

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

October 25th, 2022

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

RE: Hillview #2 STP, KPDES No: KY00034169

Discharge Monitoring Report for September 2022.

Dear Ms. Dennis:

Attached are the Discharge Monitoring Report (DMR) for the Hillview #2 WQTC, for the month September 2022.

There were no overflows, or exceedances

Also attached is the Monthly Bypass Report

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

Sincerely,

Joseph Shaun Smith Process Supervisor

JSS/ HV#2 09/22.

Cc: V. Teague /B. Tinnell

DMR Copy of Record

Daymai4	
Permit	

Permit #: KY0034169

Major: No

Permittee: Hillview Sewer System Plant 2

Permittee Address: PO Box 818

Hillview, KY 40129

Facility Location:

Facility:

BCSD HILLVIEW #2 376 NORWOOD WAY

NetDMR Validated

HILLVIEW, KY 40229

Permitted Feature:

001 External Outfall Discharge:

001-1Sanitary Discharge

Report Dates & Status

Monitoring Period: From 09/01/22 to 09/30/22 DMR Due Date: 10/28/22 Status:

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: --

		Parameter	Monitoring Location	Season # Param. NODI			Qu	antity or Loa	nding				Quality or Cond	entration			# of Ex	x. Frequency of Analysis	Sample Type
Parmit Rice	Code	Name				Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1 Value 1	Qualifier 2	2 Value 2	Qualifier 3	3 Value 3	Units			
Value NOD Val					Sample						= 7.0					19 - mg/L		01/07 - Weekly	GR - GRAB
Value NODI	00300	Oxygen, dissolved [DO]	1 - Effluent Gross	0	Permit Req.						>= 7.0 INST MIN	١				19 - mg/L	0	01/07 - Weekly	GR - GRAB
Part					Value NODI														
Value NODE Val					Sample						= 6.21			=	7.13	12 - SU		01/07 - Weekly	GR - GRAB
Value NOD Val	00400	Н	1 - Effluent Gross	0	Permit Req.						>= 6.0 MINIMUN	M		<=	9.0 MAXIMUM	12 - SU	0	01/07 - Weekly	GR - GRAB
Description Property Description Property Description Descri					Value NODI														
Value NOI Val					Sample	= 6.1	192	=	8.707	26 - lb/d		<	6.0	<	6.0	19 - mg/L		01/07 - Weekly	24 - COMP24
Nitrogen, total [as N] 1 - Effluent Gross 0 Permit Req.	00530	Solids total suspended	1 - Effluent Gross	0	Permit Req.	<= 80	.1 MO AVG	<=	120.2 MX WK AV	26 - lb/d		<=	30.0 MO AVG	<=	45.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
Nitrogen, total [as N] 1 - Effluent Gross 0 Permit Req.	00000				Value NODI														
Value NOD Val					Sample							=	27.0	=	39.0	19 - mg/L		01/07 - Weekly	24 - COMP24
Value NODI Sample 2.66 26 - lb/d = 1.0 2.9 19 - mg/L 0 107 - Weekly 24 - COMP24	00600	Nitrogen total [as N]	1 - Effluent Gross	0	Permit Req.								Req Mon MO AVO	3	Req Mon DAILY MX 19 - mg/L	19 - mg/L	0	01/07 - Weekly	24 - COMP24
Nitrogen, ammonia total [as N] 1 - Effluent Gross 1 - Permit Req. <= 10.7 MO AVG Company 1.0 MX WK AV 26 - lb/d Company 24 - COMP24 24 - C	00000	Thiregon, total [ao 14]	. Lindon Grood		Value NODI														
Value NOD Sample					Sample	= 0.9	925	=	2.66	26 - lb/d		=	1.0	=	2.9	19 - mg/L		01/07 - Weekly	24 - COMP24
Value NOD Val	00610	Nitrogen ammonia total (as N1	1 - Effluent Gross	1	Permit Req.	<= 10	.7 MO AVG	<=	16.0 MX WK AV	26 - lb/d		<=	4.0 MO AVG	<=	6.0 MX WK AV	19 - mg/L	0	01/07 - Weekly	24 - COMP24
