

MSD

Metropolitan Sewer District

700 West Liberty Street
Louisville Kentucky 40203-1911
502-540-6000
www.msdlouky.org

July 17, 2014

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

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

Dear Ms. Edwards:

In accordance with the provisions of the KPDES Permit referenced above, the monthly Discharge Monitoring Report (DMR) and monthly Discharge (overflow) Reports for the reporting period June 1st to June 30th are provided through NetDMR. All permit requirements were met for the month of June, 2014.

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

Sincerely,



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

vg



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

DMR Copy of Record

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

Report Dates & Status					
Monitoring Period:	From 06/01/14 to 06/30/14	DMR Due Date:	07/28/14	Status:	NetDMR Validated

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

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

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type				
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units		
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	5.2					19 - mg/L	0	01/01 - Daily	GR - GRAB		
					Permit Req.					>=	2 INST MIN					19 - mg/L		01/01 - Daily	GR - GRAB		
					Value NODI																
00310	BOD, 5-day, 20 deg. C	E - Secondary/Biological Process Complete	0	--	Sample	=	8005	=	9247	26 - lb/d		=	13	=	16	19 - mg/L	0	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS		
					Value NODI																
00310	BOD, 5-day, 20 deg. C	G - Raw Sewage Influent	0	--	Sample	=	168756	=	203693	26 - lb/d		=	262	=	318	19 - mg/L	0	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/01 - Daily		CP - COMPOS			
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample					=	6.6			=	7	12 - SU	0	01/01 - Daily	GR - GRAB		
					Permit Req.						>=	6 MINIMUM			<=	9 MAXIMUM		12 - SU	01/01 - Daily	GR - GRAB	
					Value NODI																
00530	Solids, total suspended	E - Secondary/Biological Process Complete	0	--	Sample	=	5924	=	7397	26 - lb/d		=	10	=	11	19 - mg/L	0	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	30 MO AVG	<=	45 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS		
					Value NODI																
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample	=	150069	=	196828	26 - lb/d		=	228	=	310	19 - mg/L	0	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/01 - Daily		CP - COMPOS			
					Value NODI																
00610	Nitrogen, ammonia total [as N]	E - Secondary/Biological Process Complete	0	--	Sample	=	7895	=	9466	26 - lb/d		=	13	=	16.6	19 - mg/L	0	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d		<=	20 MO AVG	<=	30 MX WK AV	19 - mg/L		01/01 - Daily	CP - COMPOS		
					Value NODI																
00610	Nitrogen, ammonia total [as N]	G - Raw Sewage Influent	0	--	Sample	=	8899	=	9481	26 - lb/d		=	14.1	=	15.1	19 - mg/L	0	01/01 - Daily	CP - COMPOS		
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	26 - lb/d			Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/01 - Daily		CP - COMPOS			
					Value NODI																
50050	Flow, in conduit or thru treatment plant	E - Secondary/Biological Process Complete	0	--	Sample	=	71.67	=	92.52	03 - MGD							0	99/99 - Continuous	CN - CONTIN		
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								99/99 - Continuous	CN - CONTIN		
					Value NODI																
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									<	0.01	19 - mg/L	0	01/01 - Daily	GR - GRAB		
					Permit Req.											<=		.019 DAILY MX	19 - mg/L	01/01 - Daily	GR - GRAB
					Value NODI																
74055	Coliform, fecal general	1 - Effluent Gross	1	--	Sample						=	24	=	31	13 - #/100mL	0	XX/XX - Frequency as Reported	GR - GRAB			
					Permit Req.							<=	200 30DA GEO	<=	400 7 DA GEO		13 - #/100mL	01/01 - Daily	GR - GRAB		
					Value NODI																
81010	BOD, 5-day, percent removal	K - Percent Removal	0	--	Sample					=	94				23 - %	0	XX/XX - Frequency as Reported	CA - CALCTD			
					Permit Req.												>=	85 MO MIN	23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI																
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample					=	94				23 - %	0	XX/XX - Frequency as Reported	CA - CALCTD			
					Permit Req.												>=	85 MO MIN	23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI																

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

Edit Check Errors
 No errors.

