



Louisville and Jefferson County Metropolitan Sewer District  
700 West Liberty Street  
Louisville Kentucky 40203-1911  
502-540-6000  
[www.msdlouky.org](http://www.msdlouky.org)

January 23, 2012

Ms. Cheryl Edwards  
Kentucky Division of Water  
200 Fair Oaks Lane  
Frankfort, Kentucky 40601

RE: Derek Guthrie WQTC, KPDES No: KY0078956  
Discharge Monitoring Report  
December 2011

Dear Ms. Cheryl Edwards:

Attached are the Discharge Monitoring Report (DMR) and the Monthly Operating Report (MOR) for the Derek Guthrie WQTC, for the month of December 2011.

There were no exceedences or bypasses reports during the month of December for the Derek Guthrie WQTC.

Also included are the overflow reports for the month of December.

If you have any questions concerning the attached DMR's, please contact me at (502)540-6031.

Sincerely,

John Kessel  
Process Supervisor, West Region

JMK/West County 1211

Enclosures

cc: C. Roth  
T. Singleton  
R. Shaw



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

**NAME** DEREK R. GUTHRIE WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
 4522 ALGONQUIN PKWY  
 LOUISVILLE KY 40211  
**FACILITY** DEREK R. GUTHRIE WQTC

KY0078956  
 PERMIT NUMBER

0012  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 MUNICIPAL WASTEWATER  
 EFFLUENT  
 [ ] No Discharge

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	12	01		11	12	31

**LOCATION** LOUISVILLE KY 40272  
**ATTN:** DENNIS THOMASSON SR. METRO OPS

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)	SAMPLE MEASUREMENT			***	7			(19) MG/L	0	01/01	GR
00300 1 0 0	PERMIT MEASUREMENT	*****	*****	***	2 INST MIN	*****	*****	(19) MG/L		DAILY	GRAB
EFFLUENT GROSS VALUE				***							
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	51558	67301	(26) LBS/DY		156	227	(19) MG/L	0	01/01	CP
00310 G 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS
RAW SEW/INFLUENT											
BOD, 5-DAY (20 DEG. C)	SAMPLE MEASUREMENT	4875	8401	(26) LBS/DY		14	26	(19) MG/L	0	01/01	CP
00310 1 0 1	PERMIT MEASUREMENT	7506 MO AVG	11259 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		DAILY	COMPOS
EFFLUENT GROSS VALUE											
PH	SAMPLE MEASUREMENT			***	7.2		7.7	(12) SU	0	01/01	GR
00400 1 0 0	PERMIT MEASUREMENT	*****	*****	***	6.0 MINIMUM	*****	9.0 MAXIMUM	(12) SU		DAILY	GRAB
EFFLUENT GROSS VALUE				***							
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	77835	95475	(26) LBS/DY		229	303	(19) MG/L	0	01/01	CP
00530 G 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS
RAW SEW/INFLUENT											
SOLIDS, TOTAL SUSPENDED	SAMPLE MEASUREMENT	4224	7059	(26) LBS/DY		12	22	(19) MG/L	0	01/01	CP
00530 1 0 1	PERMIT MEASUREMENT	7506 MO AVG	11259 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		DAILY	COMPOS
EFFLUENT GROSS VALUE											
NITROGEN, AMMONIA TOTAL (AS N)	SAMPLE MEASUREMENT	3972	4752	(26) LBS/DY		12	9	(19) MG/L	0	01/01	CP
00610 G 0 0	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS
RAW SEW/INFLUENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER		I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.				TELEPHONE		DATE			
GREG HEITZMAN EXECUTIVE DIRECTOR						502 540-6000		12 1 23			
TYPED OR PRINTED						AREA CODE NUMBER		YEAR MO DAY			
		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT									

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

**NAME** DEREK R. GUTHRIE WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
 4522 ALGONQUIN PKWY  
 LOUISVILLE KY 40211  
**FACILITY** DEREK R. GUTHRIE WQTC

KY0078956  
 PERMIT NUMBER

0012  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 MUNICIPAL WASTEWATER  
 EFFLUENT  
 [ ] No Discharge

