



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

May 23, 2008

CHARLES SUTER  
3578 SYLVAN LN  
ELLICOTT CITY, MD 21043

**RE: Water Sample Results**  
**3578 SYLVAN LANE**  
**Invoice #: C003791**

Dear CHARLES SUTER,

We have received the results from the testing of the water sample(s) taken from the above referenced property on May 12, 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.

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.

A sample was collected to determine the **Nitrate** level in your water supply. The nitrate level was 5.2 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.

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.



Howard County  
Health Department

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

Sincerely,

Hank Oswald, R.S.  
Community Hygiene Program

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

Category Code 46

INV. NO. 5-009310 Lab. No. 016792  
BACTERIOLOGICAL DRINKING WATER REPORT  
Field Record

Source Charles Suby  
Location: 3578 Sylvan Lane  
(Bathroom Fanlight)  
Iced: Yes ☒ No ☐  
Treated: Yes ☐ No ☒ Time Collected 9:45  
Collector # 1398 HB Bottle No. HC-3578-08  
Collector Name Nank Olwahl County HOWARD

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

TEST  
QUANTITATIVE ☒  
P/A ☐  
MTF ☐

County 13 Plant No.      Sampling Station      Date Collected 5 12 08  
pH 6.8 Res. Cl: Free 00 Total 00 Card No.     

LABORATORY RECORD

Thiosulfate: Pres. ☒ Absent ☐ Undetermined ☐

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.
Coliforms †		
Fecal Coliforms ‡		

No. of +

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>0</u>	<u>&lt;1</u>
E. Coli	<u>0</u>	<u>&lt;1</u>

\*\* Presumptive Coliforms/100 mi. (Membrane Filter) =       
† Verified Total Coliforms/100 mi. (Membrane Filter) ÷       
‡ Verified Fecal Coliforms/100 mi. (Membrane Filter) =     

24 • 48 • 72 Hrs/Heterophic Plate Count  $\frac{1}{\text{ml}}$  =     

Temp. Control 6 °C BA

\*\* 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 MAY 12 PM 2:14

08 MAY 12 PM 3:06

08 MAY 13 PM 3:47

Rec'd

Exam

Rept.

Laboratory

E. SHORE REG. ☐

S. MD REG. ☐

CENTRAL ☒

W. MD REG. ☐

Bacteriologist L. Plang



## SEND REPORT TO:

## DEPARTMENT OF HEALTH AND MENTAL HYGIENE

## Laboratories Administration

201 W. Preston St.

P.O. Box 2355, Baltimore, Maryland 21203

INV. NO. 5-009310

## WATER ANALYSIS

Lab No.

Date Received

0003791 E12 8

Do not write above this line.

S A M P L E I D	Bottle Number	HC-357808	Name	Charles Suter	County	Howard	County Code	13
	Source	3578 Sylvan Lane (Bathroom faucet)					Data Category Code	46
	Collected: Date	5/12/08	Time	9:45	Collector & Phone	Hankoswalt 410 313-1786		
	Submitter Code							
CHECK (one per box)								
	Drinking Water	<input checked="" type="checkbox"/>	Community	<input checked="" type="checkbox"/>	Source (raw water)	<input checked="" type="checkbox"/>	Emergency	<input checked="" type="checkbox"/>
	Landfill	<input type="checkbox"/>	Non-community	<input checked="" type="checkbox"/>	Distribution (treated)	<input type="checkbox"/>	Routine	<input checked="" type="checkbox"/>
	Stream	<input type="checkbox"/>	Private	<input checked="" type="checkbox"/>	MCL	<input type="checkbox"/>	Recheck	<input type="checkbox"/>
	Other	<input type="checkbox"/>	Other	<input type="checkbox"/>			Special	<input type="checkbox"/>
	Federal Project <input type="checkbox"/>							

F I E L D	Plant No.		Sampling Station		Preservation: Iced	<input checked="" type="checkbox"/>	Acid	<input checked="" type="checkbox"/>	Type of Acid	A <sub>2</sub> SO <sub>4</sub>
	pH	6.8	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		
X	Nitrate - Nitrite, N		5.2 5-16-08
	Sulfate		
	Total Solids		
X	Turbidity*		0.7 5-13-08
	Other:		

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

Number of Tests Requested

Section Chief

Taini Wei

Date

Reported

MAY 21 2008