

Lead and Copper Results for Fendee Estates (ND5301764)

Under the Safe Drinking Water Act, your public water system is required to monitor for lead and copper levels. Action levels are exceeded if more than 10 percent of the samples have lead levels greater than 0.015 milligrams per liter (mg/L), or if more than 10 percent of the samples have copper levels greater than 1.3 mg/L. The required sample results have been received and reviewed.

Consumer Notice MUST be completed by 12/3/2024.

- 1. Review the enclosed *Consumer Notice* template to verify your water system information and provide a copy of it along with the corresponding lead and copper result to the person(s) served by each tap sampled.
- 2. Complete the enclosed Certification of Consumer Notice and Lead Results Delivery form and send it along with a copy of the distributed Consumer Notice to the Division of Municipal Facilities.

Results:

Your 90th percentile levels:

Copper

0.0194

ma/L

Lead

0.00076 mg/L

The samples from your triennial monitoring are satisfactory. Your next five (5) samples must be taken between June 1 and September 30 of 2027.

Please keep this letter for your records.

Public water systems must keep sample results on file for at least 12 years.

If you have any questions contact Joseph Von Wahlde at joseph.vonwahlde@nd.gov, (701) 328-5207.

Certification of Consumer Notice and Lead Results Delivery

The person(s) served by the water taps sampled must be provided with a copy of their lead results and the updated *Consumer Notice* information by <u>12/3/2024</u>. Certification that this was done must be provided to the Division of Municipal Facilities by completing and returning this form along with an **updated copy of the distributed** *Consumer Notice by* <u>12/31/2024</u>.

Instructions:

- Update the enclosed Consumer Notice template to include the public water system information noted in the highlighted areas. (For easier updating, an electronic copy can be obtained on our website at https://deg.nd.gov/MF/DWP/LCR.aspx under the Forms heading near the bottom of the page)
- 2. Provide each site sampled with a copy of their lead results and a copy of the *Consumer Notice* by using the most appropriate delivery method listed below.
 - Mailing for residential sites.
 - Hand/direct delivery.
 - Publicly post at or near each tap allowed only at non-residential sites and posting must stay up for at least 7 days.
- 3. Complete the following information:

PWS Name:		PWS ID:	Number of Sites Sampled:
Fendee Estates		ND5301764	Five (5)
Delivery Method:	□ Mail □ Hand/direct deliver □ Public Posting	y	Date Completed:

I certify that every site where lead and copper tap water samples were collected has been provided with the site specific test results along with a copy of the *Consumer Notice* which includes: contact information for the public water system, health effects explanation and steps to reduce exposure, maximum contaminant level goals, action levels, and their definitions.

Signature	Title	Phone Number

4. Send this form AND the distributed Consumer Notice to:

Division of Municipal Facilities 4201 Normandy Street Bismarck ND 58503-1324

Monitoring Period: 1/1/2022 to 12/31/2024

For Office Use Only

Consumer Notice of Tap Water Results

You are receiving this notice because you are served by a water tap where a sample was collected and tested for lead and copper in accordance with the Lead and Copper Rule. A copy of the results from the sample is enclosed with this notice.

The **action level** for lead is 0.015 milligrams per liter (0.015 mg/L). The action level is the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow. The **maximum contaminant level goal** for lead is 0 mg/L. This is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Health Effects of Lead:

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children.

- Infants and children who drink water containing lead in excess of the action level could experience delays in their physical or mental development.
- Children could show slight deficits in attention span and learning abilities.
- Adults who drink this water over many years could develop kidney problems or high blood pressure.

Steps to Reduce Exposure to Lead in Drinking Water:

- Use water from the cold tap for drinking, cooking and preparing formula.
- When your water has been sitting for several hours, you can minimize the
 potential for lead exposure by flushing your tap until the water becomes cold
 before using water for drinking or cooking.

Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Fendee Estates is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. Please contact Fendee Estates, Elaine Uhlman, 702-742-4166 for more information about these results.

Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline (1-800-426-4791) or at http://www.epa.gov/safewater/lead.

