



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

September 28, 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 August 1st through August 31st, 2022 are provided and submitted through KY's Net DMR. For the month of August Top Flight failed to meet the monthly average and daily maximum for Nitrogen Ammonia and BOD. Nitrogen Ammonia had a monthly average result of 10.4 mg/l and a daily maximum result of 10.4 mg/l. BOD had a monthly average result of 25.0 mg/l and a daily maximum result of 25.0 mg/l. This was suspected to be due to a combination of the following: 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 / 0822

cc: B. Tinnell
RecordsRequest@louisvillemsd.org
S. Emily, OHM 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 08/01/22 to 08/31/22	DMR Due Date:	09/28/22	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					=	7.4					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					=	7.08			=	7.08	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					=	28.0			=	28.0	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					=	10.4			=	10.4	19 - mg/L	2	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					=	9.47			=	9.47	19 - mg/L	0	01/30 - Monthly	CP - COMPOS		
					Permit Req.													19 - mg/L	01/30 - Monthly	CP - COMPOS	
					Value NODI																
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.019	=	0.049								0	01/30 - Monthly	IN - INSTAN		
					Permit Req.															01/30 - Monthly	IN - INSTAN
					Value NODI																
51040	E. coli	1 - Effluent Gross	0	--	Sample					=	36.0			=	36.0	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																
X 80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample					=	25.0			=	25.0	19 - mg/L	1	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
80082	BOD, carbonaceous [5 day, 20 C]	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
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
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
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Report Last Saved By

Top Flight Landing

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2022-09-28 12:03 (Time Zone: -04:00)

Report Last Signed By

User: WILLIAM.FORD@LOUISVILLEMSD.ORG
Name: William Ford
E-Mail: william.ford@louisvillemsd.org
Date/Time: 2022-09-28 12:03 (Time Zone: -04:00)