



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

March 18, 2026

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

**RE: Big Valley STP, KPDES No: KY0072168
Discharge Monitoring Report for February 2026.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Big Valley STP, for the month of February 2026.

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,

Kevin Thompson
Process Supervisor

SR/BV 2/26.

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

Report Dates & Status			
Monitoring Period:	From 02/01/26 to 02/28/26	DMR Due Date:	03/28/26
Status:	NetDMR Validated		
Considerations for Form Completion			

Principal Executive Officer			
First Name:	James	Title:	Executive Director
Last Name:	Parrott	Telephone:	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					=	13.0					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					=	7.4			=	7.4	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					=	13.0			=	13.0	19 - mg/L	0	01/30 - Monthly	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					=	0.71			=	0.71	19 - mg/L	0	01/30 - Monthly	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	=	0.034	=	0.116								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	01/30 - Monthly	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					=	1.0			=	1.0	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					=	7.0			=	7.0	19 - mg/L	0	01/30 - Monthly	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
SKM_C3351i26031808585.pdf	pdf	31918.0

Report Last Saved By

Louisville and Jefferson County MSD

User: kevin.thompson@louisvillemsd.org
Name: Kevin Thompson
E-Mail: kevin.thompson@louisvillemsd.org
Date/Time: 2026-03-20 08:26 (Time Zone: -04:00)

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