



700 West Liberty Street | Louisville, KY 40203-1911
Phone: 502.540.6000 | LouisvilleMSD.org

August 25th, 2025

Crystal Dennis
300 Sower Blvd., 3rd Floor
Frankfort, Kentucky 40601

**RE: Willabrook STP, KPDES No: KY0094307
Discharge Monitoring Report for July 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Willabrook WQTC, for the month of July 2025.

Overflow report attached. There were no bypasses.

There were 4 exceedances. One for ammonia monthly average with a limit of 2 mg/L with a result of 4.63 mg/L, one for ammonia daily maximum with a limit of 3 mg/L with a result of 15.2 mg/L, one for BOD5 monthly average with a limit of 10 mg/L with a result of 14 mg/L and one for BOD5 maximum weekly average with a limit of 15 mg/L with a result of 30 mg/L. The plant was denied electrical utility service and was running on a generator, limiting blower capacity. Electrical utility was restored and the plant is now back in compliance.

If you have any questions concerning the attached DMR's, please contact me at (502) 919-5794.

Sincerely,

Scott Reed
Process Supervisor

SR/WB 6/25.

Cc: V. Teague, B. Tinnel

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

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments**Attachments**

Name	Type	Size
July_2025_All_services_areas.pdf	pdf	103600.0
WBCoverLetter7_25.pdf	pdf	44834.0

Report Last Saved By**Louisville and Jefferson County MSD**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2025-08-27 09:36 (Time Zone: -04:00)

Report Last Signed By

User: REED0325
 Name: Scott Reed
 E-Mail: reeds@louisvillemmsd.org
 Date/Time: 2025-08-27 10:05 (Time Zone: -04:00)



KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0106143	WQTCOR	OHIO RIVER WQTC	OHIO RIVER	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Main	122216-T	1500 GOSHEN LN	LITTLE HUCKLEBERRY CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3975603		7/18/2025 3:25:00 PM	SOSA RODRIGUEZ	SOSA RODRIGUEZ	REPAIRED - ISSUE RESOLVED	7/18/2025 12:00:00 AM	UTILITY DAMAGED MSD ASSET	UNAUTHORIZED DISCHARGE-WATERS	07/18/25 09:23 PM	

Discharge Reporting:

Discharge Amount:	1,000 GAL
Cause:	UTILITY DAMAGED MSD ASSET.
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	NO IMPACT OBSERVED.
Repair:	REPAIRED THE FORCE MAIN.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/19/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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**IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0106143	WQTCOR	OHIO RIVER WQTC	OHIO RIVER	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Valve	122447-V	2551 MAYO LN	POND CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3966390		7/13/2025 6:45:00 PM	MILES	WILLETT	REPAIRED - ISSUE RESOLVED	7/13/2025 12:00:00 AM	STRUCTURAL FAILURE	UNAUTHORIZED DISCHARGE-WATERS	07/13/25 07:00 PM	

Discharge Reporting:

Discharge Amount:	3,750 GAL
Cause:	ARV RUSTED OFF FORCE MAIN.
Clean Up:	AREA DISINFECTED WITH LIME.
Control Zone:	PLACED SIGNS AROUND THE IMPACTED AREA.
Impact:	DEBRIS OUTSIDE OF VALVE VAULT.
Repair:	REMOVED BROKEN PIPE NIPPLE AND REPLACED VALVE AND NIPPLE.
Public Notification:	PLACED SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/14/25 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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**IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0078956	WQTC DG	DEREK R. GUTHRIE WQTC	OHIO RIVER	JEFFERSON

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Manhole	35424	8322 ST ARMANDS CT	FISHPOOL CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISDW: DRY WEATHER DISCHARGE	3976261		7/23/2025 11:45:00 AM	GIBSON		REPAIRED - ISSUE RESOLVED	7/23/2025 12:00:00 AM	OBSTRUCTION-NOT GREASE / ROOTS	UNAUTHORIZED DISCHARGE-WATERS	07/23/25 01:00 PM	MAIN

Discharge Reporting:

Discharge Amount:	10 GAL
Cause:	OBSTRUCTION IN MAIN SEWER.
Clean Up:	MSD PERSONNEL CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	MSD PERSONNEL ADVISED THE CUSTOMER TO AVOID CONTACT WITH SEWAGE.
Impact:	SEWAGE/WATER DISCHARGING FROM MANHOLE.
Repair:	FLUSHED THE OBSTRUCTION / DEBRIS FROM THE SEWER 3976262.
Public Notification:	ADVISED CUSTOMER ON SITE.

