

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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website: www.hchealth.org

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

Hank Oswold

Hank Oswald, R.S. Community Hygiene Program

Enclosures

Send Report To:

Howard County Health Department
Bureau of Environmental Health
71.78 Columbia Cateway 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

	/Site Name: Photo					ord
np	ole Source: 6602	Swine, C	ourt	Location:	Tank Top	h asserb to a stall
	ty: 3	Plant No.			(well no, lab sin	k, sample tap, etc.)
CH	ECK (one per box)		<u> </u>			
L	Orinking Water and fill tream ther	Community Non-commun Private Other	nity 🗆	Source (raw water) Distribution (treated) MCL	Emerge Routine Rechec Special	k 📮
lle	ctor: Kerrie H	antition		Telephone No.: _	410 313 175	84
te	Collected: 7/5/	09		Time Collected:	9:00 a.m	ı1
	c Acid Preserved: Ye	- [V] No [Iced: Yes	No \square	
ric	c Acid Preserved: Ye					
bn	nitters Code:			eld Data:		hlorine
	nitters Code:	Federal Pro	oject: F			hlorine
		Federal Pro	oject: F			hlorine
ma	nitters Code:	Federal Pro	oject: F			hlorine Date Reporte
ma	arks:	EPA Code	oject: F	eld Data: 5.5	S CI	T
ma	arks: Test Gross Alpha Gross Beta	Federal Pro	oject: F	eld Data: 5.5	S CI	T
ma	arks:	EPA Code	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222	EPA Code 4000 4100	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A	EPA Code 4000 4100 4004	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A	EPA Code 4000 4100 4004 4004	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A Field Blank #B	EPA Code 4000 4100 4004	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A Field Blank #B Tritium	EPA Code 4000 4100 4004 4004	oject: F	eld Data: 5.5	S CI	T
	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A Field Blank #B Tritium Ra – 226	EPA Code 4000 4100 4004 4004 4004	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A Field Blank #B Tritium Ra - 226 Ra - 228	EPA Code 4000 4100 4004 4004 4004 4004 4004	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A Field Blank #B Tritium Ra – 226	EPA Code 4000 4100 4004 4004 4004 4004 4000 4000 4000	oject: F	eld Data: 5.5	S CI	T
ma	Test Gross Alpha Gross Beta Radon-222 Bottle A Radon-222 Bottle B Field Blank #A Field Blank #B Tritium Ra - 226 Ra - 228	EPA Code 4000 4100 4004 4004 4004 4004 4000 4000 4000	oject: F	eld Data: 5.5	S CI	T

FORM REVISED 10/07 DHMH 4540 10/07

SEND REPORT TO:

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

DEPARTMENT OF HEALTH AND MENTAL HYGIENE Laboratories Administration

201 W. Preston St. P.O. Box 2355, Baltimore, Maryland 21203

INV#5-14051

WATER ANALYSIS

Data Pacaived

E10000117001

E10000117001 Received: 07/15/2009 Inorganic HC6602

A M Source P L Collect E CHEC I Drink Land Stream Other F I Plan I E PH		Collector & Phone Source (raw water) Distribution (treated) MCL	Data Category Code Submitter Code Emergency Routine Recheck Special Type of Acid Acid Type of Acid
CHECK TESTS	TESTS Alkalinity (Total) Ammonia - N Chloride Color* Conductance*, Spec. Dissolved Solids Hardness	ERROR CODE	RESULTS
/	Fluoride Nitrite, N Nitrate - Nitrite, N Sulfate Total Solids Turbidity* Other:		5.23
	esults reported in Units, all others in milligrams p	er liter (ppm)	Date

Healthy People Healthy Communities HOWARD CO ENVIRON HEALTH 7178 COLUMBIA GATEWAY DRIVE

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

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

Field ID: HC6602

Lab No.: E10000117001

COLUMBIA, MD 21046

<u>Analyte</u>

Nitrate + Nitrite, as N

Method EPA 353.2 Result 5.23 Units mg N/L Date Analyzed

07/20/2009

Comments:

Approved by:

#Katumulus

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 HC6602 Metals

Do not write above this line

LABORATORY ANALYSIS REQUEST

Please Print

Samp	ole ID N	No: HC6602	Site Name: _ Po	lip	Malkus	County: Howar	9
Samp	ole Sou	rce: <u>6602 5u</u> Street	Town	Clar on or City	Koville	Collector: K. Hami	1400
Date	Collect	ed: 7 / 15 /20	Time Collect	ed: 9	:00 a.mp	o.m. Phone #: 410 3	131784
Field	Preser	ved: Yes 🖄 No	□ Preservati	ve Us	ed:♥ HNO ₃	and the second	- 1-
Samp	ple Typ	□ Com	nmunity -Community	□ Stre	am Distrib	e (Raw Water)	
			□ NPDES □ CWA ☐ Total Metals [Products	
Rema		ample taker	from both	roò	n tub	(field preparation required)	<u> </u>
	~	Element	Results (ppm)	~	Element	Results (ppm)	
	~	Element Antimony (Sb)	Results (ppm)	-	Element Copper (Cu)	Results (ppm)	Part of
	•	Element Antimony (Sb) Arsenic (As)	Results (ppm)	~		Results (ppm)	
	•	Antimony (Sb)	Results (ppm)	•	Copper (Cu)	Results (ppm)	•
	•	Antimony (Sb) Arsenic (As)	Results (ppm)	•	Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn)	Results (ppm)	
	V	Antimony (Sb) Arsenic (As) Barium (Ba)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al)		
	•	Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe)	Results (ppm)	
	•	Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn)	<0.10	
		Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca)	<0.10	
		Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni) Selenium (Se)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg)	<0.10	
		Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni) Selenium (Se) Sodium (Na)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg) Potassium (K)	<0.10	
		Antimony (Sb) Arsenic (As) Barium (Ba) Beryllium (Be) Cadmium (Cd) Chromium (Cr) Mercury (Hg) Nickel (Ni) Selenium (Se)	Results (ppm)		Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg)	<0.10	