The **maximum contaminant level goal** for copper is 1.3 mg/L. This is also the **action level** for copper. You can follow the steps for reducing the lead in water to also reduce the copper in your drinking water. Excess copper may cause gastrointestinal upset and may cause symptoms in people with Wilson's disease. Long-term exposure may cause liver or kidney problems.

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Report Date: 9/27/24

Original Report Date: 9/27/24

24-S1922

System: 5301764 FENDEE ESTATES

Date Collected: 9/10/24 Date Received: 9/16/24

Time Collected: 13:00 Time Received: 8:37

Collected By: Shyra Sample Type: ROUTINE

City: HENDERSON

Log Number:

Location: ALC04

Comments:

Site: 5803 Victoria Unit H Kitchen

							Inorganic	
Parameter	Result	Units	Analy	Analysis		Method	Analyst	
			Date	Time	Analysis	Reference		
Copper (Cu)	0.0132	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd	
Lead (Pb)	< 0.001	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd	
Water Quality Parameters								
Temperature	22.	Deg C	9/16/24	8:37	Measured		C. Stocker	
Delivery Time (hours)	140.	hrs			Calc		Calculated	

Original Report Date: 9/27/24 Report Date: 9/27/24

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Log Number: 24-S1922 cont'd System: 5301764 FENDEE ESTATES

Statement: This analysis includes chemical content only, and does not determine the bacterial quality of the water.

Units: ug/L = micrograms per liter or part per billion (ppb)
mg/L = milligrams per liter or part per million (ppm)
umhos/cm = micromhos per centimeter or microSiemens
per centimeter (conductivity)

gr/gal = grains per gallon. 1 grain per gallon is the equivalent of 64.8 mg of calcium carbonate

per gallon or 17.1 ppm (hardness)

NTU = Nepholometric Turbidity Units

> = greater than
< = less than</pre>

Division of Chemistry

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1922 cont'd System: 5301764 FENDEE ESTATES

Qualifiers

Qualifiers are added to an analyte result to indicate a quality control failure. If a result has been noted with an alpha-numeric code, refer to this list of definitions for more information.

A### Laboratory Fortified Sample Matrix Recovery

The recovery of a known amount of analyte added to a portion of the sample was ###%.

B### Laboratory Fortified Blank Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

C### Analyte Hold Time Exceeded Before Arrival

Analyte hold time is ### hours. The hold time had been exceeded before the sample arrived at the laboratory.

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D### Analyte Hold Time Exceeded After Arrival

Analyte hold time is ### hours. The result was not able to be determined before the hold time had been exceeded.

E### Surrogate Recovery in a Sample

The recovery of a known amount of surrogate analyte added to the sample was ###%.

F### Surrogate Recovery in a Laboratory Reagent Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Reagent Blank was ###%.

G### Surrogate Recovery in a Laboratory Fortified Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Fortified Blank was ###%.

H### High Relative Percent Difference for a Sample Duplicate or a Laboratory Fortified Sample Matrix Duplicates The Relative Percent Difference of a Sample duplicate or a Laboratory Fortified Sample Matrix duplicate was high at ###%.

J Surrogate Recovery Not Available

The recovery of the surrogate analyte is not available because the sample was diluted after extraction.

K Laboratory Fortified Sample Matrix Recovery Not Available

The recovery of a known amount of analyte added to a portion of the sample is not available because of high native level in the sample.

L### Continuing Calibration Check Standard Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

M Elutriate Extraction Hold Time

The sample result was determined before the hold time of the elutriate extracted sample had been exceeded.

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1912 System: 5301764 FENDEE ESTATES

Date Collected: 9/10/24 Time Collected: 14:00 Collected By: Beb Ckarys
Date Received: 9/16/24 Time Received: 8:37 Sample Type: ROUTINE

City: HENDERSON Location: LC05 Comments:

Site: 13723 Kristina Unit A Bathroom

.....

Approved by: Toold J. Ussatis

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							Inorganic
Parameter	Result	Units	Analy	essessesses sis	 Method of	Method	Analyst
ratametet	Result	011200	Date	Time	Analysis	Reference	•
					 	-	
Inorganic Chemicals							
Copper (Cu)	< 0.01	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Lead (Pb)	< 0.001	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Water Quality Parameters							
Temperature Delivery Time (hours)	22. 139.	Deg C hrs	9/16/24	8:37	Measured Calc		C. Stocker

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1912 cont'd System: 5301764 FENDEE ESTATES

Statement. This analysis includes chemical content only.