**LOCATION** LOUISVILLE KY 40272  
**ATTN:** DENNIS THOMASSON SR. METRO OPS

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
11	12	01		11	12	31

NOTE: Read instructions before completing this form

PARAMETER	MEASUREMENT	QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
NITROGEN, AMMONIA TOTAL (AS N) 00610 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3182	3898	(26) LBS/DY		10	12	(19) MG/L	0	01/01	CP
	PERMIT MEASUREMENT	MO AVG	MX WK AV	(26) LBS/DY	*****	20 MO AVG	30 MX WK AV	(19) MG/L		DAILY	COMPOS
NITROGEN, KJELDAHL TOTAL (AS N) 00625 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	3724	4963	(26) LBS/DY		12	16	(19) MG/L	0	01/07	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		WEEKLY	COMPOS
PHOSPHORUS, TOTAL (AS P) 00665 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	1241	2293	(26) LBS/DY		3	6	(19) MG/L	0	01/07	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		WEEKLY	COMPOS
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	35.09	74.19	(03) MGD				***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT Daily MAX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	43.28	86.74	(03) MGD				***	0	CN	CN
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT Daily MAX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN
CHLORINE, TOTAL RESIDUAL 50060 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			***			<0.010	(19) MG/L	0	01/01	GR
	PERMIT MEASUREMENT	*****	*****	***	*****	*****	0.019 DAILY MX	(19) MG/L		DAILY	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			***		2	3	(13) 100ML	0	01/01	GR
	PERMIT MEASUREMENT	*****	*****	***	*****	200 30 DA GEO	400 7 DA GEO	(13) 100ML		DAILY	GRAB
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.					TELEPHONE		DATE			
GREG HEITZMAN EXECUTIVE DIRECTOR						502	540-6000	12	1	23	
TYPED OR PRINTED	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT					AREA CODE	NUMBER	YEAR MO DAY			

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
DISCHARGE MONITORING REPORT (DMR)

NAME **DEREK R. GUTHRIE WQTC MSD**  
 ADDRESS **C/O CEDAR CREEK WQTC**  
**4522 ALGONQUIN PKWY**  
**LOUISVILLE KY 40211**  
 FACILITY **DEREK R. GUTHRIE WQTC**

**KY0078956**  
 PERMIT NUMBER

**001 2**  
 DISCHARGE NUMBER

MAJOR  
 (SUBR LV)  
 F - FINAL JEFFE  
 MUNICIPAL WASTEWATER  
 EFFLUENT  
 [ ] No Discharge

MONITORING PERIOD

FROM 


YEAR	MO	DAY
11	12	01

 TO 

YEAR	MO	DAY
11	12	31

LOCATION **LOUISVILLE KY 40272**  
 ATTN: **DENNIS THOMASSON SR. METRO OPS**

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				
BOD, 5-DAY PERCENT REMOVAL 81010 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT			***	91			(23) CENT	0	01/30	CAL	
	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CAL	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT			***	95			(23) CENT	0	01/30	CAL	
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CAL	
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 U.S.C. 1001 AND 33 U.S.C. 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
GREG HEITZMAN EXECUTIVE DIRECTOR								502	540-6000	12	1	23
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
 USE MO AVG FOR BOD/TSS REMV; REPT IN MINIMUM COLUMN.

Facility Name/Location if different)

**NAME** DEREK R. GUTHRIE WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
 4522 ALGONQUIN PKWY  
 LOUISVILLE KY 40211  
**FACILITY** DEREK R. GUTHRIE WQTC

**LOCATION** LOUISVILLE KY 40272  
**ATTN:** DENNIS THOMASSON SR. METRO OPS

KENTUCKY POLLUTANT DISCHARGE ELIMINATION SYSTEM (KPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

KY0078956  
 PERMIT NUMBER

001 R  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 REASONABLE POTENTIAL EFFLUENT  
 [ ] No Discharge


MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
FROM 11	12	01		11	12	31

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			
CHROMIUM ,HEXAVALENT (AS CR) 01032 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT			***		0.01	0.01	(19) MG/L	0	01/30	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		01/30	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  
**GREG HEITZMAN**  
 EXECUTIVE DIRECTOR  
 TYPED OR PRINTED

I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.

