



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

January 24th, 2024

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

**RE: Pro Logics STP, KPDES No: KY0103900
Discharge Monitoring Report for December 2024.**

Dear Ms. Dennis:

Attached is the Discharge Monitoring Report (DMR) for the Pro Logics STP, for the month of December 2024.

There were no exceedances, bypasses, or discharges, for the month.

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

Sincerely,

A handwritten signature in black ink, appearing to read 'AS' or 'Alex Smither', written over a large, faint, yellow leaf-like graphic that serves as a background for the lower half of the page.

Alex Smither
Process Supervisor

CAS/ PRO 12/23.

Cc: V. Teague/B. Tinnell

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:
Major:

KY0103900
No

Permittee:
Permittee Address:

Louisville and Jefferson County MSD
700 W Liberty St
Louisville, KY 40203

Facility:
Facility Location:

BCSD HILLVIEW STP
285 BROOKS WAY
BROOKS, KY 40109

Permitted Feature:

001
External Outfall

Discharge:

001-1
Domestic Wastewater from a Publicly Owned Treatment Works

Report Dates & Status

Monitoring Period:

From 12/01/24 to 12/31/24

DMR Due Date:

01/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Total Nitrogen is the summation of the analytical results for Total Nitrates, Total Nitrites, and Total Kjeldahl Nitrogen

Principal Executive Officer

First Name:
Last Name:

Tony
Parrott

Title:

Executive Director

Telephone:

502-540-6533

No Data Indicator (NODI)

Form NODI:

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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			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample						=	7.0					19 - mg/L		01/07 - Weekly	GR - Grab
					Permit Req.						>=	7.0 INST MIN					19 - mg/L			
					Value NODI															
00400	pH	1 - Effluent Gross	0	--	Sample						=	6.7			=	7.6	12 - SU		01/07 - Weekly	GR - Grab
					Permit Req.						>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU			
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	2.63	=	4.754	26 - lb/d			=	6.0	=	6.0	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.	<=	37.53 MO AVG	<=	56.295 MX WK AV	26 - lb/d			<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L			
					Value NODI															
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample								=	86.0	=	145.0	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample								=	32.1	=	40.9	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample								=	44.0	=	55.7	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample								=	0.5	=	1.4	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.								<=	8.0 MO AVG	<=	12.0 DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	2	--	Sample								=	0.4	=	0.58	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.								<=	1.0 MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample								=	6.45	=	10.03	19 - mg/L		01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.									Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.049	=	0.122	03 - MGD									99/99 - Continuous	RE - Record (manual)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										

					Value NODI													
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample	=	0.055	=	0.13	03 - MGD							99/99 - Continuous	RE - Record (manual)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD							99/99 - Continuous	RE - Record (manual)
					Value NODI													
51040	E. coli	1 - Effluent Gross	0	--	Sample							=	1.0	=	2.0	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													
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	2.27	=	3.169	26 - lb/d		=	6.0	=	8.0	19 - mg/L	01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.	<=	12.51 MO AVG	<=	18.765 MX WK AV	26 - lb/d		<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L	01/07 - Weekly	24 - 24 Hour Composite
					Value NODI													
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample							=	127.0	=	168.0	19 - mg/L	01/07 - Weekly	24 - 24 Hour Composite
					Permit Req.								Req Mon MO AVG		Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - 24 Hour Composite
					Value NODI													
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample						=	95.7				23 - %	01/30 - Monthly	CA - Calculated
					Permit Req.						>=	85.0 MO AV MN				23 - %	01/30 - Monthly	CA - Calculated
					Value NODI													
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						=	93.0				23 - %	01/30 - Monthly	CA - Calculated
					Permit Req.						>=	85.0 MO AV MN				23 - %	01/30 - Monthly	CA - Calculated
					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
PROLOGIS_COVER_12_24.pdf	pdf	37553.0

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: 2025-01-24 14:30 (Time Zone: -05:00)

Report Last Signed By

User: ALEX.SMITHER@LOUISVILLEMSD.ORG

Name: Charles Smither

E-Mail: alex.smither@louisvillemSD.org

Date/Time: 2025-01-24 14:31 (Time Zone: -05:00)

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Permit

Permit #:

KY0103900

Major:

No

Permitted Feature:

001
External Outfall

Permittee:

Louisville and Jefferson County MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Discharge:

001-4
Annual Sampling Years 2 - 4

Facility:

BCSD HILLVIEW STP

Facility Location:

285 BROOKS WAY
BROOKS, KY 40109

Report Dates & Status

Monitoring Period:

From 01/01/24 to 12/31/24

DMR Due Date:

01/28/25

Status:

NetDMR Validated

Considerations for Form Completion

Requires a minimum of 3 samples. Annual sampling during years 2 through 4 of the permit term for those parameters required to be analyzed and reported on the application. The permittee shall report the No Discharge (NODI) 9 ? Conditional Monitoring Not Required This Period for years 1 and 5 of the permit.

Principal Executive Officer

First Name:

Tony

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6533

No Data Indicator (NODI)

Form NODI:

--

Code	Parameter	Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration						# of Ex.	Frequency of Analysis	Sample Type	
	Name					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3	Value 3	Units			
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample							=		17.19	=	25.3	15 - deg F		03/5Y - Three Every 5 Years	GR - Grab
					Permit Req.									Req Mon AVERAGE		Req Mon MAXIMUM	15 - deg F		03/5Y - Three Every 5 Years	GR - Grab
					Value NODI															
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample							<		5.0	<	5.0	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Permit Req.									Req Mon AVERAGE		Req Mon MAXIMUM	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample							=		0.483	=	2.58	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Permit Req.									Req Mon AVERAGE		Req Mon MAXIMUM	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Value NODI															
51449	Nitrogen, Kjeldahl Total	1 - Effluent Gross	0	--	Sample							=		1.335	=	10.3	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Permit Req.									Req Mon AVERAGE		Req Mon MAXIMUM	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Value NODI															
51450	Nitrite Plus Nitrate Total	1 - Effluent Gross	0	--	Sample							=		35.067	=	64.0	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Permit Req.									Req Mon AVERAGE		Req Mon MAXIMUM	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Value NODI															
70296	Solids, total dissolved [TDS]	1 - Effluent Gross	0	--	Sample							=		6.64	=	16.0	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Permit Req.									Req Mon AVERAGE		Req Mon MAXIMUM	19 - mg/L		03/5Y - Three Every 5 Years	24 - 24 Hour Composite
					Value NODI															

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Edit Check Errors

No errors.

Comments

Attachments

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Louisville and Jefferson County MSD	
User:	ALEX.SMITHER@LOUISVILLEMSD.ORG
Name:	Charles Smither
E-Mail:	alex.smither@louisvillemSD.org
Date/Time:	2025-01-27 08:25 (Time Zone: -05:00)
Report Last Signed By	
User:	ALEX.SMITHER@LOUISVILLEMSD.ORG
Name:	Charles Smither
E-Mail:	alex.smither@louisvillemSD.org
Date/Time:	2025-01-27 09:06 (Time Zone: -05:00)