



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

January 23<sup>rd</sup>, 2026

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

**RE: Big Valley STP, KPDES No: KY0072168  
Discharge Monitoring Report for December 2025.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Big Valley STP, for the month of December 2025.

There were no exceedances, overflows, or bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502) 919-5794.

Sincerely,

Scott Reed  
Process Supervisor

SR/BV 12/25.

Cc: V. Teague, B. Tinnel

EPA may make all the information submitted through this form (including all attachments) available to the public without further notice to you. Do not use this online form to submit personal information (e.g., non-business cell phone number or non-business email address), confidential business information (CBI), or if you intend to assert a CBI claim on any of the submitted information. Pursuant to 40 CFR 2.203(a), EPA is providing you with notice that all CBI claims must be asserted at the time of submission. EPA cannot accommodate a late CBI claim to cover previously submitted information because efforts to protect the information are not administratively practicable since it may already be disclosed to the public. Although we do not foresee a need for persons to assert a claim of CBI based on the types of information requested in this form, if persons wish to assert a CBI claim we direct submitters to contact the [NPDES eReporting Help Desk](#) for further guidance. Please note that EPA may contact you after you submit this report for more information.

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<b>Permit</b>			
<b>Permit #:</b>	KY0072168	<b>Permittee:</b>	Louisville and Jefferson County MSD
<b>Major:</b>	No	<b>Permittee Address:</b>	700 W Liberty St Louisville, KY 40203
<b>Permitted Feature:</b>	001 External Outfall	<b>Discharge:</b>	001-1 Domestic Wastewater
<b>Facility:</b>		<b>Facility Location:</b>	BIG VALLEY MHP PRYOR VALLEY RD SHEPHERDSVILLE, KY 40165

<b>Report Dates &amp; Status</b>			
<b>Monitoring Period:</b>	From 12/01/25 to 12/31/25	<b>DMR Due Date:</b>	01/28/26
<b>Status:</b>	NetDMR Validated		
<b>Considerations for Form Completion</b>			

<b>Principal Executive Officer</b>			
<b>First Name:</b>	James	<b>Title:</b>	Executive Director
<b>Last Name:</b>	Parrott	<b>Telephone:</b>	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	
00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	--	Sample					=	12.0						19 - mg/L	0	01/07 - Weekly	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					=	7.1			=	7.1	12 - SU	0	01/07 - Weekly	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					=	15.0			=	15.0	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.					<=	30.0 MO AVG			<=	45.0 MX WK AV	19 - mg/L		01/30 - Monthly	CP - Composite	
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample					=	0.32			=	0.3	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.					<=	10.0 MO AVG			<=	15.0 DAILY MX	19 - mg/L		01/30 - Monthly	CP - Composite	
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.0202	=	0.127								0	99/99 - Continuous	RC - Recorder (auto)	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX									01/30 - Monthly	IN - Instantaneous	
					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		01/30 - Monthly	GR - Grab	
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample					=	5.0			=	5.0	13 - #/100mL	0	01/07 - Weekly	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					=	3.0			=	3.0	19 - mg/L	0	01/07 - Weekly	CP - Composite	
					Permit Req.					<=	20.0 MO AVG			<=	30.0 MX WK AV	19 - mg/L		01/30 - Monthly	CP - Composite	
					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**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
BV_CoverLetter_12_25.pdf	pdf	32250.0

**Report Last Saved By**

**Louisville and Jefferson County MSD**

User: REED0325  
Name: Scott Reed  
E-Mail: reeds@louisvillemd.org  
Date/Time: 2026-01-23 14:32 (Time Zone: -05:00)

**Report Last Signed By**

User: REED0325  
Name: Scott Reed  
E-Mail: reeds@louisvillemd.org  
Date/Time: 2026-01-23 14:32 (Time Zone: -05:00)