Statement: This analysis includes chemical content only, and does not determine the bacterial quality of the water.

Units: ug/L = micrograms per liter or part per billion (ppb)
mg/L = milligrams per liter or part per million (ppm)
umhos/cm = micromhos per centimeter or microSiemens
per centimeter (conductivity)

gr/gal = grains per gallon. 1 grain per gallon is the equivalent of 64.8 mg of calcium carbonate per gallon or 17.1 ppm (hardness)

NTU = Nepholometric Turbidity Units

> = greater than
< = less than</pre>

Division of Chemistry

Report Date: 9/27/24 Original Report Date: 9/27/24

FENDEE ESTATES System: 5301764 24-S1912 cont'd Log Number:

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Oualifiers

Qualifiers are added to an analyte result to indicate a quality control failure. If a result has been noted with an alpha-numeric code, refer to this list of definitions for more information.

A### Laboratory Fortified Sample Matrix Recovery

The recovery of a known amount of analyte added to a portion of the sample was ###%.

B### Laboratory Fortified Blank Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

C### Analyte Hold Time Exceeded Before Arrival

> The hold time had been exceeded before the sample arrived at the laboratory. Analyte hold time is ### hours.

D### Analyte Hold Time Exceeded After Arrival

> Analyte hold time is ### hours. The result was not able to be determined before the hold time had been exceeded.

B### Surrogate Recovery in a Sample

The recovery of a known amount of surrogate analyte added to the sample was ###%.

P### Surrogate Recovery in a Laboratory Reagent Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Reagent Blank was ###%.

G### Surrogate Recovery in a Laboratory Fortified Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Fortified Blank was ###%.

High Relative Percent Difference for a Sample Duplicate or a Laboratory Fortified Sample Matrix Duplicates H### The Relative Percent Difference of a Sample duplicate or a Laboratory Fortified Sample Matrix duplicate was high at ###%.

Surrogate Recovery Not Available

The recovery of the surrogate analyte is not available because the sample was diluted after extraction.

Laboratory Fortified Sample Matrix Recovery Not Available ĸ

> The recovery of a known amount of analyte added to a portion of the sample is not available because of high native level in the sample.

L### Continuing Calibration Check Standard Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

Blutriate Extraction Hold Time

The sample result was determined before the hold time of the elutriate extracted sample had been exceeded.

Report Date: 9/27/24

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Original Report Date: 9/27/24

System: 5301764 FENDEE ESTATES

Date Collected: 9/10/24

Log Number:

/10/24 Time Collected: 13:58

24-S1911

Collected By: Kristen Burgess

Date Received: 9/16/24
City: HENDERSON

Time Received: 8:3
Location: LC04

Sample Type: ROUTINE

Comments:

Site: 5815 Isabella Unit A Kitchen

Approved by: 10dd). Ussatus

							Inorganic
Parameter	Result	Units	Analy Date	vsis Time	 Method of Analysis	Method Reference	Analyst
Inorganic Chemicals							
Copper (Cu)	0.0114	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Lead (Pb)	< 0.001	mg/L	9/25/24		ICP-MS	EPA 200.8	Todd
Water Quality Parameters				•	 		
Temperature Delivery Time (hours)	22. 139.	Deg C hrs	9/16/24	8:37	Measured Calc		C. Stocker Calculated

Original Report Date: 9/27/24 Report Date: 9/27/24

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Log Number: 24-S1911 cont'd System: 5301764 FENDEE ESTATES

Statement: This analysis includes chemical content only, and does not determine the bacterial quality of the water.

Units: ug/L = micrograms per liter or part per billion (ppb)
mg/L = milligrams per liter or part per million (ppm)
umhos/cm = micromhos per centimeter or microSiemens
per centimeter (conductivity)

per gallon or 17.1 ppm (hardness)

NTU = Nepholometric Turbidity Units

> = greater than
< = less than</pre>

Division of Chemistry

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1911 cont'd System: 5301764 FENDEE ESTATES

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Qualifiers

Qualifiers are added to an analyte result to indicate a quality control failure. If a result has been noted with an alpha-numeric code, refer to this list of definitions for more information.