  
 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE  
 502 540-6000  
 AREA CODE NUMBER  
 DATE  
 12 / 1 / 23  
 YEAR MO DAY

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

DISCHARGE MONITORING REPORT (DMR)

**NAME** DEREK R. GUTHRIE WQTC MSD  
**ADDRESS** C/O CEDAR CREEK WQTC  
 4522 ALGONQUIN PKWY  
 LOUISVILLE KY 40211  
**FACILITY** DEREK R. GUTHRIE WQTC

KY0078956  
 PERMIT NUMBER


001 Y  
 DISCHARGE NUMBER

MAJOR (SUBR LV)  
 F - FINAL JEFFE  
 BIOMONITORING/METALS/QUARTERLY  
 EFFLUENT  
 [ ] No Discharge

MONITORING PERIOD							
YEAR	MO	DAY	TO	YEAR	MO	DAY	
FROM	11	12	01		11	12	31

**LOCATION** LOUISVILLE KY 40272  
**ATTN:** DENNIS THOMASSON SR. METRO OPS

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				
HARDNESS, TOTAL (AS CaCO3) 00900 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L	0	02/30	CP	
	SAMPLE MEASUREMENT			***		235	246	(19) MG/L				
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L	0	01/90	CP	
	SAMPLE MEASUREMENT			***		0.015	0.015	(19) MG/L				
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L	0	QTRLY	COMPOS	
	SAMPLE MEASUREMENT			***		<0.001	<0.001	(19) MG/L				
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L	0	QTRLY	COMPOS	
	SAMPLE MEASUREMENT			***		<0.08	<0.08	(19) MG/L				
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L	0	QTRLY	COMPOS	
	SAMPLE MEASUREMENT			***		0.003	0.003	(19) MG/L				
TOXICITY, FINAL CONC TOXICITY UNITS 61406 1 0 0 EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	1.00 DAILY MX	TOXCTY	(2F)	0	QTRLY	GRAB-2	
	SAMPLE MEASUREMENT			***		<1.0	TOXCTY	(2F)				
NAME/TITLE PRINCIPAL EXECUTIVE OFFICER	I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT, SEE 18 U.S.C 1001 AND 33 U.S.C 1319. (Penalties under those statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.							TELEPHONE		DATE		
GREG HEITZMAN EXECUTIVE DIRECTOR	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	17	1	23
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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

Name of Sewage Treatment Plant:

West County WTP

Jefferson

Month of:

December

2011

KPDES Permit Number:

KY0078956

Plant Capacity:

30 MGD

Receiving Stream:

