



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

January 21<sup>st</sup>, 2022

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

**RE: Hillview #3 STP, KPDES No: KY0034177  
Discharge Monitoring Report for December 2021.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #3 STP, for the month December 2021.

There were no overflows or bypasses.

There was two exceedances for the month of December. Due to a faulty air diffusers on the aeration tanks our Nitrogen, ammonia Daily Maximum permit of 15.0 mg/l was exceeded to 16.6 mg/l. Due to faulty Chlorine feed on the contact tank our E.coli 7 Day Geometric permit of 240.0 mg/l had an exceeded to 1533.0 mg/l.

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

Sincerely,

Joseph Shaun Smith  
Process Supervisor

JSS/ HV#3 12/21.

Cc: V. Teague  
R. Shaw

DMR Copy of Record

<b>Permit</b>		<b>Permit #:</b> KY0034177		<b>Permittee:</b> Louisville and Jefferson County MSD		<b>Facility:</b> BCSD HILLVIEW #3	
<b>Major:</b> No		<b>Permittee Address:</b> 700 W Liberty St Louisville, KY 40203		<b>Facility Location:</b> 12325 WESTERN RD HILLVIEW, KY 40129			
<b>Permitted Feature:</b> 001 External Outfall		<b>Discharge:</b> 001-1 Domestic Wastewater					

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b> From 12/01/21 to 12/31/21	<b>DMR Due Date:</b> 01/28/22	<b>Status:</b>	<b>NetDMR Validated</b>

**Considerations for Form Completion**

<b>Principal Executive Officer</b>			
<b>First Name:</b> James	<b>Title:</b> Executive Director	<b>Telephone:</b> 502-540-6000	
<b>Last Name:</b> Parrott			

<b>No Data Indicator (NODI)</b>			
<b>Form NODI:</b> --			

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					=	6.93			=	6.93	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					=	16.0			=	35.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	30.0 MO AVG			<=	45.0 MX WK AV	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
00600	Nitrogen, total [as N]	1 - Effluent Gross	0	--	Sample					=	13.0			=	18.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.											19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
X 00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample					=	7.6			=	16.6	19 - mg/L	1	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	10.0 MO AVG			<=	15.0 DAILY MX	19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
00665	Phosphorus, total [as P]	1 - Effluent Gross	0	--	Sample					=	1.8			=	2.6	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.											19 - mg/L		01/07 - Weekly	CP - COMPOS	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.194	=	0.198								0	99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.														99/99 - Continuous	RC - Recorder (auto)
					Value NODI															
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample					<	0.01			<	0.01	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Permit Req.					<=	0.011 MO AVG			<=	0.019 DAILY MX	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Value NODI															
X 51040	E. coli	1 - Effluent Gross	0	--	Sample					=	15.0			=	1533.0	13 - #/100mL	1	01/07 - Weekly	GR - GRAB	
					Permit Req.					<=	130.0 30DA GEO			<=	240.0 7 DA GEO	13 - #/100mL		01/07 - Weekly	GR - GRAB	
					Value NODI															
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample					=	11.0			=	17.0	19 - mg/L	0	01/07 - Weekly	CP - COMPOS	
					Permit Req.					<=	15.0 MO AVG			<=	22.5 MX WK AV	19 - mg/L		01/07 - Weekly	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.

<b>Edit Check Errors</b>						
Code	Parameter Name	Monitoring Location	Field	Type	Description	Acknowledge
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
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

**Comments**

**Attachments**

Name	Type	Size
Hillview3Coverletter1221.pdf	pdf	43235.0

**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 08:03 (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 08:04 (Time Zone: -05:00)