



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

September 24, 2024

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

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

Dear Ms. Dennis:

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

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

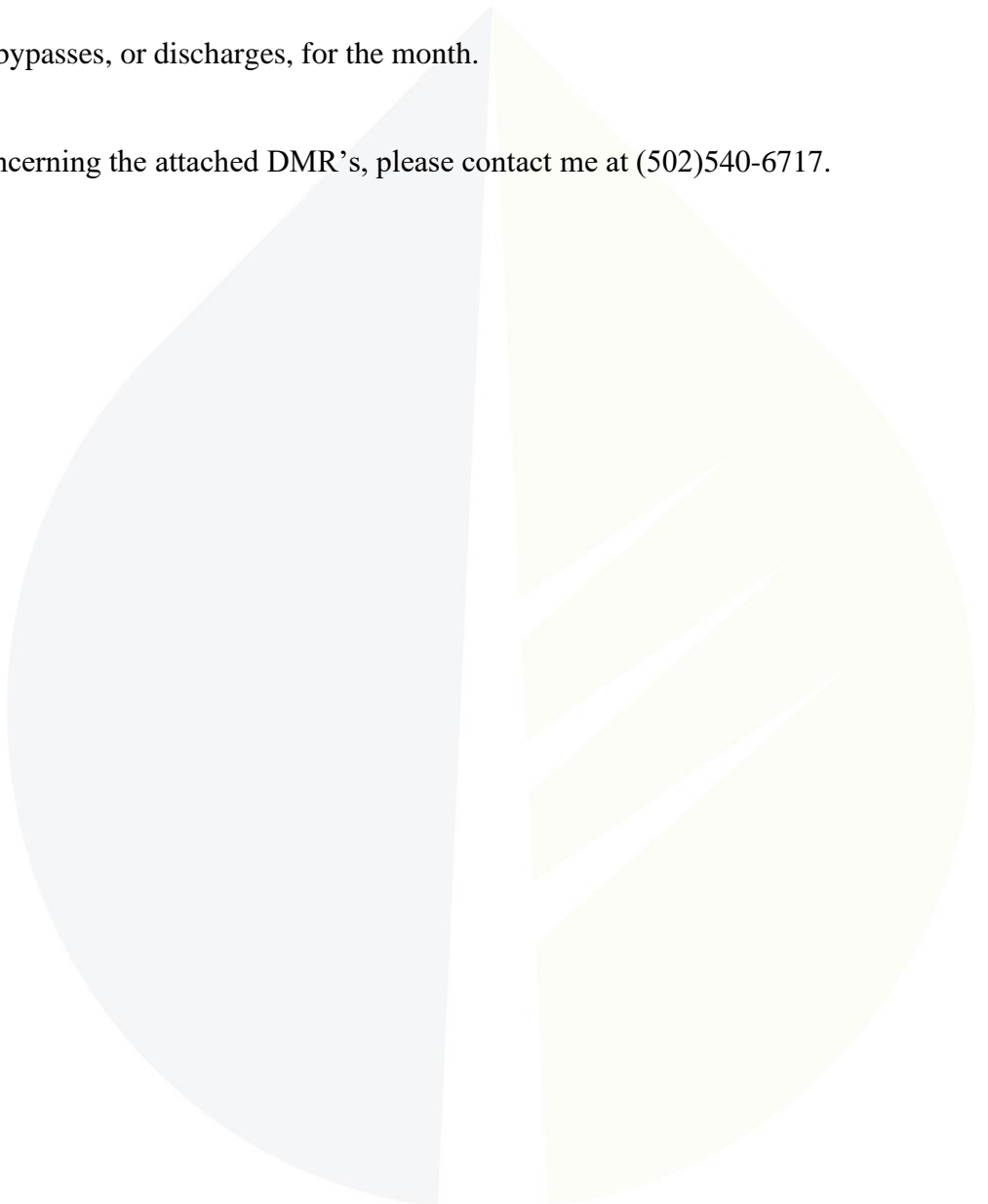
If you have any questions concerning the attached DMR's, please contact me at (502)540-6717.

