



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

February 2, 2024

**REVISED**

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

**RE: Topflight STP, KPDES No: KY0105074  
Discharge Monitoring Report for December 2023.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Topflight STP, for the month December 2023.

MSD had one exceedance for the month of December Total Suspended Solids maximum monthly average limit of 30.0 mg/l with a result of 45.0 mg/l. This exceedance was the result of process mechanical issues with sludge returns. Attempt was made to resample but did not get the result within range.

There were no overflows, or Bypasses.

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

Sincerely,

Jon Baldridge  
Process Supervisor

JOB/ BV 12/23.

Cc: V. Teague, B. Tinnel

DMR Copy of Record

<b>Permit</b>					
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		

<b>Report Dates &amp; Status</b>					
Monitoring Period:	From 12/01/23 to 12/31/23	DMR Due Date:	01/28/24	Status:	NetDMR Validated

Considerations for Form Completion

<b>Principal Executive Officer</b>					
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					=	8.36					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					=	6.91			=	6.91	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														
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample					=	45.0		=	33.0	19 - mg/L	1	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														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample					=	4.3		=	4.3	19 - mg/L	0	01/30 - Monthly	CP - COMPOS	
					Permit Req.					<=	10.0 MO AVG		<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	CP - COMPOS	
					Value NODI														
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	4.02		=	4.02	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	=	0.02	=	0.03							0	01/30 - Monthly	IN - INSTAN	
					Permit Req.													01/30 - Monthly	IN - INSTAN
					Value NODI														
51040	E. coli	1 - Effluent Gross	0	--	Sample					=	4.0		=	4.0	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					=	5.0		=	5.0	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
00530	Solids, total suspended	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
Topflight.pdf	pdf	37582.0

Report Last Saved By

**Top Flight Landing**

User: JM4178747  
Name: Jillian Clayton  
E-Mail: jclayton@beckmarlab.com  
Date/Time: 2024-01-25 11:06 (Time Zone: -05:00)

**Report Last Signed By**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemsd.org  
Date/Time: 2024-01-25 11:18 (Time Zone: -05:00)