

Bureau of Environmental Health  
7178 Columbia Gateway Drive  
Columbia, MD 21046-2147  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: [www.hchealth.org](http://www.hchealth.org)

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Peter L. Beilenson, M.D., M.P.H., Health Officer

April 08, 2008

BRENDA ZIRKLE  
PO BOX 411  
MOUNT AIRY, MD 21771

**RE: Water Sample Results**  
**1601 SHAFFERSVILLE ROAD**  
**Invoice #: 5-009278**

Dear BRENDA ZIRKLE,

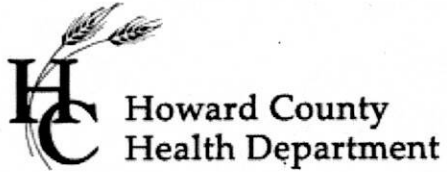
We have received the results from the testing of the water sample(s) taken from the above referenced property on March 20, 2008. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant 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 3.2 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 0.7 nephelometric turbidity units (NTU's). The MCL for turbidity is 10.0 NTU's.

The results from the **Bacteria** testing found that your well water 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) 313-1792 between 8:30 a.m. and 4:30 p.m., Monday through Friday if you have any questions regarding these test results.

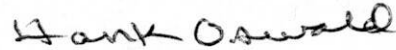


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**Peter L. Beilenson, M.D., M.P.H., Health Officer**

Sincerely,



Hank Oswald, R.S.  
Community Hygiene Program

Enclosures

INV#5-009278

STATE OF MARYLAND 40 - 94-0998  
DEPARTMENT OF HEALTH AND MENTAL HYGIENE  
LABORATORIES ADMINISTRATION  
201 W. Preston Street  
PO BOX 2355, Baltimore, Maryland 21203  
John M. Deboy, Dr. P.H., Director

Category Code 4G

Lab. No. 014013

BACTERIOLOGICAL DRINKING WATER REPORT  
Field Record

Community   
 Non-Community   
 Non-Transient   
 Private   
 Check Sample   
 C.O.P.

Source Branda Zirkie  
 Location: 1601 Shoppersville Rd. powder room sink  
 Iced: Yes  No   
 Treated Yes  No  Time Collected 9:45  a.m.  p.m.  
 Collector # R. Staniewicz  
 Collector Name 99002Y Bottle No. HW1601-20B  
 County Howard

TEST  
 QUANTITATIVE   
 P/A   
 MTF

County 13 Plant No. --- Sampling Station --- Date Collected 3 20 08  
 pH 7.6 Res. Cl: Free 00 Total 00 Card No. ---

LABORATORY RECORD

PRESUMPTIVE MTF • P/A TEST\*

ml of Sample	10 ml.		100 ml.	
	+	+	+	+
Gas. 24 hours				
Gas. 48 hours				

CONFIRMED MTF • P/A TEST

ml of Sample	10 ml.		100 ml.		No. of +
	+	+	+	+	
Coliforms †					
Fecal Coliforms ‡					

P/A TEST (CONFIRMED) \*\*\*

ml. of Sample	100 ml.
Total Coliforms	
E. Coli	

QUANTITATIVE TEST (CONFIRMED) \*\*\*

100 ml. of Sample	No. of Pos	MPN
Total Coliforms	0	<1
E. Coli	0	<1

\*\* Presumptive Coliforms/100 ml. (Membrane Filter) =           
 † Verified Total Coliforms/100 ml. (Membrane Filter) ÷           
 ‡ Verified Fecal Coliforms/100 ml. (Membrane Filter) =           
 24 • 48 • 72 Hrs/Heterophic Plate Count \$/ml. =         

Temp. Control 1.0 °C - 22

- \*\* using m Endo-Agar LES at 35° C incubation
- \* using Lauryl Sulfate Trypticase Broth at 35° C incubation
- † using Brilliant Green Lactose Bile Broth at 35° C incubation
- ‡ using EC Broth at 44.5° C incubation
- \$ using Plate Count Agar at 35° C incubation
- \*\*\* using ONPG-MCG at 35° C incubation

Remarks           
Date & Hour 08 MAR 20 PM 2:33

08 MAR 20 PM 4:00

08 MAR 21 PM 4:14

Rec.d LMP Laboratory  
 Exam 707L E. SHORE REG.   
 Rept. 707L CENTRAL  S. MD REG.   
 W. MD REG.

Bacteriologist 707L

**SEND REPORT TO:**  
 Howard County Health Department  
 Bureau of Environmental Health  
 7178 Columbia Gateway Drive  
 Columbia, Maryland 21046

**DEPARTMENT OF HEALTH AND MENTAL HYGIENE**  
 Laboratories Administration  
 201 W. Preston St.  
 P.O. Box 2355, Baltimore, Maryland 21203

Lab No. \_\_\_\_\_ Date Received \_\_\_\_\_

0003243 20 8

**WATER ANALYSIS**

Do not write above this line.

INV# 5-009278

**S** Bottle Number HW 1601-20 Name Brenda Zirkle County Howard County Code 13

**A** Source 1601 Shoppersville Rd. Mt Airy 21771 POWDER SUCK Data Category Code 4F

**M** Collected: Date 3/20/08 Time 9:45 Collector & Phone Rebecca Staniewicz 410-313-1773 Submitter Code \_\_\_\_\_

**P** CHECK (one per box)

Drinking Water <input checked="" type="checkbox"/>	Community Non-community <input type="checkbox"/>	Source (raw water) <input checked="" type="checkbox"/>	Emergency Routine <input checked="" type="checkbox"/>	Federal Project <u>5</u>
Landfill <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	Distribution (treated) <input type="checkbox"/>	Recheck <input type="checkbox"/>	
Stream <input type="checkbox"/>	Other <input type="checkbox"/>	MCL <input type="checkbox"/>	Special <input type="checkbox"/>	
Other <input type="checkbox"/>				

**F** Plant No. \_\_\_\_\_ Sampling Station \_\_\_\_\_ Preservation: Iced  Acid  Type of Acid H2SO4

**I** pH 7.6 Chlorine: Free 0.0 Total 0.0 Specific Conductance \_\_\_\_\_

**E** Notes to Lab/Remarks: \_\_\_\_\_

**L** \_\_\_\_\_

**D** \_\_\_\_\_

CHECK TESTS	TESTS	ERROR CODE	RESULTS
	Alkalinity (Total)		
	Ammonia - N		
	Chloride		
	Color*		
	Conductance*, Spec.		
	Dissolved Solids		
	Hardness		
	Fluoride		
	Nitrite, N		
✓	Nitrate - Nitrite, N		3.2 3-21-08
	Sulfate		
	Total Solids		
✓	Turbidity*		0.7 3-21-08
	Other:		

\* Results reported in Units, all others in milligrams per liter (ppm)

Number of Tests Requested

Section Chief Asoka I. Katumuluwa

Date Reported MAR 24 2008