



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

July 19, 2024

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

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

Dear Ms. Dennis:

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

There were two exceedances for June. Total phosphorus daily max permit limit is 1.125mg/l test results 2.1 mg/l. Total phosphorus monthly average permit limit .75 mg/l test results .78 mg/l. The two exceedances were due to carrier water leaking back into the aluminum chloride tank diluting the chemical. The tank has been cleaned and refilled.

There were no 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 6/23.

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 #: KY0103900		Permittee: Louisville and Jefferson County MSD		Facility: BCSD HILLVIEW STP																								
Major: No		Permittee Address: 700 W Liberty St Louisville, KY 40203		Facility Location: 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 06/01/24 to 06/30/24		DMR Due Date: 07/28/24		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: James A.		Title: Executive Director		Telephone: 502-540-6000																										
Last Name: Parrott																														
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					=	7.0					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					=	6.8			=	6.9	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	<	3.153	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							=	248.0	=	514.0	19 - mg/L	0	01/07 - Weekly	24 - COMP24											
					Permit Req.													Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L	01/07 - Weekly	24 - COMP24								
					Value NODI																									
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample									=	12.25	=	21.4	19 - mg/L	0	01/07 - Weekly	24 - COMP24									
					Permit Req.																Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24					
					Value NODI																									
00600	Nitrogen, total [as N]	G - Raw Sewage Influent	0	--	Sample									=	56.28	=	76.8	19 - mg/L	0	01/07 - Weekly	24 - COMP24									
					Permit Req.																	Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24				
					Value NODI																									
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample									=	1.1	=	2.1	19 - mg/L	0	01/07 - Weekly	24 - COMP24									
					Permit Req.																		<=	3.0 MO AVG	<=	4.5 DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI																									
X 00665	Phosphorus, total [as P]	1 - Effluent Gross	1	--	Sample									=	0.78	=	2.58	19 - mg/L	0	01/07 - Weekly	24 - COMP24									
					Permit Req.																			<=	0.75 MO AVG	<=	1.125 DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24
					Value NODI																									
00665	Phosphorus, total [as P]	G - Raw Sewage Influent	0	--	Sample									=	7.5	=	9.55	19 - mg/L	2	01/07 - Weekly	24 - COMP24									
					Permit Req.																				Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/07 - Weekly	24 - COMP24	
					Value NODI																									
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.041	=	0.147	03 - MGD								0	99/99 - Continuous	RE - Record (manual)										
					Permit Req.																	99/99 - Continuous	RE - Record (manual)							

Code	Parameter	Monitoring Location	Field	Type	Description	Units	Frequency	Sample Type	Value	Permit Req.	Value NODI
50050	Flow, in conduit or thru treatment plant	G - Raw Sewage Influent	0	--					0.037	0.057	03 - MGD
									Req Mon MO AVG	Req Mon DAILY MX	03 - MGD
51040	E. coli	1 - Effluent Gross	0	--					1.0	1.0	13 - #/100mL
									<= 130.0 30DA GEO	<= 240.0 7 DA GEO	13 - #/100mL
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--					1.47	2.102	26 - lb/d
									<= 12.51 MO AVG	<= 18.765 MX WK AV	26 - lb/d
80082	BOD, carbonaceous [5 day, 20 C]	G - Raw Sewage Influent	0	--					264.0	298.0	19 - mg/L
									Req Mon MO AVG	Req Mon MX WK AV	19 - mg/L
80091	BOD, carb-5 day, 20 deg C, percent removal	K - Percent Removal	0	--					98.2		23 - %
									>= 85.0 MO AV MN		23 - %
81011	Solids, suspended percent removal	K - Percent Removal	0	--					97.6		23 - %
									>= 85.0 MO AV MN		23 - %

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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
00665	Phosphorus, total [as P]	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
00665	Phosphorus, total [as P]	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
ProLogicoverletter.docx	docx	330591.0

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: 2024-07-19 10:03 (Time Zone: -04:00)

Report Last Signed By

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2024-07-19 10:21 (Time Zone: -04:00)