



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

August 26, 2022

Crystal Dennis
Permit Support Section
Surface Water Permits Branch
Division of Water
200 Fair Oaks Lane, 4th floor
Frankfort, KY 40601

Subject: Top Flight Landing
KPDES Permit No. KY0105074

Dear Ms. Dennis:

Louisville Metropolitan Sewer District (MSD) has entered into a short term contract to provide operation and maintenance services for the Top Flight treatment plant, collection system and pump station. Steve Emily with OHM advisors is our contact for the duration of this contract and will communicate with the owner of the treatment plant and collection system as needed.

In accordance with the provisions of the KPDES permit referenced above, the monthly discharge monitoring report (DMR) for the reporting period of July 1st through July 31st, 2022 are provided and submitted through KY's Net DMR. For the month of July Top Flight failed to meet the monthly average for Nitrogen Ammonia. Nitrogen Ammonia had a monthly average result of 5.7 mg/l. This was suspected to be due to a biological upset from lack of blower capacity, extremely hot weather, and low influent flow/solids.

Should you have any additional questions, please contact me at (502) 540-6952.

Sincerely,

William Ford
Process Supervisor-Operations

WEF / TopFlight / 0722

cc: B. Tinnell
RecordsRequest@louisvillemsd.org
S. Emily, OMH Advisors

DMR Copy of Record

Permit					
Permit #:	KY0105074	Permittee:	Top Flight Landing	Facility:	TOP FLIGHT LANDING
Major:	No	Permittee Address:	8105 Parkshire Court Louisville, KY 40220	Facility Location:	HWY 55 S TAYLORSVILLE, KY 40071
Permitted Feature:	001 External Outfall	Discharge:	001-1 Domestic Wastewater		

Report Dates & Status					
Monitoring Period:	From 07/01/22 to 07/31/22	DMR Due Date:	08/28/22	Status:	NetDMR Validated

Considerations for Form Completion

Principal Executive Officer					
First Name:	William	Title:	Process Supervisor-Operations	Telephone:	502-540-6000
Last Name:	Ford				

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					=	9.1					19 - mg/L	0	01/30 - Monthly	GR - GRAB		
					Permit Req.					>=	7.0 INST MIN					19 - mg/L		01/30 - Monthly	GR - GRAB		
					Value NODI																
00400	pH	1 - Effluent Gross	0	--	Sample					=	7.64			=	7.64	12 - SU	0	01/30 - Monthly	GR - GRAB		
					Permit Req.					>=	6.0 MINIMUM			<=	9.0 MAXIMUM	12 - SU		01/30 - Monthly	GR - GRAB		
					Value NODI																
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample								=	11.0	=	11.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.							<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	01/30 - Monthly		CP - COMPOS		
					Value NODI																
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample								=	5.7	=	5.7	19 - mg/L	1	01/30 - Monthly	CP - COMPOS	
					Permit Req.							<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS		
					Value NODI																
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample								=	9.51	=	9.51	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.									Req Mon MO AVG	Req Mon DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS		
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.026	=	0.103	03 - MGD								0	01/30 - Monthly	IN - INSTAN	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD									01/30 - Monthly	IN - INSTAN	
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample								=	73.0	=	73.0	13 - #/100mL	0	01/30 - Monthly	GR - GRAB	
					Permit Req.									<=	130.0 30DA GEO	<=	240.0 7 DA GEO		13 - #/100mL	01/30 - Monthly	GR - GRAB
					Value NODI																
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample								=	6.0	=	6.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.									<=	20.0 MO AVG	<=	30.0 MX WK AV		19 - mg/L	01/30 - Monthly	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

Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
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

Comments

Attachments

Name	Type	Size
TopFlightCoverletter072022.pdf	pdf	45581.0

Report Last Saved By

Top Flight Landing

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2022-08-26 18:44 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2022-08-26 18:46 (Time Zone: -04:00)