



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

January 18th, 2023

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

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

Dear Ms. Dennis:

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

A handwritten signature in black ink that reads 'Joseph S Smith'. The signature is written in a cursive, flowing style.

Joseph Shaun Smith
Process Supervisor

JSS/ BV 12/22.

Cc: V. Teague, B. Tinnel

DMR Copy of Record

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 12/01/22 to 12/31/22

DMR Due Date:

01/28/23

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:

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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						=	7.2					19 - mg/L		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						=	7.33			=	7.33	12 - SU		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								=	13.0	=	13.0	19 - mg/L		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	2	--	Sample								=	0.5	=	0.5	19 - mg/L		01/30 - Monthly	CP - COMPOS
					Permit Req.								<=	10.0 MO AVG	<=	15.0 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	=	0.029	=	0.12	03 - MGD									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		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		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								=	12.0	=	12.0	19 - mg/L		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
BVCoverletter.pdf	pdf	32750.0

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:	2023-01-23 09:47 (Time Zone: -05:00)
<i>Report Last Signed By</i>	
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG
Name:	Joseph Smith
E-Mail:	joseph.smith@louisvillemsd.org
Date/Time:	2023-01-23 09:48 (Time Zone: -05:00)