



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

January 24, 2013

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 2012**

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 2012.

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

Also Included are the overflow reports and 4<sup>th</sup> qtr Bio.

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

Sincerely,

A handwritten signature in black ink, appearing to read "John Kessel", with a long horizontal line extending to the right.

John Kessel  
Process Supervisor, West Region

JMK/Derek Guthrie 1212

Enclosures

cc:

T. Singleton  
R. Shaw



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

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

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
12	12	01		12	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			
OXYGEN, DISSOLVED (DO) 00300 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	7	*****	*****	(19) MG/L	0	01/01	GR
	PERMIT MEASUREMENT	*****	*****	***	2 INST MIN	*****	*****	(19) MG/L		DAILY	GRAB
BOD, 5-DAY (20 DEG. C) 00310 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	59824	95777	(26) LBS/DY	*****	206	281	(19) MG/L	0	01/01	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS
BOD, 5-DAY (20 DEG. C) 00310 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2756	3467	(26) LBS/DY	*****	9	9	(19) MG/L	0	01/01	CP
	PERMIT MEASUREMENT	7506 MO AVG	11259 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		DAILY	COMPOS
PH 00400 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	6.8	*****	7.5	(12) SU	0	01/01	GR
	PERMIT MEASUREMENT	*****	*****	***	6:0 MINIMUM	*****	9:0 MAXIMUM	(12) SU		DAILY	GRAB
SOLIDS, TOTAL SUSPENDED 00530 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	62114	92110	(26) LBS/DY	*****	224	361	(19) MG/L	0	01/01	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS
SOLIDS, TOTAL SUSPENDED 00530 1 0 1 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	2284	3025	(26) LBS/DY	*****	7	10	(19) MG/L	0	01/01	CP
	PERMIT MEASUREMENT	7506 MO AVG	11259 MX WK AV	(26) LBS/DY	*****	30 MO AVG	45 MX WK AV	(19) MG/L		DAILY	COMPOS
NITROGEN, AMMONIA TOTAL (AS N) 00610 G 0 0 RAW SEW/INFLUENT	SAMPLE MEASUREMENT	3466	3717	(26) LBS/DY	*****	14	17	(19) MG/L	0	01/01	CP
	PERMIT MEASUREMENT	REPORT MO AVG	REPORT MX WK AV	(26) LBS/DY	*****	REPORT MO AVG	REPORT MX WK AV	(19) MG/L		DAILY	COMPOS
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		13	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.

PERMITTEE NAME/ADDRESS (Include)

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

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

KY0078956  
 PERMIT NUMBER

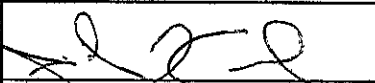
0012  
 DISCHARGE NUMBER

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
12	12	01		12	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	SAMPLE MEASUREMENT	151	207	(26) LBS/DY	*****	1	1	(19) MG/L	0	01/01	CP	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	3253 MO AVG	4879 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	SAMPLE MEASUREMENT	559	1037	(26) LBS/DY	*****	2	3	(19) MG/L	0	01/07	CP	
EFFLUENT GROSS VALUE	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	SAMPLE MEASUREMENT	415	856	(26) LBS/DY	*****	2	3.0	(19) MG/L	0	01/07	CP	
EFFLUENT GROSS VALUE	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	SAMPLE MEASUREMENT	30.26	63.40	(03) MGD	*****	*****	*****	***	0	CN	CN	
RAW SEW/INFLUENT	PERMIT MEASUREMENT	REPORT MO AVG	REPORT Daily MAX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN	
FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0	SAMPLE MEASUREMENT	33.35	69.09	(03) MGD	*****	*****	*****	***	0	CN	CN	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	REPORT MO AVG	REPORT Daily MAX	(03) MGD	*****	*****	*****	***		CONTINUOUS	CONTIN	
CHLORINE, TOTAL RESIDUAL 50060 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<0.010	(19) MG/L		01/01	GRAB	
EFFLUENT GROSS VALUE	PERMIT MEASUREMENT	*****	*****	***	*****	*****	0.019 DAILY MX	(19) MG/L		DAILY	GRAB	
COLIFORM, FECAL GENERAL 74055 1 0 0	SAMPLE MEASUREMENT	*****	*****	***	*****	25	59	(13) 100ML	0	01/01	GRAB	
EFFLUENT GROSS VALUE	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	 SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT							502	540-6000	13	01	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.

