



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

Penny E. Borenstein, M.D., M.P.H., Health Officer

May 16, 2006

**Ms. Catherine Lyu
3047 Seneca Chief Trail
Ellicott City, MD 21042**

Re: Invoice No. 3-008348

Dear Ms. Lyu:

A nitrate sample was collected on **May 4, 2006** to ascertain the level of nitrate in your water supply. The nitrate level was **<0.2 parts per million (ppm)**. The current **maximum contaminant level (MCL)** is **10.0 ppm**.

The turbidity sample taken from your house on **May 4, 2006** revealed a turbidity level of **<0.5 nephelometric turbidity units (NTU's)**. The **MCL** for this parameter is **10.0 NTU's**.

Pre and post samples to analyze lead were collected on **May 4, 2006**. The pre-flush finding was **<0.005 ppm**, below the **MCL 0.015 ppm**. The post-flush finding was **<0.005 ppm**, which is below the current **MCL**. With respect to the pre and post flush findings, your well water supply is safe for all uses.

A copy of each test report is enclosed for your information. If there are any questions, please call **(410)-313-1773** between 8:00 A.M. and 5:00 P.M.

Sincerely,

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

Enclosures
HO/rmt

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

A762495 E-4 10

Do not write above this line

LABORATORY ANALYSIS REQUEST

Sample ID No: AC3047 post Site Name: Catherine Lynn County: Howard
Sample Source: 3047 Seneca Chief Trail Ellicott City Collector: Kathleen [unclear]
Date Collected: 5/4/2006 Time Collected: 10 a.m. _____ p.m. Phone #: 410332774

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: laundry room sink / UV & turbidity treatment

✓ Element	Results (ppm)	✓ Element	Results (ppm)
Antimony (Sb)		Copper (Cu)	
Arsenic (As)		✓ Lead (Pb) <u>post flush < 0.005</u>	
Barium (Ba)		Aluminum (Al)	
Beryllium (Be)		Calcium (Ca)	
Cadmium (Cd)		Iron (Fe) <u>0.4 mg/L</u>	
Chromium (Cr)		Magnesium (Mg)	
Mercury (Hg)		Manganese (Mn)	
Nickel (Ni)		Potassium (K)	
Selenium (Se)		Silver (Ag)	
Sodium (Na)		Zinc (Zn)	
Thallium (Tl)			

2006 MAY 15 PM 1:47

Lab Supervisor: D.S.

Date Reported: 5/10/06

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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

A762494 MY-4 1901

Do not write above this line

LABORATORY ANALYSIS REQUEST

Sample ID No: HC3047pre Site Name: Catherine Lyn County: Howard

Sample Source: 3047 Seneca Chief Trail P.C. Collector: Kathleen Cook
Street Town or City

Date Collected: 5/4/2006 Time Collected: 10 a.m. _____ p.m. Phone #: 4103132714

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: laundry room sink / UV & turbidity treatment

✓ Element	Results (ppm)	✓ Element	Results (ppm)
Antimony (Sb)		Copper (Cu)	
Arsenic (As)		✓ Lead (Pb) <u>pre flush <0.005</u>	
Barium (Ba)		Aluminum (Al)	
Beryllium (Be)		Calcium (Ca)	
Cadmium (Cd)		Iron (Fe) <u>sample</u>	
Chromium (Cr)		Magnesium (Mg)	
Mercury (Hg)		Manganese (Mn)	
Nickel (Ni)		Potassium (K)	
Selenium (Se)		Silver (Ag)	
Sodium (Na)		Zinc (Zn)	
Thallium (Tl)			

Lab Supervisor: D.S. Date Reported: 5/10/06

2006 MAY 15 PM 1:47
RECEIVED
HOWARD COUNTY HEALTH DEPT
ENVIRONMENTAL HEALTH

3/20 [from lab]
Bact. result

Invoice sample
results are +
5-008348

Kathryn Lynn
#3047 Sewer Chief
Trail

Kacie Noon

on 3/16 3047-306B

MPN 2 Total
<1 E. coli