Ohio River

Date	Total Flow (MG)	Raw Sewage		pH		Settleable Solids (mL/L)			Dissolved Oxygen (mg/L)			Suspended Solids (mg/L)			Total Solids (mg/L)			5-day BOD (mg/L)			Activated Sludge		Aeration Basin						Dig Sludge		Final							
		Grit Removed (cu. ft.)	Screenings (cu. ft.)	Raw	Final	Raw	Primary (or Sec.)	Final	Stream Above	Final	Stream Below	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	Raw	Primary (or Sec.)	Final	MeKon Gal/Day	MLSS mg/L X 1000	Gal/Day X 1000	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1&#2	MLVSS (mg/L) X1000 #1&#2	30 min. Settle.	SVI	% Solids	Phosphorus (mg/L)	TK&N (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col/100ml	Hexavalent Chromium	Hardness	
																																						WAS
1	49.73			7.6	7.5				8.0		105		8				77		6		4030					1930	1480	170.0	0.09				0.01	6.30				
2	43.53			7.6	7.5				8.0		160		5				113		6		3980					6790	4970	550.0	0.08				0.01	9.50			3	
3	40.25			7.4	7.4				7.9		198		5				131		5		3180					2400	1820	200.0	0.08				0.01	9.90			1	
4	42.47			7.1	7.3				7.0		480		17				186		23		1920					1120	840	80.0	0.07				0.01	11.00			1	
5	62.47			7.4	7.2				7.0		120		20				49		11		4960					1280	940	100.0	0.08		4.10		0.01	2.60			7	
6	88.74			7.2	7.2				7.0		126		11				67		8		4810					1090	840	90.0	0.08	3.17			0.01	2.80			2	
7	70.28			7.3	7.4				7.0		182		10				121		11		5050					1300	970	110.0	0.08				0.01	6.50			1	
8	49.39			7.6	7.4				7.0		100		11				79		13		2560					1020	750	90.0	0.09				0.01	8.80			1	
9	45.34			7.6	7.6				7.0		148		10				121		19		1330					670	490	70.0	0.10				0.01	9.20			1	
10	40.99			7.6	7.6				7.0		174		14				114		26		1750					860	650	80.0	0.09				0.01	11.00			1	
11	38.19			7.7	7.5				7.0		188		14				133		19		1830					890	670	80.0	0.09				0.01	11.00			1	
12	37.19			7.5	7.5				7.0		164		14				132		20		1840					1020	790	80.0	0.08		16.00		0.01	13.00			9	
13	38.24			7.8	7.4				7.0		298		44				211		41		3070					1530	1190	120.0	0.08	6.02			0.01	14.00			3	
14	35.50			7.6	7.6				7.0		1050		48				575		43		8320					3890	2870	280.0	0.07				0.01	16.00		2	0.01	246
15	41.17			7.6	7.5				7.0		188		19				131		29		10830					4240	3190	350.0	0.08				0.01	11.00			64	
16	39.63			7.5	7.3				7.0		344		10				184		30		3720					2620	2030	230.0	0.09				0.01	11.00			1	
17	36.43			7.6	7.2				8.0		714		11				578		18		5310					3260	2430	190.0	0.06				0.01	13.00			2	
18	35.84			7.3	7.2				7.0		182		13				160		15		2910					2080	1650	150.0	0.07				0.01	13.00			2	
19	30.78			7.3	7.2				7.0		232		7				256		12		7680					3950	2920	420.0	0.11		15.00		0.01	13.00			1	
20	30.01			8.2	7.4				7.0		158		10				147		6		6920					4470	3320	490.0	0.11	1.85			0.01	13.00			3	
21	38.31			7.5	7.5				7.0		172		6				132		7		6860					4080	3110	350.0	0.09				0.01	9.60			2	
22	43.62			7.3	7.3				8.0		154		8				114		8		5890					3700	2810	310.0	0.08				0.01	8.00			1	
23	48.52			7.4	7.4				8.8		126		5				88		3		5700					2730	2080	220.0	0.08				0.01	5.20			1	
24	37.43			7.6	7.6				7.0		150		3				106		5		4720					2850	2210	230.0	0.08				0.01	7.50			2	
25	31.98			7.5	7.6				7.0		168		3				141		11		4240					2680	2160	230.0	0.09				0.01	10.00			1	
26	30.08			7.8	7.7				7.0		162		4				139		5		4030					2620	2100	240.0	0.09			13.00	0.01	11.00			1	
27	54.90			7.6	7.7				7.0		204		7				90		5		5080					2540	2010	280.0	0.10	0.65			0.01	7.00			3	
28	45.02			7.3	7.5				7.0		120		8				81		4		6120					3300	2550	240.0	0.07				0.01	6.30			5	
29	37.62			7.3	7.2				7.0		192		6				114		6		4620					2260	1740	200.0	0.09				0.01	7.70			4	
30	33.94			7.6	7.2				8.0		142		6				110		13		4270					2650	2200	200.0	0.08				0.01	9.30			1	
31	30.12			7.4	7.4				8.0		186		5				146		9		3970					2320	1820	200.0	0.09				0.01	9.10			1	
Total		0	0																		0.0		0.0															
Avg.	43.28			7.5	7.4				7.3		229		12				156		14		4561.3					2515.81	1921.29	213.23	0	2.97	12.03	0.01	9.55	2	0.01	246		

Total Number of Sewer Connections: 0  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_  
 Industrial Connections: \_\_\_\_\_  
 Sewer Connections X 4 = 0

Industrial Waste Population Equivalent  
412189 Flow      330270 BOD      393002 TSS

Operator: C Langford  
 Cert #: 103971  
 Phone #: 502-540-8042





IMSAST0004  
Overflow Report

Initiated Dec 01, 2011 12:00 AM thru Dec 31, 2011 11:59 PM

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

<b>KPDES #</b> KY0078956	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<b>Receiving Stream of Treatment Center</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 25479	<b>Facility Address</b> 6102 COOPER CHAPEL RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> PENNSYLVANIA RUN	<b>Discharge to</b> CATCH BASIN
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<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	1388279	12/05/11 05:58 AM	MARKS JR	SPENCER	DOCUMENTED	06/19/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 01:15 AM	

**Spot Inspections:**

Discharge Amount:	30,000 GAL
Cause:	RAIN EVENT CAUSED A LACK OF SYSTEM CAPACITY
Clean Up:	MSD CLEANED, SANITIZED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

