



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

May 20, 2015

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

RE: Derek Guthrie WQTC, KPDES No: KY0078956  
Discharge Monitoring Report, April 2015

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 April 2015.

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

Also included are the overflow reports.

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 "JK", written over a light blue horizontal line.

John Kessel  
Process Supervisor, West Region

JMK/West County 04/15  
Enclosures

cc: C. Roth  
T. Singleton  
R. Shaw



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



**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
20154_DRGWQTC_OverflowReport.pdf	pdf	125966
DRG_cover_042015.pdf	pdf	41620
DRG_MOR_042015.xlsx	xlsx	45432

**Report Last Saved By**

**DEREK R GUTHRIE WQTC MSD**

User: kessel@louisvillemsd.org

Date/Time: 2015-05-22 13:32 (Time Zone: -04:00)

Name: John Kessel

E-Mail: kessel@louisvillemsd.org

## DMR Copy of Record

<b>Permit</b>																		
Permit #:	KY0078956			Permittee:	DEREK R GUTHRIE WQTC MSD				Facility:	DEREK R GUTHRIE WQTC MSD								
Major:	Yes			Permittee Address:	11621 LOWER RIVER RD LOUISVILLE, KY 40272				Facility Location:	11621 LOWER RIVER RD LOUISVILLE, KY 40272								
Permitted Feature:	001 External Outfall			Discharge:	001-R REASONABLE POTENTIAL													
<b>Report Dates &amp; Status</b>																		
Monitoring Period:	From 04/01/15 to 04/30/15			DMR Due Date:	05/28/15				Status:	NetDMR Validated								
<b>Considerations for Form Completion</b>																		
<b>Principal Executive Officer</b>																		
First Name:	Greg			Title:	Exec Director				Telephone:	502-540-6000								
Last Name:	Hetizman																	
<b>No Data Indicator (NODI)</b>																		
Form NODI:	--																	
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Sample Permit Req. Value 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			
01032	Chromium, hexavalent [as Cr]	1 - Effluent Gross	0	--							<	0.004	<	0.004	19 - mg/L	02/30 - Twice Per Month	CP - COMPOS	
												Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L 0	01/30 - Monthly	CP - COMPOS	
<b>Submission Note</b>																		
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.																		
<b>Edit Check Errors</b>																		
No errors.																		
<b>Comments</b>																		
<b>Attachments</b>																		
No attachments.																		
<b>Report Last Saved By</b>																		
DEREK R GUTHRIE WQTC MSD																		
User:	kessel@louisvillemsd.org				Date/Time:	2015-05-22 13:32 (Time Zone: -04:00)												
Name:	John Kessel																	
E-Mail:	kessel@louisvillemsd.org																	

Name of Sewage Treatment Plant: West County WTP Jefferson County Month of: April 2015