Phosphorus, total [as P] 1 - Effluent Gross 0	000.0				Value NODI														
Value NOD Value NOD Sample 0.141 = 0.329 0.3 - MGD					Sample							=	4.8	=	6.5	19 - mg/L		01/07 - Weekly	24 - COMP24
Value NOD Sample 0.141 = 0.329 03 - MGD 99/99 - Continuous RC - Recorder (automorphic fluid for thru treatment plant 1 - Effluent Gross 0	00665	Phosphorus, total (as Pl	1 - Effluent Gross	0	Permit Req.								Req Mon MO AVO	3	Req Mon MX WK AV	/ 19 - mg/L	0	01/07 - Weekly	24 - COMP24
Flow, in conduit or thru treatment plant 1 - Effluent Gross 0					Value NODI														
Value NODI Sample Chlorine, total residual 1 - Effluent Gross 0					Sample	= 0.1	141	=	0.329	03 - MGI								99/99 - Continuous	RC - Recorder (auto)
Value NODI Sample	50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	Permit Req.	Re	eq Mon MO AVG	3	Req Mon MX WK A	V 03 - MG							0	99/99 - Continuous	RC - Recorder (auto)
Chlorine, total residual 1 - Effluent Gross 0 Permit Req. Value NODI 51040 E. coli 1 - Effluent Gross 0 Permit Req. Value NODI 50060 Chlorine, total residual 1 - Effluent Gross 0 Permit Req. Value NODI 51040 E. coli 51040 E. coli 51040 E. coli 51040 E. coli 51040 T. Effluent Gross 0 Sample Value NODI 51040 Permit Req. Value NODI 51040 Permit Req Value NODI 51040 Permit Req.		,			Value NODI														
Value NODI Third residual Value NODI Third residual Third residual Value NODI Third residual Third resi					Sample							<	0.01	<	0.01	19 - mg/L		01/07 - Weekly	GR - GRAB
Value NODI Sample 1.0 13 - #/100mL 01/07 - Weekly GR - GRAB	50060	Chlorine, total residual	1 - Effluent Gross	0	Permit Req.							<=	0.011 MO AVG	<=	0.019 MX WK AV	19 - mg/L	0	01/07 - Weekly	GR - GRAB
E. coli 1 - Effluent Gross 0 Permit Req. Value NODI Sample = 7.366 = 7.74 26 - lb/d = 8.0 = 9.0 19 - mg/L BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross 0 Permit Req. 0 01/07 - Weekly GR - GRAB Sample = 7.366 = 7.74 26 - lb/d = 8.0 = 9.0 19 - mg/L 0 01/07 - Weekly 24 - COMP24 COMP24 COMP24 COMP24		,			Value NODI														
Value NODI Sample = 7.366 = 7.74 26 - lb/d = 8.0 = 9.0 19 - mg/L 01/07 - Weekly 24 - COMP24 Permit Req. <= 40.1 MO AVG <= 60.1 MX WK AV 26 - lb/d <= 15.0 MO AVG <= 22.5 MX WK AV 19 - mg/L 0 01/07 - Weekly 24 - COMP24					Sample							=	1.0	=				01/07 - Weekly	GR - GRAB
Value NODI Value NODI Sample 8.0 9.0 19 - mg/L 01/07 - Weekly 24 - COMP24 80082 BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross 0 Sample = 7.74 26 - lb/d = 8.0 = 9.0 19 - mg/L 01/07 - Weekly 24 - COMP24	51040	E. coli	1 - Effluent Gross	0	Permit Req.							<=	130.0 30DA GEO	<=	240.0 7 DA GEO	13 - #/100mL	0	01/07 - Weekly	GR - GRAB
80082 BOD, carbonaceous [5 day, 20 C] 1 - Effluent Gross 0 Permit Req. <= 40.1 MO AVG <= 15.0 MO AVG <= 22.5 MX WK AV 19 - mg/L 0 01/07 - Weekly 24 - COMP24					Value NODI														
60062 BOD, Carbonaceous [5 day, 20 C] 1 - Enident Gross 0					Sample	= 7.3	366	=	7.74	26 - lb/d		=	8.0	=	9.0	19 - mg/L		01/07 - Weekly	24 - COMP24
	80082	BOD, carbonaceous [5 day, 20 Cl	1 - Effluent Gross	0	Permit Req.	<= 40	.1 MO AVG	<=	60.1 MX WK AV	26 - Ib/d		<=	15.0 MO AVG	<=	22.5 MX WK AV	19 - mg/L	0	01/07 - Weekly	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