**Notifications:**

12/05/11 06:33 AM	DISPUB	msd used signs to warn public
12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<b>Receiving Stream of Treatment Center</b> OHIO RIVER	<b>Region</b> WEST
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<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	1399222	12/27/11 03:45 PM	MARKS JR	OPS CSHIFT	DOCUMENTED	06/19/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/27/11 04:15 PM	

**Spot Inspections:**

Discharge Amount	750 GAL
Cause:	RAINEVENT CAUSED A LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE AND DEBRIS OBSERVED ALONG WITH SOLIDS
Repair:	MSD HAULED STATION TO PREVENT DISCHARGE

**Notifications:**

12/27/11 11:35 PM	DISPUB	msd used temporary signs to warn public
12/27/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/27/11 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



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

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<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	25484	9317 LANTANA DR		PENNSYLVANIA RUN	STREAM

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1388642	12/05/11 08:24 AM	SINGLETON	OPS BSHIFT WEST	DOCUMENTED	10/23/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 04:30 AM	

**Spot Inspections:**

Discharge Amount:	60,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED, SANITIZED & LIMED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON-WILL MONITOR & EVALUATE FOR REPAIR

**Notifications:**

12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 08:24 AM	DISPUB	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<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	27116	10304 CAVEN AVE		MUD CREEK	STREAM

<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	1388347	12/05/11 07:52 AM	GRIMES	HOLLEY	DOCUMENTED	11/15/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 06:40	MAIN

**Spot Inspections:**

Discharge Amount	217,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD PERSONNEL WILL CLEAN THE AFFECTED AREA UNDER WORK ORDER#1389522
Control Zone:	ADVISED PROPERTY OWNER TO AVOID CONTACT WITH SEWAGE.
Impact	OBSERVED DEBRIS, SEWAGE AND SOLIDS.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP SUBMITTED 12/08.

**Notifications:**

12/05/11 07:55 AM	DISPUB	MSD ADVISED THE CUSTOMER ON SITE.
12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<b>Receiving Stream of Treatment Center</b> OHIO RIVER	<b>Region</b> WEST
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<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	1399092	12/27/11 12:50 PM	SHERRARD	BOND JR	DOCUMENTED	11/15/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/27/11 07:30 PM	MAIN

**Spot Inspections:**

Discharge Amount:	20,000 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD WILL CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	TAPE AND TEMP SIGNS PLACED
Impact:	WATER AND DEBRIS
Repair:	THIS LOCATION INCLUDED IN THE IOAP

**Notifications:**

12/27/11 01:28 PM	DISPUB	MSD advised the customer by placing caution tape, door cards and temporary signs.
12/27/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

**KPDES #**  
 KY0078956 (Cont'd)
     
 **Facility ID**  
 MSD0277
     
 **Water Quality Treatment Center**  
 DEREK R. GUTHRIE
     
 **Receiving Stream of Treatment Center**  
 OHIO RIVER
     
 **Region**  
 WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	29239	8304 CLOVERPORT DR		PENNSYLVANIA RUN	GROUND

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1389001	12/05/11 03:15 PM	DAVIS	HENDERSON	DOCUMENTED	12/05/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/05/11 07:30 PM	MAIN

**Spot Inspections:**

Discharge Amount:	6,375 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	TAPE AND TEMP SIGNS
Impact:	SEWAGE
Repair:	PART OF THE IOAP

**Notifications:**

12/05/11 04:12 PM	DISPUB	ADVISED CUSTOMER ON SITE AND USED DOOR CARDS
12/05/11 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov



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

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<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	29948	6810 SANDSTONE BLVD		FERN CREEK	GROUND

<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	1388475	12/05/11 08:50 AM	GRIMES	HENDERSON	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 05:00 AM	MAIN

**Spot Inspections:**

Discharge Amount	67,740 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED PROPERTY OWNER TO AVOID CONTACT WITH SEWAGE, PLACED TEMPORARY SIGNS AND CAUTION TAPE.
Impact:	OBSERVED SEWAGE AND DEBRIS.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN IOAP SUBMITTED 12/08.

