



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

Aug 20, 2026

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

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

Dear Ms. Dennis:

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

There were no exceedances, overflows, or bypasses.

If you have any questions concerning the attached DMR's, please contact me on (502) 540-6000.

Sincerely,

A handwritten signature in black ink, appearing to read 'Jesse Howard'. The signature is fluid and cursive, with a large loop at the end.

Jesse Howard
Process Supervisor

JH/BV 8/26.

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.

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0004). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations 40 CFR 122.41(l)(4)(i). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 2 hours per outfall. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

Permit

Permit #:

KY0072168

Major:

No

Permittee:

Louisville and Jefferson County MSD

Permittee Address:

700 W Liberty St
Louisville, KY 40203

Facility:

BIG VALLEY MHP

Facility Location:

PRYOR VALLEY RD
SHEPHERDSVILLE, KY 40165

Permitted Feature:

001
External Outfall

Discharge:

001-1
Domestic Wastewater

Report Dates & Status

Monitoring Period:

From 07/01/26 to 07/31/26

DMR Due Date:

08/28/26

Status:

NetDMR Validated

Considerations for Form Completion

Principal Executive Officer

First Name:

James

Last Name:

Parrott

Title:

Executive Director

Telephone:

502-540-6000

No Data Indicator (NODI)

Form NODI:

--

Parameter		Monitoring Location	Season #	Param. NODI		Quantity or Loading					Quality or Concentration							# of Ex.	Frequency of Analysis	Sample Type
Code	Name					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						=	7.3					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						=	8.4			=	8.4	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								=	12.0	=	12.0	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	1	--	Sample								=	0.25	=	0.3	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	=	0.0026	=	0.019	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								=	0.0	=	0.0	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								=	5.0	=	5.0	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															

Comments

Attachments

Name	Type	Size
BigValleycoverJuly2026.pdf	pdf	34268.0
BIGVALLEYLIMSPCSSPREADSHEET011323072026.xls	xls	193024.0

Report Last Saved By

Louisville and Jefferson County MSD

User:

JESSE.HOWARD@LOUISVILLEMSD.ORG

Name:

Jesse Howard

E-Mail:

jesse.howard@louisvillemSD.org

Date/Time:

2026-08-21 09:07 (Time Zone: -04:00)

Report Last Signed By

User:

JESSE.HOWARD@LOUISVILLEMSD.ORG

Name:

Jesse Howard

E-Mail:

jesse.howard@louisvillemSD.org

Date/Time:

2026-08-21 09:30 (Time Zone: -04:00)

Month

	A	C	G	I	K	L	P	Q	R	Y	Z	AN	AP	AR	BD
1	"Ctrl+Shift+E" to export				Big Valley WTP			July-26		July					
2	Plant Effluent		Effl.	Effl.	Effl.		ECOLI	Effl.	Effl.	Eff.		Effluent	Effluent	Eff	
3	DATE	Flow	CBOD	TSS	NH3	<	MPN	pH	DO	Total Res. Cl2	<	CBOD	TSS	NH3	<
4		(MGD)	(mg/L)	(mg/L)	(mg/L)	>	(Colonies)		(mg/L)	(mg/L)	>	pounds	pounds	pounds	>
5	7/1/2026	0.014				<					<				<
6	7/2/2026	0.008				<					<				<
7	7/3/2026	0.004				<					<				<
8	7/4/2026	0.001				<					<				<
9	7/5/2026	0.001				<					<				<
10	7/6/2026	0.000				<					<				<
11	7/7/2026	0.000				<					<				<
12	7/8/2026	0.000				<					<				<
13	7/9/2026	0.000				<					<				<
14	7/10/2026	0.003				<					<				<
15	7/11/2026	0.009				<					<				<
16	7/12/2026	0.006				<					<				<
17	7/13/2026	0.004				<					<				<
18	7/14/2026	0.001				<					<				<
19	7/15/2026	0.000				<					<				<
20	7/16/2026	0.000	5	12	0.25	<	1.00	8.4	7.3	<0.01	<	0	0	0	<
21	7/17/2026	0.000				<					<				<
22	7/18/2026	0.000				<					<				<
23	7/19/2026	0.000				<					<				<
24	7/20/2026	0.000				<					<				<
25	7/21/2026	0.004				<					<				<
26	7/22/2026	0.019				<					<				<
27	7/23/2026	0.006				<					<				<
28	7/24/2026	0.000				<					<				<
29	7/25/2026	0.000				<					<				<
30	7/26/2026	0.000				<					<				<
31	7/27/2026	0.000				<					<				<
32	7/28/2026	0.000				<					<				<
33	7/29/2026	0.000				<					<				<
34	7/30/2026	0.000				<					<				<
35	7/31/2026	0.000				<					<				<
36	TOTAL	0.082										0.00	0.00	0	
37	AVERAGE*	0.003	5	12	0.25	<	1	8.4	7.3	0.000	<	0	0	0	<
38	MINIMUM	0.000	5	12	0.25	<	1	8.4	7.3	0.000	<	0	0	0	<
39	MAXIMUM	0.019	5	12	0.25	<	1	8.4	7.3	0.000	<	0	0	0	<
40	*For E. Coli: Calculation is for Geometric Mean (not Average).														
41	Max.Wk Avg	0.004	0	0	2.0		0					0	0	0	
42	Exceed.	0	0	0	0		0	0	0			0	0	0	
43	MxWkAvg		0	0	0		0	0				0	0	0	
44	Mo Avg		0	0	0		0	0	0			0	0	0	
45	Total KLBS Treated														
46															
47	Summer Limits														