



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

January 21st, 2022

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

**RE: Big Valley STP, KPDES No: KY0072168
Discharge Monitoring Report for December 2021.**

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Big Valley STP, for the month December 2021.

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 12/21.

Cc: V. Teague
R. Shaw

DMR Copy of Record

Permit

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

Report Dates & Status

Monitoring Period:	From 12/01/21 to 12/31/21	DMR Due Date:	01/28/22	Status:	NetDMR Validated
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Considerations for Form Completion

Principal Executive Officer

First Name:	James	Title:	Executive Director	Telephone:	502-540-6000
Last Name:	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	=	9.2									19 - mg/L	0	01/30 - Monthly	GR - GRAB
					Permit Req.	>=	7.0 INST MIN								19 - mg/L				
					Value NODI														
00400	pH	1 - Effluent Gross	0	--	Sample	=	7.13					=	7.13		12 - SU	0	01/30 - Monthly	GR - GRAB	
					Permit Req.	>=	6.0 MINIMUM				<=	9.0 MAXIMUM		12 - SU					
					Value NODI														
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	=	1.028	=	1.028	26 - lb/d		=	9.0	=	9.0	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			
					Value NODI														
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	2	--	Sample	=	0.057	=	0.057	26 - lb/d		=	0.5	=	0.5	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			
					Value NODI														
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.02	=	0.035	03 - MGD							0	01/30 - Monthly	IN - INSTAN
					Permit Req.		Req Mon MO AVG		Req Mon MX WK AV	03 - MGD									
					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			
					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			
					Value NODI														
80082	BOD, carbonaceous [5 day, 20 C]	1 - Effluent Gross	0	--	Sample	=	0.8	=	0.8	26 - lb/d		=	7.0	=	7.0	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			
					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
BigValleyCoverLetter.pdf	pdf	37229.0

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: 2022-01-24 07:26 (Time Zone: -05:00)

Report Last Signed By

User: JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name: Joseph Smith
E-Mail: joseph.smith@louisvillemsd.org
Date/Time: 2022-01-24 07:27 (Time Zone: -05:00)