



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

June 13, 2008

KELLY VAN HAUTEN
3161 RIVER VALLEY CHASE
WEST FRIENDSHIP, MD 21794

RE: Water Sample Results
3161 RIVER VALLEY CHASE
Invoice #: 5-009318

Dear KELLY VAN HAUTEN,

We have received the results from the testing of the water sample(s) taken from the above referenced property on June 02, 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 7.6 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 0.9 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.



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Sincerely,

Hank Oswald

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. 5-009318 Lab. No. 818490

BACTERIOLOGICAL DRINKING WATER REPORT
Field Record

Community <input type="checkbox"/>	Source <u>Kelly Van Houten</u>
Non-Community <input type="checkbox"/>	Location: <u>3161 River Valley Chase</u>
Non-Transient <input type="checkbox"/>	Iced: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> (In case Bath faucet) <input checked="" type="checkbox"/> a.m.
Private <input checked="" type="checkbox"/>	Treated Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Time Collected <u>9:00</u> <input type="checkbox"/> p.m.
Check Sample <input type="checkbox"/>	Collector # <u>1398 HO</u> Bottle No. <u>HC-3161-05</u>
C.O.P. <input type="checkbox"/>	Collector Name <u>Hank Oswald</u> County <u>Howard</u>

TEST QUANTITATIVE <input checked="" type="checkbox"/>	<u>13</u>	<u>6208</u>
P/A <input type="checkbox"/>	County	Date Collected
MTF <input type="checkbox"/>	Plant No.	Sampling Station
pH <u>7.68</u>	Res. CI: Free <u>00</u>	Total <u>00</u> Card No. <u> </u>

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) ***

QUANTITATIVE TEST (CONFIRMED) ***

ml. of Sample	100 ml.
Total Coliforms	
E. Coli	

100 ml. of Sample	No. of Pos	MPN
Total Coliforms	<u>0</u>	<u><1</u>
E. Coli	<u>0</u>	<u><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/Heterophilic Plate Count $\frac{\$}{\text{ml.}}$ =

Temp. Control 5 °C

- ** 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

Laboratory

'08 JUN 2 PM 2:22

'08 JUN 2 PM 3:28

'08 JUN 3 PM 3:35

Rec.d

Exam

Rept.

E. SHORE REG. ☐

CENTRAL ☒

S. MD REG. ☐

W. MD REG. ☐

Bacteriologist

L. Player

SEND REPORT TO:

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Laboratories Administration

201 W. Preston St.

P.O. Box 2355, Baltimore, Maryland 21203

INV. NO 5-009318

WATER ANALYSIS

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

Lab No. Date Received



E08001272001

Received: 06/02/2008

Inorganic

S A M P L E I D	Bottle Number	HC - 3161-08	Name	Kelly Van Houten	County	Howard	County Code	13
	Source	3161 River Valley Creek (In-Low Bath Fence)					Data Category Code	46
	Collected: Date	6.2.08	Time	9:00	Collector & Phone	Hank Oswald		
	Submitter Code							
F I E L D	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 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	H ₂ SO ₄
	pH	6.8	Chlorine: Free	0.0	Total	0.0	Specific Conductance			837
	Notes to Lab/Remarks: water 10/10 water 3/10 w p/po									

CHECK TESTS	TESTS	ERROR CODE	RESULTS
	Alkalinity (Total)		
	Ammonia - N		
	Chloride		W.F.
	Color*		
	Conductance*, Spec.		
	Dissolved Solids		
	Hardness		
	Fluoride		
	Nitrite, N		
✓	Nitrate - Nitrite, N		7.6 6-06-08
	Sulfate		
✓	Total Solids		
	Turbidity*		0.9 6-30-08
	Other:		

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

Number of Tests Requested

Section Chief Azoka I. Katumuluwa

Date Reported JUN 09 2008