A### Laboratory Fortified Sample Matrix Recovery

The recovery of a known amount of analyte added to a portion of the sample was ###%.

B### Laboratory Fortified Blank Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

C### Analyte Hold Time Exceeded Before Arrival

Analyte hold time is ### hours. The hold time had been exceeded before the sample arrived at the laboratory.

D### Analyte Hold Time Exceeded After Arrival

Analyte hold time is ### hours. The result was not able to be determined before the hold time had been exceeded.

E### Surrogate Recovery in a Sample

The recovery of a known amount of surrogate analyte added to the sample was ###%.

F### Surrogate Recovery in a Laboratory Reagent Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Reagent Blank was ###%.

G### Surrogate Recovery in a Laboratory Fortified Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Fortified Blank was ###%.

H### High Relative Percent Difference for a Sample Duplicate or a Laboratory Fortified Sample Matrix Duplicates

The Relative Percent Difference of a Sample duplicate or a Laboratory Fortified Sample Matrix duplicate
was high at ###\$.

J Surrogate Recovery Not Available

The recovery of the surrogate analyte is not available because the sample was diluted after extraction.

K Laboratory Fortified Sample Matrix Recovery Not Available

The recovery of a known amount of analyte added to a portion of the sample is not available because of high native level in the sample.

L### Continuing Calibration Check Standard Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

M Elutriate Extraction Hold Time

The sample result was determined before the hold time of the elutriate extracted sample had been exceeded.

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Original Report Date: 9/27/24

Report Date: 9/27/24

Log Number:

24-S1910

System: 5301764

FENDEE ESTATES

Date Collected: 9/10/24

Time Collected: 13:00

Collected By: Jose No

Date Received: 9/16/24 Time Received: 8:37 Location: ALC03

Sample Type: ROUTINE

Comments:

City: HENDERSON Site: Bathroom

Todd J. Ussatis

				Approved by:	1 - 0	W.J.C.C.	
							Inorganic
=======================================							
Parameter	Result	Units	Analy	rsis	Method of	Method	Analyst
			Date	Time	Analysis	Reference	•
Inorganic Chemicals							
Copper (Cu)	< 0.01	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Lead (Pb)	0.00151	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Water Ovality Parameters							
Water Quality Parameters							
Temperature	22.	Deg C	9/16/24	8:37	Measured		C. Stocker
Delivery Time (hours)	140.	hrs			Calc		Calculated

Original Report Date: 9/27/24 Report Date: 9/27/24

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Log Number: 24-S1910 cont'd System: 5301764 FENDEE ESTATES

Statement: This analysis includes chemical content only, and does not determine the bacterial quality of the water.

Units: ug/L = micrograms per liter or part per billion (ppb)
mg/L = milligrams per liter or part per million (ppm)
umhos/cm = micromhos per centimeter or microSiemens
per centimeter (conductivity)

NTU = Nepholometric Turbidity Units

> = greater than
< = less than</pre>

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1910 cont'd System: 5301764 FENDEE ESTATES

Oualifiers

Qualifiers are added to an analyte result to indicate a quality control failure. If a result has been noted with an alpha-numeric code, refer to this list of definitions for more information.

A### Laboratory Fortified Sample Matrix Recovery

The recovery of a known amount of analyte added to a portion of the sample was ###%.

B### Laboratory Fortified Blank Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

C### Analyte Hold Time Exceeded Before Arrival

Analyte hold time is ### hours. The hold time had been exceeded before the sample arrived at the laboratory.

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D### Analyte Hold Time Exceeded After Arrival

Analyte hold time is ### hours. The result was not able to be determined before the hold time had been exceeded.

R### Surrogate Recovery in a Sample

The recovery of a known amount of surrogate analyte added to the sample was ###%.

F### Surrogate Recovery in a Laboratory Reagent Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Reagent Blank was ###%.

G### Surrogate Recovery in a Laboratory Fortified Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Fortified Blank was ###%.