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	Raw	Primary (or Sec.)	Final	Million Gal/Day	MLSS mg/L X 1000	Gal/Day X 1000	Dissolved Oxygen (mg/L) #1	Dissolved Oxygen (mg/L) #2	MLSS (mg/L) X1000 #1&#2	MLYSS (mg/L) X1000 #1&#2	30 min. SettS.	SVI	% Solids	Phosphorus (mg/L)	TKN (mg/L)	Chlorine Residual (mg/L)	NH3-N (mg/L)	Fecal Coliform Col./100ml	
1	22.37			6.8	6.5					8.2			504			4				371			8							2400	1760	190.0	0.08				0.02	2.50	2
2	48.59			6.8	6.8					8.4			436			16				265			22							2620	1980	190.0	0.07				0.02	3.80	2
3	173.96			6.8	6.7					8.2			215			13				65			7							1260	940	80.0	0.06				0.02	0.52	6
4	179.07			6.7	6.7					8.2			66			11				37			12							490	265	20.0	0.04				0.02	1.31	27
5	122.22			6.8	6.8					8.2			80			10				51			16							1400	830	70.0	0.05				0.02	2.40	36
6	104.99			6.5	6.9					9.0			404			8				211			11							516	348	20.0	0.04				0.02	2.80	6
7	101.18			6.6	6.8					9.0			136			7				69			6							2240	1380	105.0	0.05	0.26	3.20	0.02	2.00	3	
8	109.64			6.6	6.9					9.0			388			7				151			8							1560	1000	85.0	0.05				0.02	2.40	4
9	105.46			7.1	6.9					9.0			242			3				116			6							2160	1400	125.0	0.06				0.02	2.20	2
10	103.33			6.6	6.9					8.0			170			8				118			13							2160	1360	125.0	0.06				0.02	2.30	2
11	73.78			6.8	6.9					9.0			135			6				69			14							2800	1860	150.0	0.05				0.02	3.10	2
12	62.53			6.8	6.9					9.0			184			4				129			17							3340	2180	170.0	0.05				0.02	3.00	2
13	49.05			7.4	7.4					9.0			240			4				188			14							2860	1880	180.0	0.06			4.00	0.02	2.60	4
14	85.94			6.8	6.9					8.2			368			4				227			11							2660	1780	160.0	0.06	0.57			0.02	2.10	2
15	71.57			6.7	6.8					8.5			222			6				117			12							2600	1760	160.0	0.06				0.02	2.70	4
16	62.39			6.5	6.8					8.2			118			4				74			10							3000	2040	190.0	0.06				0.02	3.10	4
17	57.55			6.6	6.7					8.2			194			6				108			6							3200	2220	190.0	0.06				0.02	2.60	2
18	51.47			6.8	6.9					8.0			260			3				146			7							3050	2030	200.0	0.07				0.02	2.40	2
19	70.37			6.9	6.8					8.0			104			7				74			14							3060	2030	220.0	0.07				0.02	2.40	2
20	91.29			6.8	6.4					7.8			67			7				46			10							2440	1740	165.0	0.07				0.02	1.90	5
21	65.70			6.5	6.8					8.2			94			7				78			17							2620	1920	180.0	0.07	0.52	3.50	0.02	2.40	4	
22	47.09			6.9	6.5					7.9			100			3				72			6							3280	2250	230.0	0.07				0.02	3.20	3
23	48.47			6.6	6.8					7.3			108			2				76			6							2360	1720	180.0	0.08				0.02	3.10	3
24	44.04			6.6	6.7					8.2			96			3				73			6							2800	1980	185.0	0.07				0.02	3.00	5
25	47.48			6.7	6.4					8.0			110			3				79			7							3020	2170	170.0	0.06				0.02	3.10	1
26	47.71			6.9	6.3					8.2			156			9				135			28							2580	1870	170.0	0.07				0.02	3.60	2
27	41.52			6.5	6.6					8.0			126			7				86			18							2560	1880	165.0	0.06				0.02	3.40	5
28	40.51			7.0	6.6					8.0			142			8				131			18							2620	1880	175.0	0.07	0.90	4.20	0.02	3.00	6	
29	38.36			6.6	6.5					8.0			144			8				122			22							2740	2080	175.0	0.06				0.02	4.50	2
30	36.95			6.6	6.7					8.0			182			3				127			6							3230	2390	180.0	0.06				0.02	2.50	2
31																																							
Total	2204.57	0	0																					0.0		0.0													
Avg.	73.49			6.7	6.7					8.3			193			6							120			6557.0				2454.20	1697.43	153.50	0.06		0.57	3.73	0.02	2.66	3

Total Number of Sewer Connections: 0 Industrial Waste Population Equivalent \_\_\_\_\_ Operator Chris Langford  
 Residential Connections: \_\_\_\_\_  
 Commercial Connections: \_\_\_\_\_ Flow 699864 BOD 433937 TSS 563355 Cert. # 18751  
 Industrial Connections: \_\_\_\_\_  
 Sewer Connections X 4 = 0 Phone # 502-540-6042

Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	102339	9114 CINDERELLA LN		FISHPOOL CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337555		4/3/15 2:22 am	SINGLETON	OPS ASHIFT	FORCE MAJEURE	05/02/2010	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 03:10 AM	

**Discharge Reporting:**

Discharge Amount:	74,400 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGN PLACED
Impact:	SEWAGE, PERSONAL HYGIENE PRODUCTS & DEBRIS OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	103958	10601 LEVEN BLVD		FISHPOOL CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337647		4/3/15 8:25 am	SINGLETON	OPS BSHIFT WEST	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 04:30 AM	

**Discharge Reporting:**

Discharge Amount:	12,050 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	THE SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	17446	4511 ST RITA DR		ROBERSON RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337683		4/3/15 9:00 am	GALLAI	GALLAI	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 05:50 PM	

**Discharge Reporting:**

Discharge Amount:	5,300 GAL
Cause:	LACK OF SYSTEM CAPACITY
Clean Up:	WATER HAS NOT RECEDED
Control Zone:	PLACED TEMPORARY SIGNS AROUND IMPACTED AREA
Impact:	CLEAR WATER COMING OUT OF MANHOLE
Repair:	NO FURTHER ACTION NEEDED BY MSD PERSONNEL
Public Notification:	ADVISED CUSTOMER ON SITE

