



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

January 21st, 2022

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

**RE: Pro Logics STP, KPDES No: KY0103900
Discharge Monitoring Report for December 2021.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Pro Logics STP, for the month December 2021.

There were no overflows or bypasses.

There were two exceedances for the month of December. Due to a blower electrical issue our Nitrogen, ammonia Daily Maximum requirement of 12.0 mg/l had a violation of 14.6 mg/l. Due to faulty bulbs on our UV system our E.coli 7 Day Geometric requirement of 240.0 mg/l had a violation of 476.0.

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

Sincerely,

Joseph Shaun Smith
Process Supervisor

JSS/ PRO LOG 12/21.

Cc: V. Teague
R. Shaw

DMR Copy of Record

Permit			
Permit #:	KY0103900	Permittee:	Louisville and Jefferson County MSD
Major:	No	Permittee Address:	700 W Liberty St Louisville, KY 40203
Permitted Feature:	001 External Outfall	Discharge:	001-4 ANNUAL SAMPLING YEARS 2 - 4
Facility:		Facility Location:	BCSD HILLVIEW STP 285 BROOKS WAY BROOKS, KY 40109

Report Dates & Status			
Monitoring Period:	From 01/01/21 to 12/31/21	DMR Due Date:	01/28/22
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:	James	Title:	Executive Director
Last Name:	Parrott	Telephone:	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	
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample													15 - deg F	03/5Y - Three Every 5 Years	GR - GRAB
					Permit Req.						Req Mon AVERAGE		Req Mon MAXIMUM							
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
00556	Oil & Grease	1 - Effluent Gross	0	--	Sample												19 - mg/L	03/5Y - Three Every 5 Years	GR - GRAB	
					Permit Req.						Req Mon AVERAGE		Req Mon MAXIMUM							
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample												19 - mg/L	03/5Y - Three Every 5 Years	GR - GRAB	
					Permit Req.						Req Mon AVERAGE		Req Mon MAXIMUM							
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
51449	Nitrogen, Kjeldahl Total	1 - Effluent Gross	0	--	Sample												19 - mg/L	03/5Y - Three Every 5 Years	GR - GRAB	
					Permit Req.						Req Mon AVERAGE		Req Mon MAXIMUM							
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
51450	Nitrite Plus Nitrate Total	1 - Effluent Gross	0	--	Sample												19 - mg/L	03/5Y - Three Every 5 Years	GR - GRAB	
					Permit Req.						Req Mon AVERAGE		Req Mon MAXIMUM							
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							
70296	Solids, total dissolved [TDS]	1 - Effluent Gross	0	--	Sample												19 - mg/L	03/5Y - Three Every 5 Years	GR - GRAB	
					Permit Req.						Req Mon AVERAGE		Req Mon MAXIMUM							
					Value NODI						9 - Conditional Monitoring - Not Required This Period		9 - Conditional Monitoring - Not Required This Period							

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

Name: Joseph Smith
E-Mail: joseph.smith@louisvillemSD.org
Date/Time: 2022-01-24 08:21 (Time Zone: -05:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name: Joseph Smith
E-Mail: joseph.smith@louisvillemSD.org
Date/Time: 2022-01-24 08:30 (Time Zone: -05:00)

81011	Solids, suspended percent removal	K - Percent Removal	0	--	Sample						97.0						23 - %	01/30 - Monthly	CA - CALCTD				
					Permit Req.										85.0 MO AV MN						23 - %	01/30 - Monthly	CA - CALCTD
					Value NODI																	0	

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					
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
51040	E. coli	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

Comments

Attachments

Name	Type	Size
ProLogicscoverletter1221.pdf	pdf	42175.0

Report Last Saved By

Louisville and Jefferson County MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2022-01-24 08:29 (Time Zone: -05:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
 Name: Joseph Smith
 E-Mail: joseph.smith@louisvillemmsd.org
 Date/Time: 2022-01-24 08:30 (Time Zone: -05:00)