**Notifications:**

12/05/11 08:53 AM	DISPUB	MSD ADVISED THE CUSTOMERS BY DOOR CARD.
12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

KPDES # KY0078956 (Cont'd)	Facility ID MSD0277	Water Quality Treatment Center DEREK R. GUTHRIE	Receiving Stream of Treatment Center OHIO RIVER	Region 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	31073	6808 SANDSTONE BLVD		FERN CREEK	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1388375	12/05/11 08:42 AM	GRIMES	HENDERSON	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 05:00 AM	MAIN

**Spot Inspections:**

Discharge Amount	33,870 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED PROPERTY OWNER TO AVOID CONTACT WITH SEWAGE, PLACED TEMPORARY SIGNS AND CAUTION TAPE.
Impact:	OBSERVED SEWAGE AND DEBRIS.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN IOAP SUBMITTED 12/08.

**Notifications:**

12/05/11 08:46 AM	DISPUB	MSD ADVISED THE CUSTOMERS BY DOOR CARD.
12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<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	31074	6808 SANDSTONE BLVD		FERN CREEK	DITCH

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1388449	12/05/11 08:47 AM	GRIMES	HENDERSON	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 05:00 AM	MAIN

**Spot Inspections:**

Discharge Amount:	67,740 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	ADVISED PROPERTY OWNER TO AVOID CONTACT WITH SEWAGE, PLACED TEMPORARY SIGNS AND CAUTION TAPE.
Impact:	OBSERVED SEWAGE AND DEBRIS.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN IOAP SUBMITTED 12/08.

**Notifications:**

12/05/11 08:49 AM	DISPUB	MSD ADVISED THE CUSTOMERS BY DOOR CARD.
12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<b>Receiving Stream of Treatment Center</b> OHIO RIVER	<b>Region</b> WEST
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<b>Facility Type</b> SMH Sewer Manhole	<b>Facility ID</b> 32682	<b>Facility Address</b> 6707 W ORELL RD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> ALVEY DITCH	<b>Discharge to</b> STREAM
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<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	1389809	12/05/11 02:39 PM	GRIFFITH	GRIFFITH	DOCUMENTED	03/12/06	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 06:00 PM	

**Spot Inspections:**

Discharge Amount:	565,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-HEAVY RAIN
Clean Up:	DISLCN WO# 1390272
Control Zone:	NONE NEEDED-MSD PROPERTY AND VERY REMOTE LOCATION
Impact:	LIGHT DEBRIS OBSERVED
Repair:	LOCATION INCLUDED IN THE IOAP

**Notifications:**

12/07/11 09:18 AM	DISPUB	PUBLIC NOTIFIED THROUGH PERMANENT SIGNS
12/07/11 01:07 PM	DISNOT	Manual email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/07/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<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	60679	9114 CINDERELLA LN		FISHPOOL 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	1388638	12/05/11 08:37 AM	SINGLETON	OPS BSHIFT WEST	DOCUMENTED	12/15/07	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 08:55 AM	

**Spot Inspections:**

Discharge Amount:	145,800 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD LIMED, CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

**Notifications:**

12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 08:37 AM	DISPUB	TEMPORARY SIGNS POSTED
12/05/11 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, Excluding LAT and SSL, Result: WUS, Act Code: DISDW, DISREV

<b>KPDES #</b> KY0078956 (Cont'd)	<b>Facility ID</b> MSD0277	<b>Water Quality Treatment Center</b> DEREK R. GUTHRIE	<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
SLS Sewer Lift Station	MSD1010-PS	5006 LEA ANN WAY	LEA ANN WAY	NORTHERN DITCH	STREAM

<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	1388765	12/05/11 10:00 AM	SINGLETON	OPS BSHIFT WEST	DOCUMENTED	12/15/07	PUMPED OVERFLOW	UNAUTHORIZED DISCHARGE-WATER S	12/06/11 05:00 AM	

**Spot Inspections:**

Discharge Amount:	2,964,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED, SANITIZED & LIMED THE AREA
Control Zone:	TAPE & TEMPORARY SIGNS PLACED
Impact:	SEWAGE & DEBRIS OBSERVED
Repair:	SITE FOUND DURING RAIN EVENT RECON- WILL MONITOR & EVALUATE FOR REPAIR

**Notifications:**

12/05/11 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to ireland.sean@epa.gov, eppc.ert@ky.gov and LisaA.Jeffries@ky.gov
12/05/11 10:00 AM	DISPUB	TAPE & TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA
12/05/11 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