



Howard County
Health Department

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

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

July 30, 2009

PHILIP MALKUS
6602 SWING CT
CLARKSVILLE, MD 21029

RE: Water Sample Results
6602 SWING CT
Invoice #: 5-14051

Dear PHILIP MALKUS,

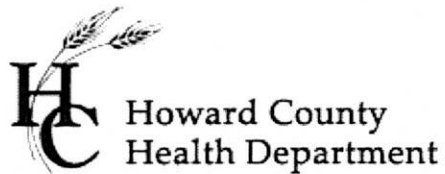
We have received the results from the testing of the water sample(s) taken from the above referenced property on July 15, 2009. A description of the results and the established standards for each test is included below. Standards such as maximum contaminant levels (MCL), secondary maximum contaminant 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 bacteria was present in the sample taken from the bathroom faucet and at this time is not 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 5.23 parts per million. The MCL for nitrate is 10.0 parts per million.

A sample was collected to determine the levels of **Iron** in your water supply. The iron level was <.10 parts per million. The SMCL for iron is 0.3 parts per million.

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

Hank Oswald, R.S.
Community Hygiene Program

Enclosures

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
RADIATION LABORATORY
201 W. Preston Street, Baltimore, Maryland 21201
John M. DeBoy, Dr. P. H., Director

LABORATORY ANALYSIS REQUEST

Sample Bottle No. A: H06002 No. B: _____ Field Blank Bottle No. 1: _____ No B: _____

Plant/Site Name: Philip Markus County: Howard

Sample Source: 6602 Swing Court Location: Tank Top
(well no, lab sink, sample tap, etc.)

County: ☐ 1 ☒ 3 Plant No. ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

CHECK (one per box)

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

Collector: Kerrie Hamilton Telephone No.: 410 313 1789

Date Collected: 7/15/09 Time Collected: 9:00 a.m. _____ p.m.

Nitric Acid Preserved: Yes ☒ No ☐ Iced: Yes ☒ No ☐

Submitters Code: ☐☐ Federal Project: ☐ Field Data: 5.5 pH 0 Chlorine

Remarks: Water Softner

✓	Test	EPA Code	Laboratory No.	Results (pCi/L)	Date Analyzed	Date Reported
✓	Gross Alpha	4000				
✓	Gross Beta	4100				
	Radon-222 Bottle A	4004				
	Radon-222 Bottle B	4004				
	Field Blank #A	4004				
	Field Blank #B	4004				
	Tritium					
	Ra - 226	4020				
	Ra - 228	4030				
	Total Uranium	4006				

Date Received: ____/____/____

Supervisor: _____

•Tel. No.: (410) 767 - 5537 •Fax No.: (410) 333- 5373

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Laboratories Administration

201 W. Preston St.

P.O. Box 2355, Baltimore, Maryland 21203

INV# 5-14051

Rate Received



E10000117001

Received: 07/15/2009

Inorganic

HC6602

FIELD	Plant No.	<input type="text"/>	Sampling Station	<input type="text"/>	Preservation: Iced	<input checked="" type="checkbox"/>	Acid	<input checked="" type="checkbox"/>	Type of Acid	<u>H₂SO₄</u>
	pH	<input type="text" value="5.5"/>	Chlorine: Free	<input type="text" value="0.0"/>	Total	<input type="text" value="0.0"/>	Specific Conductance	<input type="text"/>	<input type="text"/>	<input type="text"/>
	Notes to Lab/Remarks:									

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

Section Chief _____

Date Reported _____

DHHM 90-A 7/04

SUBMITTER'S COPY



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

Certificate of Analysis

HOWARD CO ENVIRON HEALTH
7178 COLUMBIA GATEWAY DRIVE
COLUMBIA, MD 21046

Lab Project NoE10000117 Date Coll.07/15/2009 Date Received: 07/15/2009 Submitted By: K. Hamilton

Field ID: HC6602
Lab No.: E10000117001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Nitrate + Nitrite, as N	EPA 353.2	5.23	mg N/L	07/20/2009

Comments:

Approved by: _____

[Signature]

Approval date: 07/21/2009

This document contains confidential health information that is privileged, confidential and exempt from disclosure under law. If you have received this information in error, please call (410) 767-5034 and arrange for return or destruction.

