

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

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

August 9, 2007

Harry Brodie
8373 Reservoir Road
Fulton, MD 20759

RE: Water Sample Result
Invoice #5-009551

Dear Mr. Brodie:

A sample for **arsenic** was collected on **July 11, 2007** to ascertain the level of **arsenic** in your water supply. The **arsenic** level revealed was **<0.002 parts per million (ppm)**, or less than the detection level for this method. The **maximum contaminant level (MCL)** for **arsenic** is **0.010 ppm**.

Sampling of the water supply for **Mercury** contaminants was conducted on **July 11, 2007**. The result of the **Mercury** test was **< 0.0005 parts per million (ppm)**, or less than the detection level for this test method. This result is below the current **maximum contaminant level (MCL)** of **0.002 ppm**. The **MCL** is a standard established by the Environmental Protection Agency (EPA) to protect the public against consumption of drinking water contaminants that present a risk to human health.

A **copper** sample was also collected on **July 11, 2007** to ascertain the level of **copper** in your water supply. The **copper** level revealed was **8.09 parts per million (ppm)**. The **secondary maximum contaminant level (SCL)** for **copper** is **1.3 parts per million (ppm)**.

The lead sample recently submitted for testing was found to contain a lead level of **0.025 parts per million (ppm)**. The **maximum contaminant level** for lead is **0.015 ppm**.

A copy of each test report and literature for each element is enclosed for your records. Please contact the **Health Department** at (410) 313-1773 between **8:00 a.m.** and **5:00 p.m.**, **Monday** through **Friday** if questions remain.

Sincerely yours,

Hank Oswald, Program Supervisor
Community Hygiene Program

HO/vyf
Enclosures

STATE OF MARYLAND
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

Invoice #
5-009551

Tag #
02070318

Category Code 4G Lab. No. _____

BACTERIOLOGICAL DRINKING WATER REPORT
Field Record

Source Harry Brodie (1st flr. Vabatt)
Location: 8373 Reservoir Rd, Fulton 20759
Iced: Yes No a.m.
Treated Yes No Time Collected 9:00 p.m.
Collector # RM2193 Bottle No. 46-RM-8373
Collector Name James Martin County Howard

TEST QUANTITATIVE P/A MTF
County 13 Plant No. Sampling Station Date Collected 7 11 07
pH 6.5 Res. Cl: Free 00 Total 00 Card No.

LABORATORY RECORD

Thiosulfate: Pres. Absent Undetermined

PRESUMPTIVE MTF • P/A TEST*

CONFIRMED MTF • P/A TEST

ml. of Sample	10 ml.	100 ml.	ml. of Sample	10 ml.	100 ml.	No. of +
Gas, 24 hours			Coliforms †			
Gas, 48 hours			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	<u>3</u>	<u>3</u>
E. Coli	<u>0</u>	<u>21</u>

301 490 6470

** Presumptive Coliforms/100 mi. (Membrane Filter) =

† Verified Total Coliforms/100 mi. (Membrane Filter) ÷

‡ Verified Fecal Coliforms/100 mi. (Membrane Filter) =

410-302-0378

24 • 48 • 72 Hrs/Heterophic Plate Count §/ml. =

Temp. Control 6 °C

- ** 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 07 JUL 11 PM 3:14 Rec.d _____
07 JUL 11 PM 4:07 Exam _____
07 JUL 12 PM 4:30 Rept. _____
 Laboratory _____
 E. SHORE REG. S. MD REG.
 CENTRAL W. MD REG.
 Bacteriologist

SEND REPORT TO:

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Laboratories Administration

201 W. Preston St.

P.O. Box 2355, Baltimore, Maryland 21203

Lab No. Date Received

C000108 #129

Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Drive
Columbia, Maryland 21046

WATER ANALYSIS

Invoice # 5-009551

Do not write above this line.

A M P L E I D

Bottle Number HO-RM-8373 Name Harry Brodie County Howard County Code 13

Source 8373 Reservoir Rd, Fulton 21051 20759 (1st floor / laundry RM) Data Category Code 4G

Collected: Date 7/11/07 Time 9:00 AM Collector & Phone Ranger Martin 410-313-2694 Submitter Code

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 type="checkbox"/>	Federal Project <input type="checkbox"/>
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 I E L D

Plant No. Sampling Station Preservation: Iced Acid Type of Acid H2SO4

pH 6.5 Chlorine: Free 0.0 Total 0.0 Specific Conductance

Notes to Lab/Remarks:

CHECK TESTS	TESTS	ERROR CODE	RESULTS
	Alkalinity (Total)		
	Ammonia - N		
	Chloride		
	Color*		
	Conductance*, Spec.		
	Dissolved Solids		
	Hardness		
	Fluoride		
	Nitrite, N		
✓	Nitrate - Nitrite, N		<u>8.3</u> <u>7-16-07</u>
	Sulfate		
	Total Solids		
	Turbidity*		
	Other:		

