

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

October 10th, 2023

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

RE: ASH AVE STP, KPDES No: KY0024724

Discharge Monitoring Report for September 2023.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the ASH AVE STP, for the month September 2023.

There were no overflows or bypasses.

There are five exceedances, TSS monthly average limit of 30.0 with a result of 49.0, TSS maximum weekly average of 45.0 with a result of 83.0. BOD monthly average limit of 10.0 with a result of 13.0, Ammonia monthly average limit of 2.0 with a result of 2.7, Ammonia daily maximum of 3.0 with a result of 6.7.

Ash Ave WQTC is no longer taking flow and the influent flow is now being processed at Floyds Fork WQTC as of 10/4/2023. We will be submitting the no discharge certification shortly.

If you have any questions concerning the attached DMR's, please contact me at (502)264-2804.

Sincerely,

Alex Smither Process Supervisor

CAS/AA 9/23

Cc: V. Teague, B. Tinnel

## **DMR Copy of Record**

Permit

KY0024724 Permit #:

Louisville and Jefferson County MSD

700 W Liberty St Louisville, KY 40203

Facility: ASH AVENUE WWTP

No Major:

Permittee Address:

Permittee:

Title:

**Facility Location:** 

Status:

CRESTWOOD, KY 40014

**Permitted Feature:** 

001

External Outfall

Discharge: 001-1 SANITARY WASTEWATER

Report Dates & Status

From 09/01/23 to 09/30/23 **Monitoring Period:** 

DMR Due Date:

**NetDMR Validated** 

**Considerations for Form Completion** 

Principal Executive Officer

First Name: Tony

Parrott

**Executive Director** 

10/28/23

Telephone: 502-540-6533

No Data Indicator (NODI)

Last Name:

Form NODI:

	Parameter	Monitoring Location	Season	# Param. NOD	I		Qu	antity or Loa	•					Quality or Conce				# of Ex. Fi	requency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	2 Value 2	Qualifier 3	Value 3	Units			
00300 <b>O</b> xy					Sample							7.2					19 - mg/L			GR - GRAB
	Oxygen, dissolved [DO]	1 - Effluent Gross	0		Permit Req.						>=	7.0 INST MIN	1				19 - mg/L	01	/07 - Weekly	GR - GRAB
					Value NODI															
					Sample						=	7.0			=	7.3	12 - SU	01	/07 - Weekly	GR - GRAB
00400 <b>pH</b>	1 - Effluent Gross	0		Permit Req.						>=	6.0 MINIMUN	1		<=	9.0 MAXIMUM	12 - SU	01	/07 - Weekly	GR - GRAB	
00+00	pri	1 Emachi Gross			Value NODI															
					Sample								=	49.0	=	83.0	19 - mg/L	01	/07 - Weekly	CP - COMPO
X <sub>00530</sub> Solids, total suspended	Solids total suspended	1 - Effluent Gross	s 0		Permit Req.								<=				19 - mg/L			CP - COMPO
	Solius, total suspended	1 - Elliuent Gross			Value NODI												_			
					Sample								=	35.3	=	40.2	19 - mg/L	01	/07 - Weekly	CP - COMPO
	Nitropon total for NI	4 500 . 0			Permit Req.									Reg Mon MO AVG		Reg Mon DAILY MX			,	CP - COMPO
00600	Nitrogen, total [as N]	1 - Effluent Gross	U	-	Value NODI												- 3		,	
V Nitrogra		1 - Effluent Gross			Sample								=	2.7	=	6.7	19 - mg/L	01	/07 - Weekly	CP - COMPO
	Nitropon ammonia total for NI		1		Permit Reg.								<=	2.0 MO AVG			19 - mg/L		,	CP - COMPO
X 00610	00610 Nitrogen, ammonia total [as N]	1 - Elliuelli Gloss	'		Value NODI												Ū		,	
					Sample								=	6.4	=	6.9	19 - mg/L	01	/07 - Weekly	CP - COMPO
00665 Phosphorus, total [as P]	1 - Effluent Gross	0		Permit Req.									Reg Mon MO AVG		Reg Mon DAILY MX			•	CP - COMPO	
00000	rnosphorus, total [as r]	1 - Elliuelli Gioss	U		Value NODI									·					,	
					Sample	= (	0.102	= (	).479	03 - MGD								01	/07 - Weekly	IN - INSTAN
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0		Permit Req.		Reg Mon MO AVG		Reg Mon MX WK AV											IN - INSTAN
50050 Flo					Value NODI														,	
					Sample								<	0.01	<	0.01	19 - mg/L	01	/07 - Weekly	GR - GRAB
E0060	Chlorine, total residual	1 - Effluent Gross	0	-	Permit Reg.								<=	0.011 MO AVG			19 - mg/L			GR - GRAB
50060					Value NODI														,	
					Sample								=	37.7	=	222.0	13 - #/100mL	01	/07 - Weekly	GR - GRAB
	F coli	4 Effluent Crass			Permit Reg.								<=	130.0 30DA GEO			13 - #/100mL			GR - GRAB
51040	E. coli	1 - Effluent Gross	U		Value NODI														,	
					Sample								=	13.0	=	15.0	19 - mg/L	01	/07 - Weekly	CP - COMPOS
V					Permit Req.								= <=				19 - mg/L 19 - mg/L			CP - COMPOS
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0										\=	10.0 WO AVG	\- <u>-</u>	13.0 IVIA VVICAV	19 - IIIg/L	01	701 - WEERIY	CI - COIVIPO
					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**