Telephone: (410) 767 - 5034

Fax: (410) 333 - 5327

S:\EnviroFinal-InorganicsA.rpt

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


E10000118001
Received: 07/15/2009
Metals HC6602

Do not write above this line

LABORATORY ANALYSIS REQUEST

Please Print

Sample ID No: HC6602 Site Name: Philip Malkus County: Howard

Sample Source: 6602 Swing Court, Clarksville Collector: K. Hamilton
Street Town or City Name

Date Collected: 7/15/2009 Time Collected: 9:00 a.m. _____ p.m. Phone #: 410 313 1784

Field Preserved: Yes ☒ No ☐ Preservative Used: ☒ HNO₃

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

Specify Program: ☒ SDWA ☐ NPDES ☐ CWA ☐ RCRA ☐ Consumer Products ☐ Other _____

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

Remarks:

Sample taken from bathroom tub

✓	Element	Results (ppm)	✓	Element	Results (ppm)
	Antimony (Sb)			Copper (Cu)	
	Arsenic (As)			Lead (Pb)	
	Barium (Ba)			Silver (Ag)	
	Beryllium (Be)			Zinc (Zn)	
	Cadmium (Cd)			Aluminum (Al)	
	Chromium (Cr)		✓	Iron (Fe)	<u><0.10</u>
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
	Selenium (Se)			Magnesium (Mg)	
	Sodium (Na)			Potassium (K)	
	Thallium (Tl)			Uranium 238	

Lab Supervisor: J. Laisanchoy

Date Reported: 7/15/2009

DHMH 4432 (1/08)

• Phone: (410) 767-6944

• Fax: (410) 728-7055

SUBMITTER'S COPY



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

Certificate of Analysis

HOWARD CO ENVIRON HEALTH
7178 COLUMBIA GATEWAY DRIVE
COLUMBIA, MD 21046

Lab Project No: E10000118 Date Coll.: 07/15/2009 Date Received: 07/15/2009 Submitted By: HAMILTON

Field ID: HC6602
Lab No.: E10000118001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	<0.1	ppm	07/16/2009

Comments:

Approved by: _____

Y. Lisenchoy

Approval date: 07/17/2009

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**STATE OF MARYLAND
DEPARTMENT OF HEALTH AND MENTAL HYGIENE
LABORATORIES ADMINISTRATION**

201 W. Preston Street

INV# 5-14051

P.O. Box 2355, Baltimore, MD 21203

John M. DeBoy, Dr. P.H., Director

020126

Category Code 46

Lab. No. _____

Bacteriological Drinking Water Report**Field Record**

Sample Type: Community <input type="checkbox"/> Non-Community <input type="checkbox"/> Non-Transient <input type="checkbox"/> Private <input checked="" type="checkbox"/> Check Sample <input type="checkbox"/> C.O.P. <input type="checkbox"/>	Source <u>Phillie Malbus Bathroom</u>
	Location <u>6602 Swing Court Tub</u>
	Iced: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
	Treated: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Time Collected <u>9:00</u> <input checked="" type="checkbox"/> a.m. <input type="checkbox"/> p.m.
	Collector# <u>3166KH</u> Bottle No. <u>H66602</u>
	Collector Name <u>K. Hamilton</u> County <u>Howard</u>
Test Requested: Quantitative <input checked="" type="checkbox"/> P/A <input type="checkbox"/> MTF <input type="checkbox"/> SPC <input type="checkbox"/>	<div> <div>1</div> <div>3</div> <div></div> <div></div> <div></div> <div></div> <div></div> <div></div> </div> <div> <div>7</div> <div>15</div> <div>09</div> </div>
	County Plant No. Sampling Station Date Collected
	pH <u>5.5</u> Res. Cl: Free <u>000</u> Total <u>00</u> Card# <u></u>

LABORATORY RECORDThiosulfate: Pres ☒ Absent ☐ Undetermined ☐**PRESUMPTIVE MTF • P/A TEST***

ml of Sample	10 ml.	100 ml.
Coliforms		
E. coli		

CONFIRMED • P/A TEST

ml of Sample	10 ml.	100 ml.	No. of +
Coliforms			
E. coli			

P/A TEST (CONFIRMED) ***

ml. of Sample	10 (1 ml.)
Total Coliforms	
E. coli	

QUANTITATIVE TEST (CONFIRMED) ***

100 ml. of Sample	No. of Pos	MPN
Total Coliforms	<u>5</u>	<u>>201</u>
E. coli	<u>0</u>	<u>4</u>

SPC Plate:

A B 24.48.72 hrs/Heterotrophic Plate Count (HPC/ml) = Temp. 4.0 °C - SS

Control

- * 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

JUL 15 '09 PM 2:33

Laboratory

JUL 15 '09 PM 2:51JUL 16 '09 PM 3:14E. SHORE REG. ☐CENTRAL ☒W. MD REG. ☐

Rept.

Bacteriologist

D. Simonton

DHMH-86 03/08

ORIGINAL - LABORATORY7/16/09
ES

Informed Mr Malbus
 of colif. bac. Has
 has no computer so
 am mailing him
 disinfect construct