



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

February 14th, 2022

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

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

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Big Valley STP, for the month January 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 01/22.

Cc: V. Teague
R. Shaw

DMR Copy of Record

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 SANITARY WASTEWATER
Facility:	BIG VALLEY MHP	Facility Location:	PRYOR VALLEY RD SHEPHERDSVILLE, KY 40165

Report Dates & Status			
Monitoring Period:	From 01/01/22 to 01/31/22	DMR Due Date:	02/28/22
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	=	7.7				=	7.7					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	=	7.29				=	7.29					12 - SU	0	01/30 - Monthly	GR - GRAB
					Permit Req.	>=	6.0 MINIMUM									12 - SU	01/30 - Monthly		GR - GRAB	
					Value NODI															
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	2.202	=	2.202	26 - lb/d	=	12.0	=	12.0			19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.	<=	17.5 MO AVG	<=	26.3 MX WK AV	26 - lb/d	<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	01/30 - Monthly	24 - COMP24			
					Value NODI															
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.055	=	0.055	26 - lb/d	=	0.3	=	0.3			19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.	<=	5.8 MO AVG	<=	8.7 MX WK AV	26 - lb/d	<=	10.0 MO AVG	<=	15.0 MX WK AV	19 - mg/L	01/30 - Monthly	24 - COMP24			
					Value NODI															
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.022	=	0.045	03 - MGD								0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	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 MX WK AV	19 - mg/L	01/30 - Monthly	GR - GRAB			
					Value NODI															
51040	E. coli	1 - Effluent Gross	0	--	Sample						=	28.0	=	28.0			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	=	1.835	=	1.835	26 - lb/d	=	10.0	=	10.0			19 - mg/L	0	01/30 - Monthly	24 - COMP24
					Permit Req.	<=	11.7 MO AVG	<=	17.5 MX WK AV	26 - lb/d	<=	20.0 MO AVG	<=	30.0 MX WK AV	19 - mg/L	01/30 - Monthly	24 - COMP24			
					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
CoverletterBV0122.pdf	pdf	33785.0

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: 2022-02-16 10:20 (Time Zone: -05:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name: Joseph Smith
E-Mail: joseph.smith@louisvillemsd.org
Date/Time: 2022-02-16 10:21 (Time Zone: -05:00)