Comments

Attachments

Name	Type	Size
MFWQTCCoverLetter062014.pdf	pdf	12822
MFWQTCMOR062014.pdf	pdf	33174
201406_MFWQTC_OverflowReport.pdf	pdf	86546

Report Last Saved By

MORRIS FORMAN WQTC MSD

User:	robin.burch@louisvillemsd.org	Date/Time:	2014-07-18 08:39 (Time Zone: -04:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

DMR Copy of Record

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

Report Dates & Status			
Monitoring Period:	From 06/01/14 to 06/30/14	DMR Due Date:	07/28/14
Status:	NetDMR Validated		

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

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

No Data Indicator (NODI)
 Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type	
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	0	--	Sample						=	34		=	47	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L		
					Value NODI													
00310	BOD, 5-day, 20 deg. C	F - Primary/Preliminary Process Complete	0	--	Sample						=	230		=	291	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L		
					Value NODI													
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	50		=	58	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L		
					Value NODI													
00530	Solids, total suspended	F - Primary/Preliminary Process Complete	0	--	Sample						=	175		=	206	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L		
					Value NODI													
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	0	--	Sample						=	13.9		=	16.6	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L		
					Value NODI													
00610	Nitrogen, ammonia total [as N]	F - Primary/Preliminary Process Complete	0	--	Sample						=	18.4		=	19.9	19 - mg/L	04/30 - Four Per Month WH/DS - When Discharging	CP - COMPOS CP - COMPOS
					Permit Req.											19 - mg/L		
					Value NODI													
50050	Flow, in conduit or thru treatment plant	F - Primary/Preliminary Process Complete	0	--	Sample	=	17.82	=	0	03 - MGD						04/30 - Four Per Month WH/DS - When Discharging	CN - CONTIN CN - CONTIN	
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD					0			
					Value NODI													

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

Edit Check Errors
 No errors.

Comments

Attachments
 No attachments.

Report Last Saved By
MORRIS FORMAN WQTC MSD

User:	robin.burch@louisvillemsd.org	Date/Time:	2014-07-18 08:41 (Time Zone: -04:00)
Name:	Robin Burch		
E-Mail:	robin.burch@louisvillemsd.org		

DMR Copy of Record

Permit

Permit #:	KY0022411	Permittee:	MORRIS FORMAN WQTC MSD	Facility:	MORRIS FORMAN WQTC MSD
Major:	Yes	Permittee Address:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211	Facility Location:	4522 ALGONQUIN PKWY LOUISVILLE, KY 40211
Permitted Feature:	001 External Outfall	Discharge:	001-Y BIOMONITORING/ONCE PER QUARTER		

Report Dates & Status

Monitoring Period:	From 04/01/14 to 06/30/14	DMR Due Date:	07/28/14	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	Greg	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	Heitzman				

No Data Indicator (NODI)

Form NODI: --

Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type			
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units	
00900	Hardness, total [as CaCO3]	1 - Effluent Gross	0	--	Sample						=	319		=	319	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01025	Cadmium, dissolved [as Cd]	1 - Effluent Gross	0	--	Sample						<	0.003		<	0.003	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01040	Copper, dissolved [as Cu]	1 - Effluent Gross	0	--	Sample						<	0.007		<	0.007	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01049	Lead, dissolved [as Pb]	1 - Effluent Gross	0	--	Sample						<	0.008		<	0.008	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01090	Zinc, dissolved [as Zn]	1 - Effluent Gross	0	--	Sample						<	0.07		<	0.07	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.07		<	0.07	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01113	Cadmium, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.003		<	0.003	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.008		<	0.008	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample						<	0.007		<	0.007	19 - mg/L	0	01/90 - Quarterly	CP - COMPOS	
					Permit Req.													01/90 - Quarterly	CP - COMPOS	
					Value NODI															
61406	Toxicity, final conc toxicity units	1 - Effluent Gross	0	--	Sample									<	1	2F - tox acute	0	01/90 - Quarterly	G2 - GRAB-2	
					Permit Req.										<=	1 DAILY MX		2F - tox acute	01/90 - Quarterly	G2 - GRAB-2
					Value NODI															

Submission Note

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

Edit Check Errors

No errors.