PERMITTEE NAME/ADDRESS (include

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

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

KY0078956  
 PERMIT NUMBER

001 2  
 DISCHARGE NUMBER

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

MONITORING PERIOD						
YEAR	MO	DAY	TO	YEAR	MO	DAY
12	12	.01		12	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	*****	*****	***	96	*****	*****	(23) CENT	0	1/30	Cal	
	PERMIT MEASUREMENT	*****	*****	***	85 MO AVG	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
SOLIDS, SUSPENDED PERCENT REMOVAL 81011 K 0 0 PERCENTREMOVAL	SAMPLE MEASUREMENT	*****	*****	***	97	*****	*****	(23) CENT	0	01/30	Cal	
	PERMIT MEASUREMENT	*****	*****	***	85 MO MIN	*****	*****	(23) CENT		ONCE/MONTH	CALCTD	
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
	SAMPLE MEASUREMENT											
	PERMIT MEASUREMENT											
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GREG HEITZMAN EXECUTIVE DIRECTOR								502	540-6000	13	01	23
TYPED OR PRINTED								AREA CODE	NUMBER	YEAR	MO	DAY

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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

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

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

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	1/30	CP
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		ONCE/MONTH	COMPOS
	SAMPLE MEASUREMENT										
	PERMIT MEASUREMENT										
	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 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 those 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 NUMBER 13 01 23  
 DATE YEAR MO DAY

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

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 Y  
DISCHARGE NUMBER

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

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

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

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PARAMETER	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	SAMPLE MEASUREMENT	*****	*****	***	*****	231	231	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
ZINC TOTAL RECOVERABLE 01094 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.037	<0.037	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
CADMIUM TOTAL RECOVERABLE 01113 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.0010	<0.0010	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
LEAD TOTAL RECOVERABLE 01114 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.08	<0.08	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
COPPER TOTAL RECOVERABLE 01119 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	<0.006	<0.006	(19) MG/L	0	1/90	CP	
	PERMIT MEASUREMENT	*****	*****	***	*****	REPORT MO AVG	REPORT DAILY MX	(19) MG/L		QTRLY	COMPOS	
TOXICITY, FINAL CONC TOXICITY UNITS 61406 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	*****	*****	***	*****	*****	<1.00	(2F) TOXCTY	0	1	GRAB-2	
	PERMIT MEASUREMENT	*****	*****	***	*****	*****	1.00	(2F) TOXCTY		QTRLY	GRAB-2	
	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	13	01	23
TYPED OR PRINTED								SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO
COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)												

Name of Sewage Treatment Plant:

West County WTP

Jefferson

Month of:

December

2012

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	MLSS mg/L X 1000	WAS	Gal/Day X 1000	Oxygen (mg/L) #1	Oxygen (mg/L) #2	MLSS (mg/L) X 1000 #1&2	MLVSS (mg/L) X 1000 #1&2	30 min. Sett.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col/100ml	Hexavalent Chromium	Hardness	
1	16.45			7.2	8.8					262							205			6	4180					4280	3240	280.0	0.08				0.01	0.28	2			
2	16.89			7.4	6.8					204							202			6	5280					3690	2820	280.0	0.08				0.01	0.50	14			
3	16.68			7.2	7.2					212							167			5	5340					2930	2230	270.0	0.09				0.01	0.22	4			
4	18.87			7.2	7.2					272							219			7	5330					3220	2500	280.0	0.08				0.01	0.62	27		217	
5	25.38			7.2	7.1					208							159			7	6150					3680	2880	280.0	0.07	2.36	2.50		0.01	0.39	4	0.01		
6	22.37			7.6	7.1					238							193			6	5750					3140	2400	280.0	0.08				0.01	0.28	10			
7	59.83			7.4	7.1					288						30	357			29	7280					2910	2250	230.0	0.08				0.01	1.30	50			
8	66.12			7.4	7.4					120						13	316			19	11290					4820	4080	240.0	0.05				0.01	0.73	52			
9	50.38			7.4	7.3					270						9	227			10	9290					3700	2720	230.0	0.08				0.01	0.34	105			
10	89.09			7.5	7.1					142						8	142			7	11680					3480	2610	190.0	0.05			1.80	0.01	0.28	1800			
11	41.44			7.2	7.2					394						5	283			5	6690					2760	1940	180.0	0.07	0.42			0.01	0.34	4		221	
12	31.94			7.6	7.2					348						5	645			7	6440					3140	2250	180.0	0.08				0.01	1.60	7	0.01		
13	27.88			7.2	7.1					114						5	127			4	5800					3540	2820	200.0	0.08				0.01	0.62	3			
14	25.00			7.0	7.1					132						5	95			5	5790					3220	2450	180.0	0.06				0.01	0.28	40			
15	26.50			6.9	7.2					200						4	140			5	4280					2270	1820	170.0	0.07				0.01	0.22	68			
16	27.00			7.3	7.1					150						6	130			8	5040					2850	2080	180.0	0.06				0.01	0.17	35			
17	27.28			7.2	7.3					212						6	128			4	5340					2990	2230	190.0	0.08				0.01	0.28	8			
18	29.73			7.2	7.1					472						7	448			7	5490					2800	2000	190.0	0.07				0.01	0.34	738			
19	27.22			6.9	7.2					785						11	501			14	6250					4070	3080	220.0	0.05	3.43			0.01	0.34	195			
20	37.65			7.4	7.2					418						12	374			14	6580					4280	3100	290.0	0.07				0.01	1.10	9			
21	37.74			7.6	7.2					290						7	245			11	8800					4860	3680	230.0	0.05				0.01	0.62	140			
22	30.06			7.8	7.3					80						5	78			8	7880					5730	4240	230.0	0.04				0.01	0.50	55			
23	27.83			7.6	7.2					74						4	99			8	6180					3860	2780	200.0	0.05				0.01	0.45	19			
24	26.82			7.2	7.2					114						4	102			12	5860					3070	2280	200.0	0.07				0.01	0.22	43			
25	24.50			7.2	7.3					98						3	101			5	5110					2600	1950	200.0	0.08			1.40	1.60	0.01	0.34	12		
26	53.04			7.4	7.2					350						11	213			17	5220					2580	2120	200.0	0.08				0.01	1.40	40			
27	43.69			7.8	7.3					74						8	70			8	8900					3260	2780	230.0	0.07				0.01	0.45	4			
28	33.15			7.5	7.5					68						5	83			10	5840					4280	3480	300.0	0.07				0.01	0.22	21			
29	33.91			7.5	7.5					140						4	123			6	7320					3780	2920	280.0	0.07				0.01	0.22	27			
30	30.70			7.6	7.5					98						4	86			5	6370					3440	2670	250.0	0.07			2.10	0.01	0.45	20			
31	28.75			7.2	7.4					108						3	112			5	5820					2820	2220	240.0	0.09				0.01	0.28	38			
Total	###	0	0																		0.0		0.0															
Avg.	33.35			7.3	7.2					7.7						7				9	6511.3					3483.55	2649.03	225.81	0			1.90	2.04	0.01	0.50	25	0.01	219

Total Number of Sewer Connections:

0

Residential Connections:

Commercial Connections:

Industrial Connections:

Sewer Connections X 4 =

0

Industrial Waste Population Equivalent

317581

Flow

336281

BOD

298005

TSS

Operator

Steve Patterson

Cert. #

26823

Phone #

540-6030



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

KPDES # KY0078956	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	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	1607911	12/07/12 08:30 AM	DAVIS	HOLLEY	DOCUMENTED	11/15/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/07/12 10:30 PM	MAIN

**Spot Inspections:**

Discharge Amount:	42,000 GAL
Cause:	RAIN EVENT - LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	PERSONAL HYGIENE PRODUCTS, SEWAGE, DEBRIS AND SOLIDS
Repair:	THIS LOCATION INCLUDING IN MSD'S IOAP

**Notifications:**

12/07/12 10:43 AM	DISPUB	ADVISED CUSTOMER ON SITE
12/07/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/07/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1608563	12/09/12 11:30 PM	GRIMES	HOLLEY	DOCUMENTED	11/15/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/10/12 09:30 AM	MAIN

**Spot Inspections:**

Discharge Amount:	30,000 GAL
Cause:	LACK OF CAPACITY - HEAVY RAIN
Clean Up:	MSD CLEANED AND SANITIZED AFFECTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE.
Impact:	OBSERVED PERSONAL HYGIENE PRODUCTS, DEBRIS, SEWAGE AND SOLIDS.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/10/12 07:02 AM	DISPUB	MSD ADVISED CUSTOMER ON SITE.
12/10/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/10/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1613734	12/20/12 01:00 PM	GRIMES	HOLLEY	DOCUMENTED	11/15/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/20/12 07:00 PM	MAIN

**Spot Inspections:**

Discharge Amount	9,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD CLEANED AND SANITIZED AFFECTED AREA
Control Zone:	MSD PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	MSD OBSERVED SEWAGE, SOLIDS AND DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/20/12 03:31 PM	DISPUB	MSD ADVISED THE CUSTOMER ON SITE
12/20/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1616459	12/26/12 09:00 AM	GRIMES	HOLLEY	DOCUMENTED	11/15/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/26/12 08:00 PM	MAIN

**Spot Inspections:**

Discharge Amount:	33,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CREATED DISCLN WORK ORDER #1616620
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	OBSERVED DEBRIS, SEWAGE AND SOLIDS
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/26/12 10:24 AM	DISPUB	MSD ADVISED THE CUSTOMER ON SITE.
12/26/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/26/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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> 29948	<b>Facility Address</b> 6810 SANDSTONE BLVD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> FERN CREEK	<b>Discharge to</b> GROUND
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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	1608391	12/08/12 09:30 AM	RHODES	HENDERSON	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/08/12 01:30 PM	MAIN

**Spot Inspections:**

Discharge Amount	6,000 GAL
Cause:	RAIN EVENT LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL TO CLEAN AND SANITIZED AFFECTED AREA
Control Zone:	MSD PERSONNEL PLACED STAKES, TEMPORARY SIGNS & CAUTION TAPE
Impact:	MSD PERSONNEL OBSERVED SEWAGE, DEBRIS & SOLIDS
Repair:	LOCATION PART OF MSD IOAP

**Notifications:**

12/08/12 09:30 AM	DISPUB	MSD PERSONNEL PLACE SIGNS TO ALERT THE PUBLIC
12/08/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1608564	12/10/12 12:10 AM	GRIMES	HENDERSON	DOCUMENTED	03/04/08	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/10/12 03:00 AM	MAIN

**Spot Inspections:**

Discharge Amount	8,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CREATED DISCLN WO#1608566
Control Zone:	MSD PLACED TEMPORARY SIGNS AND CAUTION TAPE.
Impact:	OBSERVED DEBRIS AND SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/10/12 07:08 AM	DISPUB	MSD ADVISED THE CUSTOMER BY PLACING CAUTION TAPE AND TEMPORARY SIGNS.
12/10/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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	31073	6808 SANDSTONE BLVD		FERN 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	1608063	12/07/12 07:20 AM	DAVIS	BOND JR	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/07/12 09:45 PM	MAIN