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	22370	6615 MOORMAN RD		MILL CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337813		4/3/15 11:30 am	SINGLETON	OPS BSHIFT WEST	DOCUMENTED	12/19/2002	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 10:10 AM	

**Discharge Reporting:**

Discharge Amount:	465,500 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	CLEAN UP NOT POSSIBLE AT THIS TIME DUE TO AREA FLOODING. MSD WILL CLEAN AS SOON AS POSSIBLE. DISCLN #2339908
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:03 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	25479	6102 COOPER CHAPEL RD		PENNSYLVANIA RUN	CATCH BASIN

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337505		4/2/15 5:20 pm	GREEN	OPS CSHIFT	DOCUMENTED	06/19/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 02:30 AM	

**Discharge Reporting:**

Discharge Amount:	99,500 GAL
Cause:	Rain event caused a lack of system capacity
Clean Up:	MSD cleaned & sanitized the area
Control Zone:	temporary signs posted
Impact:	sewage observed
Repair:	this location is included in the ioap
Public Notification:	MSD used temporary signs to warn the public

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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 #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337554		4/3/15 2:00 am	SINGLETON	OPS ASHIFT	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 02:45 AM	

**Discharge Reporting:**

Discharge Amount:	37,125 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS PLACED
Impact:	SEWAGE OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE IOAP
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337526		4/2/15 5:42 pm	DAVIS	MATTHEWS	DOCUMENTED	11/15/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 06:48 AM	

**Discharge Reporting:**

Discharge Amount:	55,500 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	tape and temp signs
Impact:	sewage
Repair:	included in ioap
Public Notification:	door cards

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	27628	1081 SPRINGVIEW DR		FILSON FORK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2338298		4/3/15 4:00 pm	DAVIS	MATTHEWS	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 10:10 PM	

**Discharge Reporting:**

Discharge Amount:	9,000 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	caution tape and temp signs
Impact:	discoloration in stream, hygiene products
Repair:	area included in ioap
Public Notification:	spoke with neighboring property owners, placed signs

**Notifications:**

4/11/15 1:12 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Treatment Center	Region
KY0078956	MSD0277	DEREK R. GUTHRIE	OHIO RIVER	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 #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337846		4/3/15 2:30 am	DAVIS	BOND JR	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 04:00 PM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected
Control Zone:	caution tape and temp signs
Impact:	discoloration in stream
Repair:	area included in msd's ioap
Public Notification:	door cards

**Notifications:**

4/11/15 1:03 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	29933	6926 SANDSTONE BLVD		FERN CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2338314		4/3/15 5:00 pm	DAVIS	HENDERSON	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 08:20 PM	

**Discharge Reporting:**

Discharge Amount:	20,000 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	tape signs
Impact:	debris discoloration in stream
Repair:	included in ioap
Public Notification:	door cards

**Notifications:**

4/11/15 1:15 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337826		4/3/15 2:30 am	DAVIS	BOND JR	DOCUMENTED	03/04/2008	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 08:00 AM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	caution tape and signs
Impact:	discoloration in stream, debris, sewage, solids
Repair:	included in ioap
Public Notification:	door cards

**Notifications:**

4/11/15 1:03 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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 #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337831		4/3/15 2:30 am	DAVIS	BOND JR	DOCUMENTED	03/09/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 11:00 AM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	temp signs
Impact:	discoloration in stream
Repair:	area included in IOAP
Public Notification:	notified customer by door card

**Notifications:**

4/11/15 1:03 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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 #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337836		4/3/15 2:30 am	DAVIS	BOND JR	DOCUMENTED	02/24/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 11:00 AM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	signs, tape advised customers on site
Impact:	discoloration in stream
Repair:	area located in ioap
Public Notification:	door cards

**Notifications:**

4/11/15 1:03 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	35309	5109 MARJORIE DR		MANSLICK BRANCH	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337851		4/3/15 2:30 am	DAVIS	BOND JR	DOCUMENTED	10/23/2007	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 04:00 PM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	tape and signs
Impact:	discoloration in stream
Repair:	area included in ioap
Public Notification:	signs

**Notifications:**

4/11/15 1:03 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	61266	4005 KIRBY LN		FERN CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337556		4/3/15 2:25 am	SINGLETON	OPS ASHIFT	DOCUMENTED	01/13/2013	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/05/15 10:59 PM	

**Discharge Reporting:**

Discharge Amount:	196,700 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	PERMANENT SIGNS ARE POSTED
Impact:	SEWAGE OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	PERMANENT SIGNS ARE POSTED AROUND THE AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	61667	9718 TITAN DR		MUD CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2338375		4/3/15 7:23 pm	DAVIS	MATTHEWS	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/03/15 10:25 PM	

