

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](http://www.hchealth.org)

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

June 19, 2007

Barbara Stevens  
6718 Surrey Lane  
Clarksville, MD 21029

RE: Water Sample Results  
Invoice No. 5-008304

Dear Ms. Stevens:

The water sample recently collected from your house from the 1<sup>st</sup> floor bathroom tap on **June 7, 2007** was found to be free of **coliform** and **E. coli** bacteria. The water supply is currently considered bacteriologically safe for consumption.

A nitrate sample was collected on **June 7, 2007** to ascertain the levels of nitrate in your water supply. The nitrate level revealed was **5.1 ppm (parts per million)**. The **maximum contaminant level (MCL)** is **10.0 ppm**.

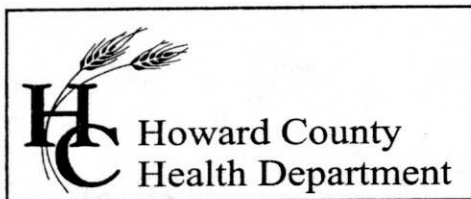
A **turbidity** sample was also collected on **June 7, 2007** to ascertain the levels of **turbidity** in your water supply. The **turbidity** level revealed was **<0.5 nephelometric turbidity units (NTU's)**. The **maximum contaminant level (MCL)** is **10.0 NTU's**.

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



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

June 19, 2007

Barbara Stevens  
6718 Surrey Lane  
Clarksville, MD 21029

RE: Water Sample Results  
6718 Surrey Road

Dear Ms. Stevens:

At your request, your well water supply was tested for lead on (6/7/2007).

Pre and post lead samples were collected. The pre sample (taken prior to the pipelines being flushed), indicated a lead level of (**<0.005 parts per million (ppm)**). The post sample (taken after the lines were flushed), indicated a lead level of (**<0.005 ppm**). The pre& post lead level were below the maximum containment level of **0.015 ppm**.

A copper sample was also collected on 6/7/2007 to ascertain the level of copper in your water supply. The copper level revealed was **0.33 parts per million (ppm)**. The secondary contaminant level (SCL) is **1.0 parts per million (ppm)**.

A copy of each test report is enclosed for your records. If questions arise, please contact this office at (410) 313-1773 between the hour of 8:00 a.m. and 5:00 p.m., Monday thru Friday.

Sincerely,

Hank Oswald, Program Supervisor  
Community Services Program

HO/vyf  
Enclosures

Send Report To:

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

**LABORATORY ANALYSIS REQUEST**

Lab No. Date Received

A773059 3-7 9

Do not write above this line

Post

Sample ID No: HW-6718-B Site Name: Barbara Stevens County: Howard

Sample Source: 6718 Surrey Ln. Clarksville 21029 Collector: Heidi Scott  
Street Town or City

Date Collected: 6/7/2007 Time Collected: 1020 a.m. \_\_\_\_\_ p.m. Phone #: 410 313-6287

Field Preserved: Yes ☒ No ☐

Preservative Used: ☒ HNO<sub>3</sub>

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)	
Arsenic (As)		✓ Lead (Pb)	< 0.005
Barium (Ba)		Aluminum (Al)	
Beryllium (Be)		Calcium (Ca)	
Cadmium (Cd)		Iron (Fe)	
Chromium (Cr)		Magnesium (Mg)	
Mercury (Hg)		Manganese (Mn)	
Nickel (Ni)		Potassium (K)	
Selenium (Se)		Silver (Ag)	
Sodium (Na)		Zinc (Zn)	
Thallium (Tl)			

Lab Supervisor: Y. Lai-Sen-Cheng

Date Reported: 6/15/2007

Send Report To:

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

A773058 5-7 107

Do not write above this line

**LABORATORY ANALYSIS REQUEST**

Inv# 5-008304

Pre

HW-6718-A HW-6718-3 Copper

HW-6718-B

Sample ID No: \_\_\_\_\_ Site Name: Barbara Stevens County: Howard

Sample Source: 6718 Surrey Ln. Clarksville 21029 Collector: Hindi Scott  
Street Town or City

Date Collected: 6/7/2007 Time Collected: 10:15 a.m. \_\_\_\_\_ p.m. Phone #: 410-313-6287

Field Preserved: Yes ☒ No ☐ Preservative Used: ☒ HNO<sub>3</sub>

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)	<u>0.35</u>
	Arsenic (As)		✓	Lead (Pb)	<u>&lt; 0.005</u>
	Barium (Ba)			Aluminum (Al)	
	Beryllium (Be)			Calcium (Ca)	
	Cadmium (Cd)			Iron (Fe)	
	Chromium (Cr)			Magnesium (Mg)	
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Potassium (K)	
	Selenium (Se)			Silver (Ag)	
	Sodium (Na)			Zinc (Zn)	
	Thallium (Tl)				
			✓	Copper	<u>0.33</u>

07 6/15/07

Lab Supervisor: J. Lai-Sen-Choy

Date Reported: 6/15/2007

## 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

C004205 3-8 9

## WATER ANALYSIS

Do not write above this line.

A  
M  
P  
L  
E  
I  
D

Inv# 5-068304

Bottle Number HW-6718-2 Name Barbara Stevens County Howard County Code 13

Source 6718 Surrey Ln. Clarksville, MD 21029 Data Category Code 46

Collected: Date 6/7/07 Time 10 am Collector & Phone Heidi Scott 410-313-6287 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 Recheck Special <input type="checkbox"/>	Federal Project <u>S</u>
Landfill <input type="checkbox"/>	Private <input checked="" type="checkbox"/>	Distribution (treated) <input type="checkbox"/>		
Stream <input type="checkbox"/>	Other <input type="checkbox"/>	MCL <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: no R/O system

CHECK TESTS	TESTS	ERROR CODE	RESULTS
	Alkalinity (Total)		
	Ammonia - N		
	Chloride		
	Color*		
	Conductance*, Spec.		
	Dissolved Solids		
	Hardness		
	Fluoride		
	Nitrite, N		
✓	Nitrate - Nitrite, N		5.1 6-11-07
	Sulfate		
	Total Solids		
✓	Turbidity*		20.5 6-8-07
	Other:		

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

Number of Tests Requested 02Section Chief Asoka I. KatumuluwaDate Reported JUN 13 2007

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

Category Code

Lab. No.

BACTERIOLOGICAL DRINKING WATER REPORT  
Field Record

Source Barbara Stevens 1st floor bathroom  
Location: 6718 Surrey Ln. Clarksville 21029  
Iced: Yes ☒ No ☐ ☒ a.m.  
Treated Yes ☐ No ☒ Time Collected 1015 ☐ p.m.  
Collector # 9957HS Bottle No. HW-6718-1  
Collector Name Heidi Scott County Howard

TEST  
QUANTITATIVE ☒ P/A ☐ MTF ☐  
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	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  $\$/\text{ml.}$  =

Temp. Control 2.0 °C - YS

- \*\* 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 JUN 7 PM 2:02

'07 JUN 7 PM 2:31

'07 JUN 8 PM 3:04

Rec.d

Exam

Rept.

Laboratory

E. SHORE REG. ☐

S. MD REG. ☐

CENTRAL ☒

W. MD REG. ☐

Bacteriologist

J. Simon