**Spot Inspections:**

Discharge Amount:	21,625 GAL
Cause:	RAIN EVENT LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	CAUTION TAPE AND STAKES AND SIGNS
Impact:	SEWAGE, DEBRIS, SOLIDS
Repair:	LOCATION PART OF MSD IOAP

**Notifications:**

12/07/12 02:34 PM	DISPUB	left door cards for customer/residents in affected area
12/07/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1608321	12/08/12 08:00 AM	RHODES	HENDERSON	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER	12/08/12 04:00 PM	MAIN

**Spot Inspections:**

Discharge Amount:	12,000 GAL
Cause:	RAIN EVENT LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL TO CLEAN AND SANITIZED AFFECTED AREA
Control Zone:	MSD PERSONNEL PLACED STAKES, TEMPORARY SIGNS & CAUTION TAPE
Impact:	MSD PERSONNEL OBSERVED SEWAGE, DEBRIS & SOLIDS
Repair:	LOCATION PART OF MSD IOAP

**Notifications:**

12/08/12 08:00 AM	DISPUB	MSD PERSONNEL PLACED SIGNS TO ALERT THE PUBLIC
12/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/08/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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	1608572	12/10/12 12:20 AM	GRIMES	HENDERSON	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/10/12 10:20 AM	MAIN

**Spot Inspections:**

Discharge Amount	20,000 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	MSD TO CLEAN AND SANITIZE AFFECTED AREA
Control Zone:	MSD PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact	OBSERVED SEWAGE AND DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/10/12 07:29 AM	DISPUB	MSD ADVISED THE CUSTOMER BY PLACING TEMPORARY SIGNS AND CAUTION TAPE
12/10/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov





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

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

<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	1616445	12/26/12 08:55 AM	GRIMES	HENDERSON	DOCUMENTED	03/09/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/26/12 01:45 PM	MAIN

**Spot Inspections:**

Discharge Amount:	7,245 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CREATED DISCLN WORK ORDER #1616568
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/26/12 08:55 AM	DISPUB	MSD ADVISED THE CUSTOMER BY DOOR CARDS.
12/26/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/26/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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> 31074	<b>Facility Address</b> 6808 SANDSTONE BLVD	<b>If Pump Station, Name of Pump Station:</b>	<b>Receiving Stream</b> FERN CREEK	<b>Discharge to</b> DITCH
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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	1608060	12/07/12 07:20 AM	DAVIS	BOND JR	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/07/12 08:20 PM	MAIN

**Spot Inspections:**

Discharge Amount:	19,500 GAL
Cause:	RAIN EVENT - LACK OF SYSTEM CAPACITY
Clean Up:	MSD TO CLEAN SANITIZE AFFECTED AREA
Control Zone:	STAKES AND CAUTION TAPE AND TEMP SIGNS
Impact:	DEBRIS AND SEWAGE
Repair:	LOCATION PART OF MSD IOAP

**Notifications:**

12/07/12 02:28 PM	DISPUB	DOOR CARDS PLACED IN AREA TO NOTIFY CUSTOMERS
12/07/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1608314	12/08/12 08:00 AM	RHODES	HENDERSON	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/08/12 04:00 PM	MAIN

**Spot Inspections:**

Discharge Amount:	15,000 GAL
Cause:	RAIN EVENT LACK OF SYSTEM CAPACITY
Clean Up:	MSD PERSONNEL TO CLEAN AND SANITIZE AFFECTED AREA UNDER WORKORDER#1608292
Control Zone:	MSD PERSONNEL PLACED STAKES, SIGNS AND CAUTION TAPE
Impact:	MSD PERSONNEL OBSERVED SEWAGE, DEBRIS & SOLIDS
Repair:	LOCATION PART OF MSD IOAP

**Notifications:**

12/08/12 08:15 AM	DISPUB	MSD PERSONNEL PLACED TEMPORARY SIGNS TO ALERT THE PUBLIC
12/08/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/08/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1608570	12/10/12 12:03 AM	GRIMES	HENDERSON	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/10/12 05:20 AM	MAIN

**Spot Inspections:**

Discharge Amount:	12,500 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CREATED DISCLN WO#1608589
Control Zone:	MSD PLACED TEMPORARY SIGNS AND CAUTION TAPE.
Impact:	OBSERVED SEWAGE AND DEBRIS
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP.

