



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

October 20th, 2025

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

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

Dear Ms. Dennis:

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

There were no overflows or bypasses.

There were two exceedances. One for TSS monthly average with a limit of 30 mg/L and a result of 48 mg/L. One for TSS weekly average with a limit of 45 mg/L and a result of 49 mg/L.

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

Sincerely,

Scott Reed
Process Supervisor

SR/Big Valley 9/25.

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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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 09/01/25 to 09/30/25	DMR Due Date:	10/28/25
Status:	NetDMR Validated		
Considerations for Form Completion			

Principal Executive Officer			
First Name:	James A	Title:	Executive Director
Last Name:	Parrot	Telephone:	502-540-6533

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					=	8.0					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					=	8.2			=	8.2	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														
X 00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample							=	48.0	=	49.0	19 - mg/L	2	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	1	--	Sample							=	0.37	=	0.37	19 - mg/L	0	01/07 - Weekly	CP - Composite
					Permit Req.						<=	4.0 MO AVG	<=	6.0 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	=	0.0031	=	0.031	03 - MGD							0	99/99 - Continuous	RC - Recorder (auto)
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD								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							=	1.0	=	1.0	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					
Parameter	Monitoring Location	Field	Type	Description	Acknowledge

Code	Name					
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
00530	Solids, total suspended	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
BigValleyCoverLetter9_25.pdf	pdf	36644.0

Report Last Saved By
Louisville and Jefferson County MSD

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG
 Name: Jonathan Baldrige
 E-Mail: jon.baldrige@louisvillemmsd.org
 Date/Time: 2025-10-21 09:59 (Time Zone: -04:00)

Report Last Signed By

User: REED0325
 Name: Scott Reed
 E-Mail: reeds@louisvillemmsd.org
 Date/Time: 2025-10-21 13:33 (Time Zone: -04:00)