H### High Relative Percent Difference for a Sample Duplicate or a Laboratory Fortified Sample Matrix Duplicates

The Relative Percent Difference of a Sample duplicate or a Laboratory Fortified Sample Matrix duplicate

was high at ###%.

J Surrogate Recovery Not Available

The recovery of the surrogate analyte is not available because the sample was diluted after extraction.

K Laboratory Fortified Sample Matrix Recovery Not Available

The recovery of a known amount of analyte added to a portion of the sample is not available because of high native level in the sample.

L### Continuing Calibration Check Standard Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

M Blutriate Extraction Hold Time

The sample result was determined before the hold time of the elutriate extracted sample had been exceeded.

Report Date: 9/27/24

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Original Report Date: 9/27/24

24-S1909

System: 5301764 FENDEE ESTATES

Date Collected: 9/10/24 Date Received: 9/16/24

Log Number:

Time Collected: 15:00 Time Received: 8:37

Location: LC01

Collected By: Samuel Dyron Sample Type: ROUTINE

Comments:

City: HENDERSON

Site: 5801 Victoria Unit C

Todd J. Usratio

				Approved by:	100 (<u> </u>	Source 1
							Inorganic
						*********	0000000000
Parameter	Result	Units	Analy	rsis	Method of	Method	Analyst
			Date	Time	Analysis	Reference	
••••							
Inorganic Chemicals							
Copper (Cu)	0.0257	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Lead (Pb)	< 0.001	mg/L	9/25/24	12:59	ICP-MS	EPA 200.8	Todd
Water Quality Parameters							
Temperature	22.	Deg C	9/16/24	8:37	Measured		C. Stocker
Delivery Time (hours)	138.	hrs			Calc		Calculated

Page:

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1909 cont'd System: 5301764 FENDEE ESTATES

Statement: This analysis includes chemical content only, and does not determine the bacterial quality of the water.

Units: ug/L = micrograms per liter or part per billion (ppb)
mg/L = milligrams per liter or part per million (ppm)
umhos/cm = micromhos per centimeter or microSiemens
per centimeter (conductivity)

NTU = Nepholometric Turbidity Units

> = greater than
< = less than</pre>

Division of Chemistry

Original Report Date: 9/27/24 Report Date: 9/27/24

Log Number: 24-S1909 cont'd System: 5301764 FENDEE ESTATES

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Qualifiers

Qualifiers are added to an analyte result to indicate a quality control failure. If a result has been noted with an alpha-numeric code, refer to this list of definitions for more information.

A### Laboratory Fortified Sample Matrix Recovery

The recovery of a known amount of analyte added to a portion of the sample was ###%.

B### Laboratory Fortified Blank Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

C### Analyte Hold Time Exceeded Before Arrival

Analyte hold time is ### hours. The hold time had been exceeded before the sample arrived at the laboratory.

D### Analyte Hold Time Exceeded After Arrival

Analyte hold time is ### hours. The result was not able to be determined before the hold time had been exceeded.

E### Surrogate Recovery in a Sample

The recovery of a known amount of surrogate analyte added to the sample was ###%.

F### Surrogate Recovery in a Laboratory Reagent Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Reagent Blank was ###%.

G### Surrogate Recovery in a Laboratory Fortified Blank

The recovery of a known amount of surrogate analyte added to the Laboratory Fortified Blank was ###%.

H### High Relative Percent Difference for a Sample Duplicate or a Laboratory Fortified Sample Matrix Duplicates

The Relative Percent Difference of a Sample duplicate or a Laboratory Fortified Sample Matrix duplicate
was high at ###%.

J Surrogate Recovery Not Available

The recovery of the surrogate analyte is not available because the sample was diluted after extraction.

K Laboratory Fortified Sample Matrix Recovery Not Available

The recovery of a known amount of analyte added to a portion of the sample is not available because of high native level in the sample.

L### Continuing Calibration Check Standard Recovery

The recovery of a known amount of analyte added to laboratory reagent water was ###%.

M Elutriate Extraction Hold Time

The sample result was determined before the hold time of the elutriate extracted sample had been exceeded.