Parameter		Monitoring Location	Field	Tymo	Description	
Code	Name	Monitoring Location	Fleid	Туре	Description	Acknowledge
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
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

00610 Nitrogen, ammonia total [as N]	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit	ovided is correct.	Yes				
00530 Solids, total suspended	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.						
00530 Solids, total suspended	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.						
Comments										
Attachments										
		Name			Туре	Size	e			
AshAve_Cover_9_23.pdf				pdf		44761.0				
Report Last Saved By										
Louisville and Jefferson County MSD										
User:	ALEX.SMITHER@LOUISVILLEMSD.ORG									
Name:	Charles Smither									
E-Mail:	alex.smither	@louisvillemsd.org								
Date/Time:	2023-10-10	12:37 (Time Zone: -04:00)								
Report Last Signed By										
Jser:	ALEX.SMITH	HER@LOUISVILLEMSD.ORG								
Name:	Charles Sr	nither								
E-Mail:	alex.smither	@louisvillemsd.org								

2023-10-10 12:37 (Time Zone: -04:00)

Date/Time:

## **DMR Copy of Record**

Permit KY0024724 Louisville and Jefferson County MSD Facility: ASH AVENUE WWTP Permit #: Permittee: No 700 W Liberty St **Facility Location:** Major: **Permittee Address:** Louisville, KÝ 40203 CRESTWOOD, KY 40014 **Permitted Feature:** 001 Discharge: 001-2 External Outfall QUARTERLY Report Dates & Status **DMR Due Date:** Status: **Monitoring Period:** From 07/01/23 to 09/30/23 10/28/23 **NetDMR Validated Considerations for Form Completion** Principal Executive Officer First Name: Tony Title: **Executive Director** Telephone: 502-540-6533 Last Name: Parrott No Data Indicator (NODI) Form NODI: 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 CP - COMPOS Sample 2G - tox chronic 01/90 - Quarterly CP - COMPOS 1.0 MAXIMUM 2G - tox chronic 01/90 - Quarterly Permit Req. 61406 **Toxicity, final conc toxicity units** 1 - Effluent Gross 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 Louisville and Jefferson County MSD User: ALEX.SMITHER@LOUISVILLEMSD.ORG Name: Charles Smither E-Mail: alex.smither@louisvillemsd.org Date/Time: 2023-10-23 12:12 (Time Zone: -04:00) Report Last Signed By User: ALEX.SMITHER@LOUISVILLEMSD.ORG Charles Smither Name: E-Mail: alex.smither@louisvillemsd.org Date/Time: 2023-10-23 12:12 (Time Zone: -04:00)