



Bureau of Environmental Health  
8930 Stanford Blvd | Columbia, MD 21045  
410.313.2640 - Voice/Relay  
410.313.2648 - Fax  
1.866.313.6300 - Toll Free

Maura J. Rossman, M.D., Health Officer

November 19, 2018

Mizan Gerbremichael  
3404 SHARP ROAD  
GLENWOOD, MD 21738

Emailed to: [mizan.g@gmail.com](mailto:mizan.g@gmail.com)

**RE: Water Sample Results  
3404 SHARP ROAD  
Invoice #: 34261**

Dear Mizan Gerbremichael,

We have received the results from the testing of the water sample(s) taken from the above referenced property on November 08, 2018. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant levels (SMCL), and drinking water equivalency levels (DWEL) are established by the EPA and other agencies to provide a reference for determining when action should be taken. These standards help to improve the overall quality of your water or ensure that steps are taken to treat the water to prevent you and your family from getting sick. Typically, no water is completely free of contamination but you should be concerned if the level of contamination for a particular test exceeds the standard.

A sample was collected to determine the **Nitrate** level in your water supply. The nitrate level was 7.86 parts per million. The MCL for nitrate is 10.0 parts per million.

A **Turbidity** sample was collected to determine the amount of suspended particulates in your water supply. The turbidity level was <0.5 nephelometric turbidity units (NTU's). The MCL for turbidity is 10.0 NTU's.

Please contact the Health Department at (410) 313-1773 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.

Sincerely,

A handwritten signature in black ink, appearing to read 'Kathleen Cook', is written over a white background.

Kathleen Cook, R.S.  
Community Hygiene Program

Enclosure



**Maura J. Rossman, M.D., Health Officer**

November 27, 2018

Mizan Gebremichael  
3404 SHARP ROAD  
GLENWOOD, MD 21738

Emailed to: [mizan.g@gmail.com](mailto:mizan.g@gmail.com)

**RE: Water Sample Results  
3404 SHARP ROAD**

Dear Mizan Gebremichael,

We have received the results from the testing of the water sample(s) taken from the above referenced property on November 19, 2018. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant levels (SMCL), and drinking water equivalency levels (DWEL) are established by the EPA and other agencies to provide a reference for determining when action should be taken. These standards help to improve the overall quality of your water or ensure that steps are taken to treat the water to prevent you and your family from getting sick. Typically, no water is completely free of contamination but you should be concerned if the level of contamination for a particular test exceeds the standard.

The results from the **Bacteria** testing found that bacteria was present in the sample taken from the bathroom faucet and at this time is not considered safe for all uses. According to drinking water standards there should be no bacteria present.

The results from the **Bacteria** testing found that your well water sampled from the bathroom faucet contains no bacteria at this time and is considered safe for all uses. According to drinking water standards there should be no bacteria present.

Please contact the Health Department at (410) 313-1773 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.

Sincerely,



Kathleen Cook, R.S.  
Community Hygiene Program

Enclosures

SEND REPORT TO:  
 Howard County Health Department  
 Bureau of Environmental Health  
 8930 Stanford Blvd.  
 Pikesville, Maryland 21045

State of Maryland  
 MDH - Laboratories Administration  
 DIVISION OF ENVIRONMENTAL SCIENCES  
 1770 Ashland Avenue, Baltimore, MD 21205  
 Robert A. Myers, Ph.D. Director

**MICROBIOLOGICAL ANALYSIS OF DRINKING WATER**

006440

Category Code: 4F Invoice No.: Retest Lab No.:

**FIELD RECORD**

**Sample Type:**  
 Community  
 Transient  
 Non-Transient  
 Private  
 Repeat Sample  
 C.O.P  
 Bottled Water  
 OTHER:

Source Address: 30 Jonathan Hagers, 3404 Sharp Rd  
 Sampling Site: Bathroom Bottle No.: HC 3404  
 Ice: Yes  No  Treated: Yes  No  County: Howard  
 Date Collected: 11/19/18 Time Collected: 10:00  am  pm  
 Collector Name: B. Shklyar Collector ID No.: 3179 BS  
 Collector Tel. No.: 410-313-1787 PWS ID No.:

**Test Requested:**  
 Quantitative: Colilert-QT  P/A: Colilert  
 Heterotrophic Plate Count  SimPlate  
 Multiple Tube Fermentation: MTF  
 Quantitative: Enterolert  
 Other:

County: 13 Plant No. Sampling Station  
 pH: 6.8 Res.Cl: 00 Free: 00 Total: 00

Remarks:

**LABORATORY RECORD (MDH Use Only)**

**Test Method(s):** (check all that apply)  
 SM 9223 Colilert  SM 9223 Colilert-QT  SM 9223 Colilert-18  
 SM 9221B (MTF)  SM 9221B, F (MTF)  SM 9223 Colisure  
 SM 9215B (HPC)  Enterolert ASTM D6503-99  SimPlate  
 Other:

Temperature Control: 3.9 °C Thiosulfate:  Present  Absent  Undetermined

**P/A Test**

100 mL Sample	(+/-)
Total Coliforms	
<i>E. coli</i>	
Enterococci	

**Quantitative Test**

Dilution:  1:10  1:100  1:1000

100 mL Sample	# Positive wells	MPN/100 mL
Total Coliforms	1-0	1
<i>E. coli</i>	0-0	<1
Enterococci		

**Heterotrophic Plate Count**  
 Incubated 24, 48, 72hr @ 35°C

Plate A:   
 Plate B:

Average **RECEIVED** CFU/mL  
 MPN/mL

**NOV 27 2018**  
 HOWARD COUNTY HEALTH DEPT.  
 COMMUNITY HYGIENE PROGRAM  
 MTF Results

No. of Positive (+)	MPN/100 mL	Recorded Value

NOV 19 '18 PM 1:54 CP  
 Received  
 NOV 19 '18 PM 3:22 CP  
 Placed in Incubator  
 NOV 20 '18 AM 9:30 CP  
 Results Read/Reported

**Presumptive MTF Test**

mL of Sample	10 mL
Gas/24h	
Gas/48h	

**Confirmed MTF Test**

mL of Sample	10 mL
Total Coliforms	
<i>E. coli</i>	

**Specialized Testing Results:**

Analyst: J. Hays 11-20-18 Reviewed by/Date: J. Hays 11-20-18  
 Remarks:  Fax  Email  Phone

Laboratory:  Central Lab (443) 681-3960  ESRL (410) 219-9005  WMRL (301) 759-5115  
 This report shall not be reproduced except in full without the written approval of the laboratory. Results only valid for sample received.

SEND REPORT TO:

Howard County Health Department  
Bureau of Environmental Health

8930 Stanford Blvd.  
Columbia, Maryland 21045

State of Maryland  
MDH Laboratories Administration  
DIVISION OF ENVIRONMENTAL SCIENCES  
1770 Ashland Avenue, Baltimore, MD 21205  
Robert A. Myers, Ph.D. Director

MICROBIOLOGICAL ANALYSIS OF DRINKING WATER

Category Code: 4 F

Invoice No.: Retest

Lab No.: 005441

FIELD RECORD

Sample Type:

- Community
- Transient
- Non-Transient
- Private
- Repeat Sample
- C.O.P
- Bottled Water
- OTHER:

Source Address: Johnathan Hagos, 3404 Sharp Rd.  
 Sampling Site: Master Bathroom Bottle No.: HC 3404-1  
 Ice: Yes  No  Treated: Yes  No  County: HOWARD  
 Date Collected: 11/14/18 Time Collected: 10:00  am  pm  
 Collector Name: B. SHKLYAV Collector ID No.: 3179 BS  
 Collector Tel. No.: 410-313-1787 PWS ID No.:

Test Requested:

- Quantitative: Colilert-QT  P/A: Colilert
- Heterotrophic Plate Count  SimPlate
- Multiple Tube Fermentation: MTF
- Quantitative: Enterolert
- Other:

County: 13 Plant No. Sampling Station  
 pH: 6.8 Res.Cl: 0.0 Free: 0.0 Total: 0.0

Remarks:

LABORATORY RECORD (MDH Use Only)

Test Method(s): (check all that apply)

- SM 9223 Colilert  SM 9223 Colilert-QT  SM 9223 Colilert-18
- SM 9221B (MTF)  SM 9221B, F (MTF)  SM 9223 Colisure
- SM 9215B (HPC)  Enterolert ASTM D6503-99  SimPlate
- Other:

Temperature Control:

3.9 °C

Thiosulfate:

- Present
- Absent
- Undetermined

P/A Test

100 mL Sample	(+/-)
Total Coliforms	
E. coli	
Enterococci	

Quantitative Test

Dilution:  1:10  1:100  1:1000

100 mL Sample	# Positive wells	MPN/100 mL
Total Coliforms	0-0	<1
E. coli	0-0	<1
Enterococci		

Heterotrophic Plate Count

Incubated 24, 48, 72hr @ 35°C

Plate A:   
 Plate B:

Average **RECEIVED** CFU/mL MPN/mL

NOV 19 '18 PM 1:54

Received

NOV 19 '18 PM 3:22

Placed in Incubator

NOV 20 '18 AM 9:30

Results Read/Reported

Presumptive MTF Test

mL of Sample	10 mL
Gas/24h	
Gas/48h	

Confirmed MTF Test

mL of Sample	10 mL
Total Coliforms	
E. coli	

NOV 27 2018  
 HOWARD COUNTY HEALTH DEPT.  
 COMMUNITY HYGIENE PROGRAM  
 MTF Results

No. of Positive (+)	MPN/100 mL	Recorded Value

Specialized Testing Results:

Analyst: J. Payne 11-20-18

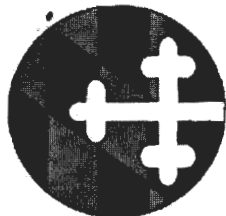
Reviewed by/Date: J. Holm 11-20-18

Remarks:

Fax  Email  Phone

Laboratory:  Central Lab (443) 681-3960  ESRL (410) 219-9005  WMRL (301) 759-5115

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State of Maryland  
Department of Health  
Laboratories Administration  
Division of Environmental Sciences  
**INORGANICS ANALYTICAL LABORATORY**  
1770 Ashland Avenue, Baltimore, Maryland 21205  
Robert Myers, Ph.D., Director



## Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH  
8930 STANFORD BLVD  
COLUMBIA, MD 21045

Lab Project No: E19001594 Date Coll. 11/08/2018 Date Received 11/08/2018 Submitted By: Shkiyar

Field ID: HC3404  
Lab No.: E19001594001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Nitrate + Nitrite, as N	EPA 353.2	7.86	mg N/L	11/15/2018
Turbidity	EPA 180.1	<0.5	NTU	11/09/2018

### Comments:

Approved by: Shahin Aneli

Approval date: 11/15/2018

\*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN. Samples are tested as received.

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-6190 and arrange for return or destruction.

Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

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SEND REPORT TO:

MDH - Laboratories Administration

called 11/20/18 left VM (TR)

Howard County Health Department

DIVISION OF ENVIRONMENTAL SCIENCES

Bureau of Environmental Health

1770 Ashland Avenue, Baltimore, MD 21205

Robert A. Myers, Ph.D. Director

8930 Stanford Blvd.  
Columbia, Maryland 21045

**MICROBIOLOGICAL ANALYSIS OF DRINKING WATER**

Category Code: 4E

Invoice No.: Retest

Lab No.:

**006440**

**FIELD RECORD**

**Sample Type:**

- Community
- Transient
- Non-Transient
- Private
- Repeat Sample
- C.O.P
- Bottled Water
- OTHER:

Source Address: Jonathan Hagers, 3404 Sharp Rd  
 Sampling Site: Bathroom Bottle No.: HC 3404  
 Ice: Yes  No  Treated: Yes  No  County: Howard  
 Date Collected: 11/19/18 Time Collected: 10:00  am  pm  
 Collector Name: B. Shklyar Collector ID No.: 3179 BS  
 Collector Tel. No.: 410-313-1787 PWS ID No.:

**Test Requested:**

- Quantitative: Colilert-QT  P/A: Colilert
- Heterotrophic Plate Count  SimPlate
- Multiple Tube Fermentation: MTF
- Quantitative: Enterolert
- Other:

County: 13 Plant No.      Sampling Station       
 pH 6.8 Res.Cl: 00 Free 00 Total 00

Remarks:

**LABORATORY RECORD (MDH Use Only)**

**Test Method(s):** (check all that apply)

- SM 9223 Colilert  SM 9223 Colilert-18
- SM 9221B (MTF)  SM 9221B, F (MTF)  SM 9223 Colisure
- SM 9215B (HPC)  Enterolert ASTM D6503-99  SimPlate
- Other:

Temperature Control: 3.9 °C

**Thiosulfate:**

- Present
- Absent
- Undetermined

**P/A Test**

100 mL Sample	(+/-)
Total Coliforms	
E. coli	
Enterococci	

**Quantitative Test**

Dilution:  1:10  1:100  1:1000

100 mL Sample	# Positive wells	MPN/100 mL
Total Coliforms	<u>1-0</u>	<u>1</u>
E. coli	<u>0-0</u>	<u>&lt;1</u>
Enterococci		

**Heterotrophic Plate Count**  
Incubated 24, 48, 72hr @ 35°C

Plate A:       
Plate B:     

Average:      CFU/mL  
MPN/mL

**RECEIVED**  
NOV 20 2018  
HOWARD COUNTY HEALTH DEPT.  
COMMUNITY HYGIENE PROGRAM  
MTF Results

NOV 19 '18 PM 1:54 CP

Received

NOV 19 '18 PM 3:22 AP

Placed In Incubator

NOV 20 '18 AM 9:30 CP

Results Read/Reported

**Presumptive MTF Test**

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Total Coliforms	
E. coli	

No. of Positive (+)	MPN/100 mL	Recorded Value

**Specialized Testing Results:**

Analyst: J. Myers 11-20-18

Reviewed by/Date: J. Gysin 11-20-18

Remarks:

Fax  Email  Phone

Laboratory:  Central Lab (443) 681-3960  ESRL (410) 219-9005  WMRL (301) 759-5115

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