HV2Coverletter0922.pdf		pdf	33813.0
09_September_Discharge_Report_All_S	Service_fin.pdf	pdf	15451.0
Report Last Saved By			
Hillview Sewer System Plant 2			
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG		
Name:	Joseph Smith		
E-Mail:	joseph.smith@louisvillemsd.org		
Date/Time:	2022-10-26 08:05 (Time Zone: -04:00)		
Report Last Signed By			
User:	JOSEPH.SMITH@LOUISVILLEMSD.ORG		
Name:	Joseph Smith		
E-Mail:	joseph.smith@louisvillemsd.org		
Date/Time:	2022-10-26 08:05 (Time Zone: -04:00)		

PM

DISCHARGE-

WATERS



KPDES#	Facility ID	Water	Water Quality Treatement Center			iving Stream	er Regi	on	
KY0034169	MSD0507	HILLVIEV	V #2				KS RUN	NA	
Facility Type	Facility Type Facility ID		ress	If Pump Station, N	Station, Name of Pump Station: Receiving			Disch	arge to
SPLSewer Treatment Plant	MSD0507	SD0507 8405 CEDAR CREEK RD BCSD HILLVIEW #2		VIEW #2		BROOKS RUN	ST	REAM	
Activity Code / Description : DISDW: DRY WEATHER	WO # Ref No 3557676	Initiated Initiated By 09/02/2022 FORD JR	Assigned To STEPHENSO	<u>Disch Status</u> REPAIRED -	Event Date 09/02/2022	<u>Problem</u> MECHANICAL	Result UNAUTHORIZED	Completed 09/02/22 01:5	Condition

ISSUE

RESOLVED

FAILURE

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Discharge Reporting:

DISCHARGE

ziconan go rioponanigi	
Discharge Amount:	700 GAL
Cause:	PHASE MONITOR WAS TRIPPED.
Clean Up:	SEWAGE CLEAN UP AROUND AREA.
Control Zone:	TEMPORARY SIGNS PLACED IN AREA.
Impact:	SEWAGE IN OUTFALL.
Repair:	REPAIRED MECHANICAL EQUIPMENT.
Public Notification:	TEMPORARY SIGNS PLACED IN AREA.

Notifications:

9/3/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	
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KPDES # Facility Water Quality Treatement Center Receiving Stream of Treatment Center Region

KY0034185 MSD0512 PIONEER VILLAGE #1 BROOKS RUN NA

Facility Type Facility ID Facility Address If Pump Station, Name of Pump Station: Receiving Stream Discharge to
SLSSewer Lift Station MSD2021-PS 8405 CEDAR CREEK RD PIONEER VILLAGE #1 BROOKS RUN STREAM

Activity Code / Description WO # Ref No Initiated By **Disch Status Event Date Problem** Result Condition **Initiated** Assigned To <u>Completed</u> QUEUED FOR : DISREV: RAIN EVENT 3557765 09/03/2022 **BUTLER** BUTLER 04/05/2022 LACK OF UNAUTHORIZED 09/05/22 11:59 DISCHARGE

INVESTIGATIO SYSTEM DISCHARGE- PM N/REPAIR CAPACITY WATERS

Discharge Reporting:

Discharge Amount:	463,400 GAL
Cause:	LACK OF SYSTEM CAPACITY.
Clean Up:	CLEANUP NOT POSSIBLE DUE TO MAGNITUDE OF STORM.
Control Zone:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.
Impact:	SEWAGE FOUND IN THE STREAM.
Repair:	SITE FOUND DURING RAIN EVENT RECON - WILL BE MONITORED AND EVALUATED FOR REPAIR.
Public Notification:	PLACED TEMPORARY SIGNS AROUND THE IMPACTED AREA.

Notifications:

9/4/22 1:00 AM	DISNOT	EMAIL NOTIFICATION OF UNAUTHORIZED DISCHARGE SENT TO:DISCHARGENOTICES@LOUISVILLEMSD.ORG, SAYRE.DENNIS@EPAMAIL.EPA.GOV	I
9/4/22 1:00 AM	DISSNO	WAITING TO COMPLETE THE DISCHARGE INFORMATION	

Total Facilities Printed: 2

Total Work Orders Printed: 2