January 23, 2023

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

RE: **ASH AVE STP, KPDES No: KY0024724**
Discharge Monitoring Report for December 2022.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the ASH AVE STP, for the month December 2022. Also attached is fourth quarter is biomonitoring.

There were no overflows or bypasses.

There were 7 exceedances,

TSS monthly average limit 30.O mg/L with a result of 57.0 mg/L.
TSS maximum weekly average 45.0 mg/L with a result of 76.0 mg/L.
BOD monthly average limit 10.0 mg/L with a result of 16.0 mg/L
BOD maximum weekly average limit of 15.0 mg/L with a result of 18.0 mg/L.
Nitrogen ammonia monthly average 7.0 mg/L with a result of 33.55 mg/L.
Nitrogen ammonia daily maximum 10.5 mg/l with a result of 38.4 mg/L.
E.coli 30 Day GeoMean limit 130 #100mL with a result of 192 #100mL.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Curt Otto
Process Supervisor

CEO/ AA 12/22.

Cc: V. Teague, B. Tinnel

DMR Copy of Record

Permit

Permit #:	KY0024724	**Permittee:**	Louisville and Jefferson County MSD	**Facility:**	ASH AVENUE WWTP
Major:	No	**Permittee Address:**	700 W Liberty St Louisville, KY 40203	**Facility Location:**	KY 362 CRESTWOOD, KY 40014
Permitted Feature:	001 External Outfall	**Discharge:**	001-1 SANITARY WASTEWATER		

Report Dates & Status

Monitoring Period:	**From 12/01/22 to 12/31/22**	**DMR Due Date:**	**01/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer

First Name:	James	**Title:**	Executive Director	**Telephone:**	502-540-6000
Last Name:	Parrot				

No Data Indicator (NODI)

Form NODI: --

Parameter Code	Parameter Name	Monitoring Location	Season #	Param. NODI		Quantity or Loading Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Quality or Concentration Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units	# of Ex.	Frequency of Analysis	Sample Type
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.2					19 - mg/L		01/07 - Weekly	GR - GRAB
					Permit Req.						>=	7.0 INST MIN					19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.3			=	7.35	12 - SU		01/07 - Weekly	GR - GRAB
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB
					Value NODI															
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample						=	57.0			=	76.0	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.						<=	30.0 MO AVG			<=	45.0 MX WK AV	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample															CP - COMPOS
					Permit Req.							Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI							9 - Conditional Monitoring - Not Required This Period				9 - Conditional Monitoring - Not Required This Period				
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample						=	33.55			=	38.4	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.						<=	7.0 MO AVG			<=	10.5 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample						=	4.97			=	6.71	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Permit Req.							Req Mon MO AVG				Req Mon DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.155	=	0.617	03 - MGD									01/07 - Weekly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD									01/07 - Weekly	IN - INSTAN
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample						=	0.01			=	0.01	19 - mg/L		01/07 - Weekly	GR - GRAB
					Permit Req.						<=	0.011 MO AVG			<=	0.019 DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB
					Value NODI															
X 51040	E. coli	1 - Effluent Gross	0	--	Sample						=	192.0			=	104.0	13 - #/100mL		01/07 - Weekly	GR - GRAB
					Permit Req.						<=	130.0 30DA GEO			<=	240.0 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB
					Value NODI															CP -

							=	16.0		=	18.0		19 - mg/L	01/07 - Weekly	COMPOS
X 80082	**BOD, carbonaceous [5 day, 20 C]**	1 - Effluent Gross	0	--	**Sample**										
					Permit Req.		<=	10.0 MO AVG		<=	15.0 MX WK AV		19 - mg/L	01/07 - Weekly	CP - COMPOS
					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	Type	Description	Acknowledge
Code	**Name**					
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
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
51040	E. coli	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 limit. Please verify that the value you have provided 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.	Yes
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.	Yes

Comments

Attachments

Name	Type	Size
DEC22ASHCOVER.pdf	pdf	46346.0

Report Last Saved By

Louisville and Jefferson County MSD

User:	CURT.OTTO@LOUISVILLEMSD.ORG
Name:	Curt Otto
E-Mail:	curt.otto@louisvillemsd.org
Date/Time:	2023-01-23 10:54 (Time Zone: -05:00)

Report Last Signed By

User:	CURT.OTTO@LOUISVILLEMSD.ORG
Name:	Curt Otto
E-Mail:	curt.otto@louisvillemsd.org
Date/Time:	2023-01-23 10:54 (Time Zone: -05:00)

DMR Copy of Record

Permit					
Permit #:	**KY0024724**	**Permittee:**	Louisville and Jefferson County MSD	**Facility:**	ASH AVENUE WWTP
Major:	No	**Permittee Address:**	700 W Liberty St Louisville, KY 40203	**Facility Location:**	KY 362 CRESTWOOD, KY 40014
Permitted Feature:	001 External Outfall	**Discharge:**	**001-2** QUARTERLY		

Report Dates & Status					
Monitoring Period:	**From 10/01/22 to 12/31/22**	**DMR Due Date:**	**01/28/23**	**Status:**	**NetDMR Validated**

Considerations for Form Completion

Principal Executive Officer					
First Name:	James	**Title:**	Executive Director	**Telephone:**	502-540-6000
Last Name:	Parrot				

No Data Indicator (NODI)

Form NODI: --

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration								# of Ex.	Frequency of Analysis	Sample Type
Code	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units				
61406	**Toxicity, final conc toxicity units**	1 - Effluent Gross	0	--	Sample										<	1.0	2G - tox chronic			01/90 - Quarterly	CP - COMPOS
					Permit Req.										<=	1.0 MAXIMUM	2G - tox chronic			01/90 - Quarterly	CP - COMPOS
					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:	CURT.OTTO@LOUISVILLEMSD.ORG
Name:	Curt Otto
E-Mail:	curt.otto@louisvillemsd.org
Date/Time:	2023-01-23 08:36 (Time Zone: -05:00)

Report Last Signed By

User:	CURT.OTTO@LOUISVILLEMSD.ORG
Name:	Curt Otto
E-Mail:	curt.otto@louisvillemsd.org
Date/Time:	2023-01-23 10:54 (Time Zone: -05:00)