



STATE OF TENNESSEE  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
COLUMBIA ENVIRONMENTAL FIELD OFFICE  
1421 HAMPSHIRE PIKE  
COLUMBIA, TENNESSEE 38401  
STATEWIDE 1-888-891-8332

PHONE (931) 380-3371

FAX (931) 380-3397

March 28, 2024

The Honorable Gary Jacobs, Mayor  
City Hall  
102 East Swan Street  
Centerville, TN 37033

Re: Compliance Biomonitoring Inspection  
Centerville Sewage Treatment Plant  
NPDES Permit # TN0024937  
Hickman County

Dear Mayor Jacobs,

The week of March 18, 2024, I conducted a Compliance Biomonitoring Inspection to evaluate compliance with Centerville's NPDES permit, TN0024937. The Division thanks your staff for their assistance during this inspection. Please see the sections below for details regarding the inspection.

**I. Permit**

Centerville's NPDES permit, TN0024937, was issued on November 14, 2023, and became effective November 1, 2023. It authorizes the discharge of wastewater to Duck River.

**II. Records/Reports**

Discharge monitoring reports are submitted monthly to the EPA NetDMR database, and these were reviewed electronically prior to the inspection.

**III. Facility Site Review, Self-Compliance Program, Operations & Maintenance, and Sanitary Sewer Overflows**

Centerville's toxicity tests were analyzed by PACE Analytical. The Division collected four separate grab samples in twenty-four hours for the biomonitoring portion of this inspection. These samples were shipped to PACE Analytical for twenty-four-hour acute toxicity testing. Laboratory results from this testing indicated no effluent toxicity. No violations were noted.

**IV. Effluent/Receiving Waters**

No violations were noted.

Compliance Biomonitoring Inspection

March 28, 2024

Page 2

V. Flow Measurement

No violations were noted.

VI. Laboratory

No violations were noted.

VII. Sludge Handling/Disposal

No violations were noted.

VIII. Pollution Prevention and Storm Water

No violations were noted.

IX. Pretreatment

Centerville has a pretreatment program, but the program was not reviewed during this inspection.

X. Additional Comments and Recommendations

No violations were noted.

XI. Conclusion

Compliance with Centerville's NPDES permit, TN0024937, helps ensure discharges are protective of downstream fish and aquatic life and water quality. Thank you for your efforts to ensure permit compliance and to protect state water quality. If you need assistance in matters concerning this report, please contact me via telephone at (931) 401-0564 or by email at [DeWitt.Logsdon@tn.gov](mailto:DeWitt.Logsdon@tn.gov).

Sincerely,



DeWitt Logsdon

EPS3

Division of Water Resources

cc: Crystal Stacey, DWR Program Coordinator, Columbia EFO, [Crystal.Stacey@tn.gov](mailto:Crystal.Stacey@tn.gov)  
File Copy, DWR, Columbia Environmental Field Office  
Waterlog database

## GRAB 1

Collected date/time: 03/18/24 09:00

## SAMPLE RESULTS - 01

L1716761

## Aquatic Toxicity by Method 2000

Analyte	Result	Qualifier	Analysis	Batch
	%		date / time	
48 Hour LC50 - Minnow	>12.8 (PASS)		03/20/2024 14:47	WG2254363

## Aquatic Toxicity by Method 2002

Analyte	Result	Qualifier	Analysis	Batch
	%		date / time	
48 Hour LC50 - C.dubia	>12.8 (PASS)		03/20/2024 14:31	WG2254363

## Calculated Results

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Hardness (calculated) as CaCO3	119		0.118	2.50	1	03/25/2024 21:32	WG2251911

## Wet Chemistry by Method 2320 B-2011

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Alkalinity	86.5		8.45	20.0	1	03/25/2024 13:44	WG2253200

## Sample Narrative:

L1716761-01 WG2253200: Endpoint pH 4.5 Headspace

## Metals (ICP) by Method 200.7

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis	Batch
	mg/l		mg/l	mg/l		date / time	
Calcium	39.5		0.0473	1.00	1	03/25/2024 21:32	WG2251911
Magnesium	4.96		0.115	1.00	1	03/25/2024 21:32	WG2251911

Cp

Tc

Ss

Cn

Sr

Qc

GI

AI

Sc