**Discharge Reporting:**

Discharge Amount:	4,500 GAL
Cause:	lack of system capacity
Clean Up:	msd to clean and sanitize affected area
Control Zone:	signs
Impact:	lid up, discoloration in stream, debris
Repair:	included in ioap
Public Notification:	signage

**Notifications:**

4/11/15 1:27 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	64054	7014 JOHN PAUL LN		PENNSYLVANIA RUN	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337772		4/3/15 10:00 am	SINGLETON	OPS BSHIFT WEST	BEYOND APPROVED DESIGN STORM	04/03/2015	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 03:00 AM	

**Discharge Reporting:**

Discharge Amount:	102,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT IN THE AREA
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE & DEBRIS OBSERVED ON THE GROUND
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0049-PS	3706 NOBEL CT	ROSA TERRACE	MILL CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337702		4/3/15 9:45 am	SINGLETON	OPS BSHIFT WEST	DOCUMENTED	05/29/2012	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 05:00 PM	

**Discharge Reporting:**

Discharge Amount:	9,999 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS PLACED AROUND THE AREA
Impact:	NO IMPACT OBSERVED
Repair:	A SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IOAP
Public Notification:	TEMPORARY SIGNS PLACED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0130-PS	6102 COOPER CHAPEL RD	COOPER CHAPEL	FISHPOOL CREEK	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337502		4/2/15 5:20 pm	MARKS JR	OPS CSHIFT	DOCUMENTED	08/30/2005	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 02:30 AM	

**Discharge Reporting:**

Discharge Amount:	9,500 GAL
Cause:	rain event caused a lack of system capacity
Clean Up:	msd cleaned & sanitized the area
Control Zone:	temporary signs posted
Impact:	sewage observed
Repair:	this location is included in the ioap
Public Notification:	MSD used temporary signs to warn public

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD0164-LS	10807 ORELAND MILL RD	ORELAND MILL	PENNSYLVANIA RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337636		4/3/15 8:15 am	SINGLETON	OPS BSHIFT WEST	DOCUMENTED	03/27/2011	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 05:00 AM	

**Discharge Reporting:**

Discharge Amount:	62,250 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	MSD CLEANED & SANITIZED THE AREA
Control Zone:	TEMPORARY SIGN POSTED
Impact:	SEWAGE OBSERVED
Repair:	THE SOLUTION FOR THIS LOCATION CAN BE FOUND IN THE IAOP
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

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

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	2337552		4/3/15 4:10 am	SINGLETON	OPS ASHIFT	DOCUMENTED	12/15/2007	PUMPED OVERFLOW	UNAUTHORIZED DISCHAGE - WATERS	04/04/15 07:40 AM	

**Discharge Reporting:**

Discharge Amount:	4,966,000 GAL
Cause:	LACK OF SYSTEM CAPACITY DUE TO RAIN EVENT
Clean Up:	NO DEBRIS
Control Zone:	TEMPORARY SIGNS POSTED
Impact:	SEWAGE OBSERVED
Repair:	AUXILIARY PUMPS SET UP TO PREVENT BASEMENT FLOODING
Public Notification:	TEMPORARY SIGNS POSTED AROUND THE AFFECTED AREA

**Notifications:**

4/11/15 1:02 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org'
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Report Selections: Period: 04/01/2015 00:00 thru 04/30/2015 23:59, treatment Plant: MSD0277 DEREK R. GUTHRIE, Excluding PPI Excluding CSO Excluding LAT, Result: WUS, Act Code: DISDW, DISREV

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

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SLS Sewer Lift Station	MSD1147-PS	6500 MOUNT WASHINGTON RD	MOUNT WASHINGTON ROAD	PENNSYLVANIA RUN	DITCH

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2347523		4/26/15 7:50 pm	MARKS JR	OPS BSHIFT WEST	REPAIRED - ISSUE RESOLVED	04/26/2015	MECHANICAL FAILURE	UNAUTHORIZED DISCHAGE - WATERS	04/26/15 08:00 PM	

**Discharge Reporting:**

Discharge Amount:	750 GAL
Cause:	Contractor working at pump station conducting a pump around and the discharge hose on the contractors pump had a hole in it.
Clean Up:	Contractor cleaned and sanitized area
Control Zone:	temporary signs posted
Impact:	sewage observed
Repair:	Contractor replaced failed discharge hose on pump
Public Notification:	MSD used temporary signs to warn the public

**Notifications:**

4/27/15 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
4/26/15 1:00 pm	DISSNO	Supplemental Email notification of unauthorized discharge has been sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'

Total Facilities Printed: 22

Total Work Orders Printed: 22