**Notifications:**

12/10/12 07:23 AM	DISPUB	MSD ADVISED THE CUSTOMER BY PLACING TEMPORARY SIGNS AND CAUTION TAPE
12/10/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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

<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	1616447	12/26/12 08:50 AM	GRIMES	HENDERSON	DOCUMENTED	02/24/11	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/26/12 01:45 PM	MAIN

**Spot Inspections:**

Discharge Amount:	7,380 GAL
Cause:	LACK OF SYSTEM CAPACITY - HEAVY RAIN
Clean Up:	CREATED DISCLN WORK ORDER #1616570
Control Zone:	PLACED TEMPORARY SIGNS AND CAUTION TAPE
Impact:	OBSERVED SEWAGE
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP

**Notifications:**

12/26/12 08:50 AM	DISPUB	MSD ADVISED THE CUSTOMER BY DOOR CARDS
12/26/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov
12/26/12 01:00 AM	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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
SMN Sewer Main	31900	8815 TRANQUIL VALLEY LN		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>
DISDW: DRY WEATHER DISCHARGE	1607768	12/06/12 02:45 PM	RICHARDSON	RICHARDSON	REPAIRED - ISSUE RESOLVED	12/06/12	ROOTS	UNAUTHORIZED DISCHARGE-WATER S	12/06/12 03:44 PM	

**Spot Inspections:**

Discharge Amount:	50 GAL
Cause:	ROOTS IN THE MSD MAIN SEWER
Clean Up:	MSD CLEANED THE IMPACTED AREA
Control Zone:	PLACED DISCHARGE SIGNS AND ADVISED CUSTOMER TO AVOID CONTACT WITH SEWAGE
Impact:	SEWAGE COMING FROM UNDER GROUND FROM THE SHALLOW MAIN SEWER
Repair:	WORK ORDERS 1607782, 1607779; FLUSHED AND ROOT CUT THE MAIN SEWER

**Notifications:**

12/06/12 02:45 PM	DISPUB	PLACED DISCHARGE SIGN AND ADVISED CUSTOMER ON SITE
12/06/12 01:00 PM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@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	87309	6921 SHEPHERDSVILLE RD		NORTHERN DITCH	STREAM

Activity Code / Description	WO #	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV: RAIN EVENT DISCHARGE	1607954	12/07/12 09:00 AM	DAVIS	SPANN	REPAIRED - ISSUE RESOLVED	12/07/12	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATER S	12/07/12 12:00 PM	

**Spot Inspections:**

Discharge Amount:	180,000 GAL
Cause:	RAIN EVENT - PUMP UNABLE TO KEEP UP WITH VOLUME OF STORM WATER
Clean Up:	CONTRACTOR TO CLEAN AND SANITIZE AREA
Control Zone:	CAUTION TAPE AND TEMP SIGNS
Impact:	PERSONAL HYGIENE PRODUCTS
Repair:	REMOVING PLUGS; I&I REPAIRS BEING MADE TO LINE

**Notifications:**

12/07/12 11:00 AM	DISPUB	PLACED TEMP SIGNS UP THE CREEK
12/07/12 01:00 AM	DISNOT	Email notification of unauthorized discharge sent to eppc.ert@ky.gov, Sayre.Dennis@epamail.epa.gov, Charlie.Roth@ky.gov and LisaA.Jeffries@ky.gov