Sincerely,

Jon Baldrige  
Process Supervisor

JOB/ PRO LOG 8/23.

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.

<b>Permit</b>			
<b>Permit #:</b>	<b>KY0103900</b>	<b>Permittee:</b>	Louisville and Jefferson County MSD
<b>Major:</b>	No	<b>Permittee Address:</b>	700 W Liberty St Louisville, KY 40203
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	<b>001-1</b> Domestic Wastewater from a Publicly Owned Treatment Works
<b>Facility:</b>		<b>Facility Location:</b>	BCSD HILLVIEW STP 285 BROOKS WAY BROOKS, KY 40109

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	<b>From 08/01/24 to 08/31/24</b>	<b>DMR Due Date:</b>	<b>09/28/24</b>
<b>Status:</b>	<b>NetDMR Validated</b>		

**Considerations for Form Completion**  
Total Nitrogen is the summation of the analytical results for Total Nitrates, Total Nitrites, and Total Kjeldahl Nitrogen

<b>Principal Executive Officer</b>			
<b>First Name:</b>	James A.	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Parrott	<b>Telephone:</b>	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	Units			
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	7.3					19 - mg/L	0	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					=	6.5				=	7.1	12 - SU	0	01/07 - Weekly	GR - GRAB		
					Permit Req.					>=	6.0 MINIMUM				<=	9.0 MAXIMUM	12 - SU		01/07 - Weekly	GR - GRAB		
					Value NODI																	
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	<	1.93	<	2.002	26 - lb/d			<	6.0	<	6.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24		
					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		01/07 - Weekly	24 - COMP24		
					Value NODI																	
00530	Solids, total suspended	G - Raw Sewage Influent	0	--	Sample							=	147.0	=	185.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Permit Req.														19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI																	
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample							=	43.68	=	45.65	19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Permit Req.															19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample							=	45.65	=	57.1	19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Permit Req.															19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample							=	1.0	=	3.4	19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Permit Req.															19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample							=	0.32	=	0.8	19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Permit Req.															19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample							=	5.39	=	7.21	19 - mg/L	0	01/07 - Weekly	24 - COMP24			
					Permit Req.															19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.042	=	0.125	03 - MGD							0	99/99 - Continuous	RE - Record (manual)			
					Permit Req.															99/99 - Continuous	RE - Record (manual)	

					Value NODI															
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--	Sample = 0.047 = 0.132 03 - MGD Permit Req. Req Mon MO AVG Req Mon DAILY MX 03 - MGD Value NODI													0	99/99 - Continuous RE - Record (manual) 99/99 - Continuous RE - Record (manual)	
51040	E. coli	1 - Effluent Gross	0	--	Sample = 1.0 = 2.0 13 - #/100mL Permit Req. <= 130.0 30DA GEO <= 240.0 7 DA GEO 13 - #/100mL Value NODI													0	01/07 - Weekly GR - GRAB 01/07 - Weekly GR - GRAB	
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample = 1.37 = 1.668 26 - lb/d = 4.0 = 5.0 19 - mg/L 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 Value NODI													0	01/07 - Weekly 24 - COMP24 01/07 - Weekly 24 - COMP24	
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--	Sample = 179.0 = 210.0 19 - mg/L Permit Req. Req Mon MO AVG Req Mon MX WK AV 19 - mg/L Value NODI													0	01/07 - Weekly 24 - COMP24 01/07 - Weekly 24 - COMP24	
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--	Sample = 97.6 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI													0	01/30 - Monthly CA - CALCTD 01/30 - Monthly CA - CALCTD	
81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample = 95.9 23 - % Permit Req. >= 85.0 MO AV MN 23 - % Value NODI													0	01/30 - Monthly CA - CALCTD 01/30 - Monthly CA - CALCTD	

**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
ProLogicoverletter.pdf	pdf	189952.0

**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: 2024-09-24 10:23 (Time Zone: -04:00)

**Report Last Signed By**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemmsd.org  
Date/Time: 2024-09-24 12:35 (Time Zone: -04:00)