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

Number of Tests Requested

Section Chief Asoka I. Katumuluwa

Date Reported JUL 17 2007

Send Report To:

Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Drive
Columbia, Maryland 21046

State of Maryland
DHMH - Laboratories Administration
Division of Environmental Chemistry
MULTI-ELEMENT SECTION
201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P.H. Director

Lab No. Date Received

A780066 11 07

Do not write above this line

LABORATORY ANALYSIS REQUEST

Invoice # 5-009551

Sample ID No: HO-RM-8373 Site Name: Harry Brodie County: Howard

Sample Source: 8373 Reservoir Rd, Fulton, 20759 Collector: Ramar Martin
Street Town or City

Date Collected: 7/11/2007 Time Collected: 9:00 (a.m.) p.m. Phone #: 410-313-2694

Field Preserved: Yes No Preservative Used: HNO₃

Sample Type: Drinking Water Landfill Source (Raw Water) Liquid
 Community (MCL) Stream Distribution (Treated) Solid
 Non-Community Sediment Other _____
 Private

Specify Program: SDWA NPDES CWA RCRA Consumer Products Other _____

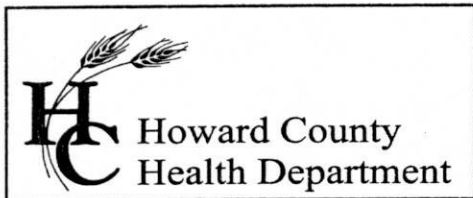
Type of Sample Preparation: TCLP Total Metals Total Metals Dissolved Metals
(field preparation required)

Remarks:

✓ Element	Results (ppm)	✓ Element	Results (ppm)
Antimony (Sb)		Copper (Cu)	* 8.09 8.09 ✓ 3/25/07
✓ Arsenic (As)	< 0.002	✓ Lead (Pb)	0.025
Barium (Ba)		Aluminum (Al)	
Beryllium (Be)		Calcium (Ca)	
Cadmium (Cd)		Iron (Fe)	
Chromium (Cr)		Magnesium (Mg)	
✓ Mercury (Hg)	< 0.0005	Manganese (Mn)	
Nickel (Ni)		Potassium (K)	
Selenium (Se)		Silver (Ag)	
Sodium (Na)		Zinc (Zn)	
Thallium (Tl)		* Copper (Cu)	8.09

Lab Supervisor: Y. Li. Sen. Choy

Date Reported: 7/11/2007
vme
25



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

July 23, 2007

Harry Brodie
8373 Reservoir Road
Fulton, MD 20759

RE: Water Results
Invoice #5-009551

Dear Mr. Brodie:

The water sample recently submitted for testing on **July 11, 2007** was found to contain **coliform bacteria** indicating that some contamination is present. It is possible that pathogenic bacteria could enter your water supply at anytime.

It is recommended that the well casing, well cap, and all plumbing fixtures be checked for defects and sources of contamination. After inspection, your well should be sanitized following the enclosed guidelines.

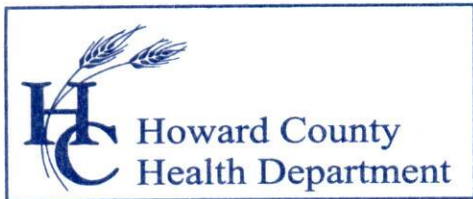
A **nitrate** sample was collected on **July 11, 2007** to ascertain the levels of **nitrate** in your water supply. The **nitrate** level revealed was **8.3 ppm (parts per million)**. The **maximum contaminant level (MCL)** is **10.0 ppm**.

Please contact the **Health Department** at **(410) 313-1773** between **8:00a.m. - 5:00p.m.**, to arrange for follow-up testing once you have completed the chlorination process. Presently, there is no charge for this service.

Sincerely yours,

Hank Oswald, Program Supervisor
Community Hygiene Program

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

July 19, 2007

**Harry Brodie
8373 Reservoir Road
Fulton, MD 20759**

**RE: Water Results
Invoice #5-009551**

Dear Mr. Brodie:

A **nitrate** sample was collected on **July 11, 2007** to ascertain the levels of **nitrate** in your water supply. The **nitrate** level revealed was **8.3 ppm (parts per million)**. The **maximum contaminant level (MCL)** is **10.0 ppm**.

A copy of each test results is enclosed. If there are any questions or to arrange an appointment, please contact the **Health Department** at **(410) 313-1773** between **8:00 a.m. and 5:00 p.m., Monday through Friday**.

Sincerely yours,

**Hank Oswald, Program Supervisor
Community Hygiene Program**

**HO/vyf
Enclosure**

7/19

Veronica

Now that bacteria
came in before Nitrals
letter was signed, can we
combine into 1 letter or
mail both letters together
TV Best