



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

June 21st, 2022

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

**RE: Big Valley STP, KPDES No: KY0072168  
Discharge Monitoring Report for May 2022.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Big Valley STP, for the month May 2022.

There were no overflows, exceedances or bypasses.

If you have any questions concerning the attached DMR's, please contact me at (502)587-5858.

Sincerely,

Joseph Shaun Smith  
Process Supervisor

JSS/ BV 05/22.

Cc: V. Teague, B. Tinnel

**DMR Copy of Record**

**Permit**

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

**Report Dates & Status**

<b>Monitoring Period:</b>	From 05/01/22 to 05/31/22	<b>DMR Due Date:</b>	06/28/22	<b>Status:</b>	NetDMR Validated
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**Considerations for Form Completion**

**Principal Executive Officer**

<b>First Name:</b>	James	<b>Title:</b>	Executive Director	<b>Telephone:</b>	502-540-6000
<b>Last Name:</b>	Parrott				

**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					=	7.0					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					=	8.51			=	8.51	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					=	15.0		=	15.0	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					=	2.1		=	2.1	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	=	0.007	=	0.015								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					=	11.0		=	11.0	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
BVCoverletter052022.pdf	pdf	31333.0

**Report Last Saved By**

Louisville and Jefferson County MSD

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG  
Name: Joseph Smith

E-Mail: joseph.smith@louisvillemsd.org  
Date/Time: 2022-06-21 13:06 (Time Zone: -04:00)

***Report Last Signed By***

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG  
Name: Joseph Smith  
E-Mail: joseph.smith@louisvillemsd.org  
Date/Time: 2022-06-21 13:17 (Time Zone: -04:00)