



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

June 20, 2024

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

**RE: Big Valley STP, KPDES No: KY0072168  
Discharge Monitoring Report for May 2024.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Big Valley STP, for the month May 2024.

There were no Exceedances, overflows, or Bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502) 540-6717.

Sincerely,

Jon Baldrige  
Process Supervisor

JOB/ BV 05/24.

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 05/01/24 to 05/31/24	<b>DMR Due Date:</b>	06/28/24
<b>Status:</b>	NetDMR Validated		
<b>Considerations for Form Completion</b>			

<b>Principal Executive Officer</b>			
<b>First Name:</b>	James A.	<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					=	10.2					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							<	6.0	<	6.0	19 - mg/L	0	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	1	--	Sample							=	1.0	=	1.0	19 - mg/L	0	01/30 - Monthly	CP - COMPOS
					Permit Req.						<=	4.0 MO AVG	<=	6.0 DAILY MX	19 - mg/L	01/30 - Monthly		CP - COMPOS	
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.047	=	0.152								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX		03 - MGD							01/30 - Monthly	IN - INSTAN
					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							<	4.0	<	4.0	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**  
No errors.

**Comments**

**Attachments**

Name	Type	Size
BV.pdf	pdf	31364.0

**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: 2024-06-20 13:37 (Time Zone: -04:00)

**Report Last Signed By**

User: JON.BALDRIDGE@LOUISVILLEMSD.ORG  
Name: Jonathan Baldrige  
E-Mail: jon.baldrige@louisvillemmsd.org  
Date/Time: 2024-06-20 13:42 (Time Zone: -04:00)