Lab Supervisor: /

• Phone: (410) 767 - 6944

Date Reported: 71 /31 2

• Fax: (410) 728 - 7055

DHMH 4432 (1/08)

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

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

Field ID: HC6602

Lab No.: E10000118001

Method

Element

Result

Units

Date Analyzed

07/16/2009

EPA 200.7

Iron

< 0.1

ppm

Comments:

Approved by:

Approval date: 07/17/2009

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Telephone: (410) 767 - 6944

Fax: (410) 333 - 5121

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STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE LABORATORIES ADMINISTRATION

201 W. Preston Street

INW# 5-14051	201 W. Preston Street	
,	P.O. Box 2355, Baltimore, MD 21203	
	John M. DeBoy, Dr. P.H., Director	126
Category Code	7G Lot N	
Bact	eriological Drinking Water Report	
	Field Record	
Co	Source Philip Markers Both	
Sample Type: Community	Location 6600 Swing Court	room
Non-Community		de
Non-Transient	Iced: Yes ☑ No□	
Private 🖂	Treated: Yes No No Time Collected 9.00	☑ a.m.
Check Sample	Collector# 316614 Bottle No. HC60	□ p.m.
C.O.P	Collector No. HCG0	002
-	Collector Name K. Hamilton County Howar	d
Test Requested:	3	
Quantitative D	County Plant No. Sampling Station	5 09
I MITT		Collected
CDC LI		
рН	Res. CI: Free OOO Total OO Condition	
	LABORATORY RECORD	
	Thiosulfate: Pres. Absent Undetermined Undetermined	
PRESUMPTIVE MTF . I	D/A TECOPA	
mi of Sample 10 ml.	100 ml. out of Sample 100 ml.	
Gas. 24 hours	Coliforms † 10 ml. 100 ml.	No. of +
Gas. 48 hours	Fecal + Coliforms +	
P/A TEST (CONFIR	DMEDIA	
	100 ml.	RMED) * * *
Total Coliforms	Total Coliforns Total Coliforns	MPN
E. coli	E. coli	>201
SDC N	[5. COII]	4
SPC Plate:	A B	
24.48.72 hrs/Ustans		
24.40.72 HIS/FIELETO	otrophic Plate Count (HPC/ml) § =	
Temp. Up 0	* using Lauryl Sulfate Trypticase Broth at 35° C incub.	ention
Control 4.0	o'C - I wising Brilliant Green Lactose Bile Broth at 35° C incub.	cubation
	§ using Plate Count Agar at 35° C incubation	
emarks	*** using ONPG-MCG at 35° C incubation	
Date & Hour		
46.55	Laboratory	
VOL 10 OOF	Rec.d E. SHORE REG.	
JUL 15'09PM	DESI E. SHOKE REG.	2
AME THE MARKET	CENTRAL CENTRAL	

DHMH-86 03/08

JUL 16'09 PM 3:14

PROGRAM - COPY 2

CENTRAL

Bacteriologist

W. MD REG.

STATE OF MARYLAND DEPARTMENT OF HEALTH AND MENTAL HYGIENE

LABORATORIES ADMINISTRATION

INV# 5-1405

201 W. Preston Street

P.O. Box 2355, Baldimore, MD 21203 020126

_	John M. DeBoy, Dr. P.H., Director UZU120			
Category Code	Lab. No.			
В	acteriological Drinking Water Report			
	Field Record	_		
Sample Type:	Source Philip Markon Bothroom	_		
Community	Location 6602 Swing Court Tub	_		
Non-Community□				
Non-Translent	T			
Private	Treated: Yes D No Time Collected 9:00 p.m. Collector# 316664 Bottle No. HC6602			
Check Sample C.O.P				
0.0.1	Collector Name K. Hamilton County Howard	_		
Test Requested:	7 5 09	Ī		
Quantitative 🔀	County Plant No. Sampling Station Date Collected	יי		
P/A	bea concept			
MTF D				
SPC D	pH San Res. CI: Free GO Totel Card#			
	LABORATORY RECORD	_		
	Thiosulfate: Prox. Absent Undetermined			
RESUMPTIVE M	Tipe at Tipe	_		
w.21 reys.	m). 100 m). and of Somply 10 m). 100 m). No. of +	_		
p. 48 h-ym	Open Control C			
P/A TENT (C		_		
ind of Sample	OUANTITATIVE 1EST (CONFIRMED) 10(t ml. 100 ml. of Sample No. of Pos MPN	i		
Total Coliforna	Total Colligina 5 >20	1		
B. coli	E coli O	1		
	Heterotrophic Plate Count (HPC/ml) 5 - using Lauryl Sulfate Trypticase Broth at 35° C incubation using Brilliam Green Lactore Rile Broth at 35° C incubation using Plate Count Agar at 35° C incubation using Plate Count Agar at 35° C incubation using ONPO-MCG at 35° C incubation	•		
Date & 1	Laboratury			
JUL 1578	99 PH 2:33			
	L. Short Abo.			
JUL 15/6	99PH 2:51 CENTRAL W W. MD REG.			
JUL 16/0	89 PM 3:14 27			
	Rept. Beckerfologist D. Simonian			
HMH-86 03/08	ORIGINAL - LABORATORY			
/ /	- CHILLIAN CANONING			
16/09	O M. Malley	,		
60	Informed 11 plusting			
01	De le bon 7/2	2		
	of coup. war,			
	(On I no com pates)	1		
	was 10			
	am madery dung			
	della contestation			
	nexistrel. Com			