Notifications:

7/24/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO: DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0094307	WQTCWB	WILLABROOK WQTC	BROOKS RUN	BULLITT

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Lift Station	SSPSWB-MATL	3955 E BLUE LICK RD	BROOKS RUN	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3975654		7/18/2025 2:30:00 AM	SOSA RODRIGUEZ	SOSA RODRIGUEZ	DOCUMENTED	1/1/1992 12:00:00 AM	LACK OF SYSTEM CAPACITY	UNAUTHORIZED DISCHARGE-WATERS	07/21/25 07:42 AM	

Discharge Reporting:

Discharge Amount:	88,700 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO ELEVATED CREEK LEVEL.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	NO IMPACT OBSERVED - FACILITY UNDER ELEVATED CREEK LEVEL.
Repair:	A SOLUTION FOR THIS LOCATION IS INCLUDED IN THE INTEGRATED OVERFLOW ABATEMENT PLAN.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/19/25 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/19/25 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



**IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM**

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034169	WQTCH2	HILLVIEW #2 WQTC	BROOKS RUN	BULLITT

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Treatment Plant	WQTCH2	376 NORWOOD DR	BROOKS RUN	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3967184		7/16/2025 6:52:00 AM	REED		DOCUMENTED	12/6/2021 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	07/16/25 09:51 AM	

Discharge Reporting:

Discharge Amount:	4,475 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	MSD CONTRACTOR CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	CONTAINED ON MSD PROPERTY.
Impact:	LIGHT DEBRIS IN DITCH.
Repair:	RAIN SLOWED, PUMP STATION CAUGHT UP.
Public Notification:	SIGNS POSTED ON FENCE.

Notifications:

7/16/25 1:00 PM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/16/25 1:00 PM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0034169	WQTCH2	HILLVIEW #2 WQTC	BROOKS RUN	BULLITT

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Treatment Plant	WQTCH2	376 NORWOOD DR	BROOKS RUN	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3975676		7/19/2025 3:48:00 PM	REED		DOCUMENTED	12/6/2021 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	07/19/25 10:44 PM	

Discharge Reporting:

Discharge Amount:	10,400 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	OVERFLOW CONTAINED ON MSD PROPERTY.
Impact:	LIGHT DEBRIS IN DITCH.
Repair:	RAIN SLOWED, PUMP STATION CAUGHT UP.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

7/20/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0076813	WQTCMV	MOCKINGBIRD VALLEY WQTC	DARBY CREEK	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Treatment Plant	WQTCMV	1119 CEDAR POINT RD	DARBY CREEK	GROUND

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3968394		7/17/2025 5:42:00 PM	REED		REPAIRED - ISSUE RESOLVED	7/17/2025 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	07/17/25 08:30 PM	

Discharge Reporting:

Discharge Amount:	100 GAL
Cause:	POWER OUTAGE (LG&E).
Clean Up:	NO CLEAN UP PERFORMED – PIPE DISCHARGING UNDERWATER, DIRECTLY INTO STREAM.
Control Zone:	OVERFLOW CONTAINED ON MSD PROPERTY.
Impact:	NONE OBSERVED.
Repair:	ADDED CHLORINE AND DECHLORINATION TABLETS.
Public Notification:	ADVISED CUSTOMER BY DOOR CARD.

Notifications:

7/18/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
7/18/25 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION



IMSAST0004
Overflow Report
7/1/2025 12:00:00 AM to 7/31/2025 12:00:00 AM

KPDES #	Facility ID	Water Quality Treatment Center	Receiving Stream of Discharge	Region
KY0111716	WQTCSO	SOUTH OLDHAM WQTC	SOUTH FORK HARRODS CREEK	OLDHAM

Facility Type	Facility ID	Facility Address	Receiving Stream	Discharge To
Sewer Treatment Plant	WQTCSO	6115 HITT LN	SOUTH FORK HARRODS CREEK	STREAM

Activity Code / Description	WO #	Ref #	Initiated on	Initiated By	Assigned To	Dish Status	Event Date	Problem Desc	Result	Completed	Condition
DISREV:RAIN EVENT DISCHARGE	3968397		7/17/2025 7:30:00 PM	SMITHER	SMITHER	REPAIRED - ISSUE RESOLVED	7/17/2025 12:00:00 AM	BYPASS AT WQTC	UNAUTHORIZED DISCHARGE-WATERS	07/17/25 07:35 PM	

Discharge Reporting:

Discharge Amount:	10,000 GAL
Cause:	ELECTRICAL PROBLEM WITH MSD EQUIPMENT/ASSET, UV FAULTED AND NO EQ PUMPS WERE RUNNING.
Clean Up:	CLEANED AND SANITIZED THE IMPACTED AREA.
Control Zone:	OVERFLOW CONTAINED ON MSD PROPERTY.
Impact:	SEWAGE/DEBRIS/SOLIDS/PERSONAL HYGIENE PRODUCTS FOUND ON THE GROUND.
Repair:	RESET EQUIPMENT AND GOT PLANT BACK TO NORMAL OPERATING LEVEL.
Public Notification:	OVERFLOW CONTAINED ON MSD PROPERTY.

Notifications:

7/18/25 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV
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