Comments

Attachments

No attachments.

Report Last Saved By

MORRIS FORMAN WQTC MSD

User: robin.burch@louisvillemsd.org

Date/Time: 2014-07-18 08:55 (Time Zone: -04:00)

Name: Robin Burch

E-Mail: robin.burch@louisvillemsd.org

MORRIS FORMAN WASTEWATER TREATMENT PLANT

JEFFERSON COUNTY, KY

Month of Jun-14

Average Flow

SETTLING TANKS	Primary	Secondary		
		Battery A	Battery B	Battery C
Average Flow (MGD)	76.43	19.71	22.00	10.52
Tanks in Service	4.00	6.0	7.9	4.0
Surface Area (Ft.2)	77000.00	51900.00	68531.24	34600.00
Volume (MG)	8.33	5.32	7.02	3.54
Weir Length (Ft.)	2860.00	2151.00	2840.28	1434.00
Avg. Weir Overflow (GPD/Ft)	26723.78	9164.46	7746.64	7339.43
Avg. Settling Rate (GPD/Ft2)	992.60	562.45	482.73	427.16
Avg. Detention Time	2.62	6.47	7.66	8.08

AERATION TANKS

	Battery A	Battery B	Battery C
Volume (Gallons)	4200000	4200000	2100000
Avg. Flow (MGD)	29.19	33.08	14.78
Avg. Detention Time (Hours)	5.11	4.58	4.79

CHLORINE CONTACT CHAMBERS

Contact Chambers in Use	2.0
Volume (Gallons)	2340000
Avg. Detention Time (Hours)	1.42

Remarks: BY-PASS REPORTS (See Attached)

Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SSL Sewer Service Line	110202	4164 WESTPORT RD		MUDDY FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2183406		6/20/14 12:15 pm	WOODS JR	WOODS JR	REPAIRED - ISSUE RESOLVED	06/20/2014	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHARGE - WATERS	06/20/14 02:02 PM	

Discharge Reporting:

Discharge Amount:	200 GAL
Cause:	UNKNOWN AT THIS TIME; SUSPECTED BROKEN PIPE IN MSD'S PORTION OF THE PROPERTY SERVICE CONNECTION
Clean Up:	UNKNOWN AT THIS TIME
Control Zone:	MSD PERSONELL ADVISED CUSTOMER TO REFRAIN FROM USING FACILITIES UNTIL FURTHER NOTICE. ALSO TO AVOID CONTACT WITH SEWAGE.
Impact:	MSD PERSONNEL OBSERVED SEWAGE ENTERING INTO THE PRIVATE STORM SERVICE FROM A TAP IN THE STORM LINE
Repair:	MAINTENANCE REPAIRED PROPERTY SERVICE CONNECTION
Public Notification:	ADVISED CITY OF ST MATTHEWS OF FINDINGS BY PHONE OF FINDINGS

Notifications:

6/19/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMN Sewer Main	27923	4818 PARTRIDGE RUN		POND CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2183507		6/21/14 7:10 pm	JOHNSON	JOHNSON	REPAIRED - ISSUE RESOLVED	06/21/2014	OBSTRUCTION-N OT GREASE / ROOTS	UNAUTHORIZED DISCHAGE - WATERS	06/21/14 07:40 PM	

Discharge Reporting:

Discharge Amount:	10 GAL
Cause:	OBSTRUCTION IN MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND IMPACTED AREA
Impact:	SEWAGE/WATER DISCHARGING FROM CLEAN OUT INTO THE DITCH
Repair:	REFERRED TO TV CREW FOR FURTHER INSPECTION
Public Notification:	ADVISED CUSTOMER ON SITE

Notifications:

