.0	1.0	298	49	8.5	226	112	30	27.8	11.4	9.7	18.7	3.1	2.7	289	94	0.95	0.36	5.88	0.010	500	9	14.00				
4/25	130.24	121.77	8.47	59	59	7.0	6.5	15.0	0.1	286	23	9.8	209	134	16	28.1	12.6	10.4	19.3	5.4	5.1	259	51	0.99	0.34	2.59	0.010	200	7	0.00				
4/26	101.49	101.49	0.0	60	60	7.2	6.4	22.3	0.1	464	14	7.6	312	192	9	29.2	14.2	11.9	14.8	3.6	3.0	302	84	1.03	0.35	1.89	0.010	204	7	0.00				
4/27	98.26	98.26	0.0	61	61	7.2	6.7	20.4	0.1	432	14	8.3	191	156	5	29.9	13.2	11.1	13.5	3.8	3.0	328	88	0.94	0.33	2.00	0.010	17	8	0.00				
4/28	108.61	108.2	0.41	62	62	7.2	6.7	19.0	0.1	180	12	8.9	134	60	8	29.5	12.9	10.9	20.0	2.9	2.3	301	105	0.98	0.29	1.39	0.010	56	11	0.00				
4/29	95.28	95.28	0.0	61	61	7.1	6.5	7.0	0.1	252	16	10.7	214	127	14	29.1	11.6	10.0	20.0	3.1	2.7	312	102	0.49	0.30	1.28	0.010	230	12	0.00				
4/30	87.84	87.84	0.0	64	64	7.2	6.9	8.5	0.1	264	5	9.8	246	147	11	29.4	13.5	11.7	16.7	3.6	3.3	369	104	0.92	0.32	1.26	0.010	21	13	0.00				
Total	3235.6	2848.8	386.7													821.7									27.720	9.890					266.00			
Average	107.9	95.0	12.9	62	62	7.2	6.7	16.5	0.3	396	20	10.3	264	140	17	27.4	11.7	9.8	18.9	3.3	2.8	256	82	0.92	0.33	2.41	0.010	48	12	0.00				

SEWER CONNECTIONS

131020 TIMES 4 = 524080 SEWER POPULATION

IND. WASTER POPULATION EQ  
 CUSTOMERS 376  
 FLOW 503079  
 BOD 871882  
 TSS 1170946

Authorized Agent



Certification No. 4663

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Apr-13

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	109.55	24.95	31.97	11.10
Tanks in Service	3.83	7.0	7.9	4.0
Surface Area (Ft.2)	73727.50	60453.88	68647.57	34583.19
Volume (MG)	7.98	6.19	7.03	3.54
Weir Length (Ft.)	2738.45	2505.52	2845.10	1433.30
Avg. Weir Overflow (GPD/Ft)	40002.81	9956.77	11235.94	7745.47
Avg. Settling Rate (GPD/Ft2)	1485.82	591.94	638.43	456.98
Avg. Detention Time	1.75	5.96	5.28	7.66

AERATION TANKS	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	35.79	43.83	15.80
Avg. Detention Time (Hours)	4.04	3.15	4.54

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.13

Remarks: BY-PASS REPORTS (See Attached)



Report Selections: Treatment Plant: MSD0278 MORRIS FORMAN, Excluding PPI, CSO, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0022411	<b>Facility ID</b> MSD0278	<b>Water Quality Treatment Center</b> MORRIS FORMAN	<b>Receiving Stream of Treatment Center</b> OHIO RIVER	<b>Region</b> WEST
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Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	51594	1418 TREVILIAN WAY		SOUTH FORK BEARGRASS CREEK	DITCH

<u>Activity Code / Description</u>	<u>WO #</u>	<u>Initiated</u>	<u>Initiated By</u>	<u>Assigned To</u>	<u>Disch Status</u>	<u>Event Date</u>	<u>Problem</u>	<u>Result</u>	<u>Completed</u>	<u>Condition</u>
DISREV: RAIN EVENT DISCHARGE	1677261	04/16/13 09:40 PM	MITCHELL	GRIFFITH	DOCUMENTED	09/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	04/16/13 10:25 PM	

**Spot Inspections:**

Discharge Amount:	3,750 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISCLN WO# 1677266
Control Zone:	CAUTION TAPE AND TEMP SIGNS PLACED
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

**Notifications:**

04/17/13 07:30 AM	DISPUB	PUBLIC NOTIFIED THROUGH DOOR HANGERS AND TEMP SIGNS PLACED AROUND DISCAHRGE
04/17/13 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov

Total Facilities Printed: 1  
Total Work Orders Printed: 1