6/21/14 1:00 am	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	52508	1701 NORTHWESTERN PKY		OHIO RIVER	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW:DRY WEATHER DISCHARGE	2182608		6/18/14 12:31 pm	MCWHORTER	CARSONE	REPAIRED - ISSUE RESOLVED	06/18/2014	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHAGE - WATERS	06/18/14 02:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	30 GAL
Cause:	UTILITY DAMAGED MSD ASSET CAUSING SEWAGE WATER TO ESCAPED
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA
Control Zone:	SIGNS AND CAUTION TAPE PLACED AROUND THE IMPACTED AREA
Impact:	SEWAGE WATER FLOWED INTO THE GUTTER OF NORTHWESTERN PKWY INTO A NEARBY CATCH BASIN
Repair:	THE PUMP WAS SHUT DOWN, AND 3 INCH PIPING WAS EXTENDED INTO THE DOWNSTREAM MANHOLE
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

6/16/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	73006	200 OXMOOR LN		MIDDLE FORK BEARGRASS CREEK	GROUND

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2178613		6/7/14 1:32 pm	WHITFIELD-BA	HEID KER	REPAIRED - ISSUE RESOLVED	06/07/2014	ROOTS	UNAUTHORIZED DISCHARGE - WATERS	06/07/14 02:45 PM	MAIN

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	ROOT OBSTRUCTION IN MAIN SEWER
Clean Up:	MSD PERSONNEL CLEANED THE IMPACTED AREA
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA
Impact:	OBSERVED SEWAGE AND DEBRIS IN THE CREEK
Repair:	WORK ORDERS 2178637; 2178619; FLUSHED, ROOT CUT TO OPEN THE LINE; DILUTED THE CREEK AND ADDED LIME TO THE BANK OF THE CREEK IN THE DISCHARGED AREA
Public Notification:	ADVISED CUSTOMER BY DOOR CARD & PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA

Notifications:

6/6/14 1:00 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO118	914 E BROADWAY		SOUTH FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2177176		6/5/14 10:00 pm	GRIFFITH	GRIFFITH	REPAIRED - ISSUE RESOLVED	06/05/2014	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	06/05/14 11:15 PM	

Discharge Reporting:

Discharge Amount:	2,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-WATER MAIN BREAK
Clean Up:	NONE NEEDED DUE TO FRESH WATER MAIN BREAK
Control Zone:	NONE NEEDED
Impact:	NO IMPACT OBSERVED DUE TO FRESH WATER MAIN BREAK
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH LOCAL MEDIA TO AVOID CONTACT WITH DISCHARGE

Notifications:

5/30/14 1:01 pm	DISNOT	Email notification of unauthorized discharge sent to 'DischargeNotices@louisvillemsd.org, Sayre.Dennis@epamail.epa.gov'
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Report Selections: Period: 06/01/2014 00:00 thru 06/30/2014 23:59, treatment Plant: MSD0278 MORRIS FORMAN, 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
KY0022411	MSD0278	MORRIS FORMAN	OHIO RIVER	WEST

Facility Type	Facility ID	Facility Address	If Pump Station, Name of Pump Station:	Receiving Stream	Discharge to
SMH Sewer Manhole	CSO141	361 BAXTER AVE		SOUTH FORK BEARGRASS CREEK	STREAM

Activity Code / Description	WO #	Ref No	Initiated	Initiated By	Assigned To	Disch Status	Event Date	Problem	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	2177174		6/5/14 4:15 pm	GRIFFITH	GRIFFITH	REPAIRED - ISSUE RESOLVED	06/05/2014	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE - WATERS	06/05/14 04:45 PM	

Discharge Reporting:

Discharge Amount:	5,000 GAL
Cause:	LACK OF SYSTEM CAPACITY-WATER MAIN BREAK
Clean Up:	NONE NEEDED DUE TO FRESH WATER MAIN BREAK
Control Zone:	NONE NEEDED
Impact:	NO IMPACT OBSERVED DUE TO FRESH WATER MAIN BREAK
Repair:	LOCATION INCLUDED IN THE IOAP
Public Notification:	PUBLIC NOTIFIED THROUGH LOCAL MEDIA TO AVOID CONTACT WITH DISCHARGE

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Total Facilities Printed: 6

Total Work Orders Printed: 6