



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045
Main: 410-313-2640 | Fax: 410-313-2648
TDD 410-313-2323 | Toll Free 1-866-313-6300
www.hchealth.org

Maura J. Rossman, M.D., Health Officer

January 4, 2018

Homeowner
13341 Triadelphia Mill Road
Clarksville, MD 21029

Dear Homeowner,

The Health Department received results from the testing for sodium, chloride, and total dissolved solids (TDS) from the well at Brighton Mill II Parcel A.

Elevated sodium levels in drinking water could affect individuals on low-salt diets. The action level for sodium is 20 milligrams per liter (mg/L); **sodium from your well measured 46.33 mg/L.**

Chloride and TDS are both considered secondary contaminants, meaning high concentrations can affect taste, color, odor, or corrosive properties of water but present no risk to health. The secondary maximum contaminant level for chloride is 250 mg/L; **chloride from your well measured 177 mg/L.** The secondary maximum contaminant level for TDS is 500 mg/L; **TDS from your well measured 462 mg/L.**

Given the elevated levels of sodium, you may want to consult a plumber and/or water treatment company to discuss options. Please be aware that any backwash generated from a treatment system must be disposed of in a subsurface disposal system. Prior to installing a system that generates backwash, please contact the Health Department to ensure that all regulatory requirements are met.

Feel free to contact me at the number or email below with any questions regarding the results of water sampling.

Sincerely,

Sarah Collins, L.E.H.S.
Howard County Health Department
Well & Septic Program
SCollins@howardcountymd.gov
410-313-6287

Cc: File

Send Report To: Bert Nixon

State of Maryland
DHMH - Laboratories Administration

Division of Environmental Sciences

TRACE METALS LABORATORY

1770 Ashland Avenue
Baltimore, Maryland 21205

Howard County Health Dept
Bureau of Environmental Health
8930 Stanford Blvd
Columbia, MD 21045



E18002278001

Received: 12/15/2017

Metals

13341 SC

LABORATORY ANALYSIS REQUEST

Do not write above this line

Please Print

Sample ID No: 13341 SC Site Name: Farnall villas - Lot 2 County: Howard

Sample Source: 13341 Triadelphia^{Mill} Rd. Clarksville Collector: S Collins
Street Town or City Name

Date Collected: 12/14/2017 Time Collected: 11 a.m. / p.m. Phone #: 410-313-6287

Sample Preserved By: ☐ Field ☐ ESRL ☐ WMRL ☐ Central Lab
Preservative Used: ☒ HNO₃ _____ mL pH: 2

Sample Type: ☒ Drinking Water ☐ Landfill ☒ Source (Raw Water) ☐ Liquid
Data Category: ☐ Community ☐ Stream ☐ Distribution (Treated) ☐ Solid
Code ☐ ☐ Non-Community ☐ Sediment ☐ Other _____
4F ☒ 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 collected from hose bib - no treatment

✓	Element	Lab Use	✓	Element	Lab Use	✓	Element	Lab Use
	Antimony (Sb)			Aluminum (Al)			Uranium (U)	
	Arsenic (As)			Calcium (Ca)			Vanadium (V)	
	Barium (Ba)			Cobalt (Co)			Zinc (Zn)	
	Beryllium (Be)			Copper (Cu)				
	Cadmium (Cd)			Iron (Fe)				
	Chromium (Cr)			Lead (Pb)				
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)			Manganese (Mn)				
	Selenium (Se)			Molybdenum (Mo)				
✓	Sodium (Na)	<u>SHS</u>		Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

Lab Supervisor: _____

Date Reported: ____/____/____

•Phone: (443) 681 - 4596

•Fax: (443) 681 - 4507



State of Maryland
Department of Health
Laboratories Administration
Division of Environmental Sciences
TRACE METALS LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project No: E18002278 Date Coll.: 12/14/2017 Date Received: 12/15/2017 Submitted By: Collins

Field ID: 13341 SC
Lab No.: E18002278001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	46.33	ppm	12/21/2017

Comments:

Approved by: Yingbo Chen

Approval date: 12/22/2017

**The following methods are included in our A2LA Scope of Accreditation: EPA 200.7, EPA 200.8, EPA 245.1.

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) 767-6944 and arrange for return or destruction.

Send Report To: Bert Nixon

Howard County Health Dept
Bureau of Environmental Health
43930 Stanford Blvd
Columbia, MD 21045

State of Maryland
MDH-Laboratories Administration
Division of Environmental Sciences
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue
Baltimore, Maryland 21205
WATER ANALYSIS

E18002277001
Received: 12/15/2017
Inorganic 13341 SC

S A M P L E I D	Bottle Number <u>13341 SC</u>		Name <u>Foxhall Villas - Lot 2</u>		County <u>Howard</u>		County Code <u>13</u>	
	Location <u>13341 Triadelphia Mill Rd. Clarksville</u>				Data Category Code <u>4F</u>			
	Collected: Date <u>12/14/17</u>		Time <u>11 am</u>		Collector & Phone <u>S. Collins 410-313-6287</u>		Submitter Code <u></u>	
	CHECK (one per box)							
	<input checked="" type="checkbox"/> Drinking Water <input type="checkbox"/> Landfill <input type="checkbox"/> Stream <input type="checkbox"/> Other		<input type="checkbox"/> Community <input type="checkbox"/> Non-community <input checked="" type="checkbox"/> Private <input type="checkbox"/> Other		<input checked="" type="checkbox"/> Source (raw water) <input type="checkbox"/> Distribution (treated) <input type="checkbox"/> MCL		<input type="checkbox"/> Emergency <input checked="" type="checkbox"/> Routine <input type="checkbox"/> Recheck <input type="checkbox"/> Special	
							Federal Project <u>S</u>	

F I E L D	Plant No. <u> </u> <u> </u> <u> </u> <u> </u>				Sampling Station <u> </u> <u> </u> <u> </u> <u> </u>				Preservation: Iced <input checked="" type="checkbox"/> Acid <input type="checkbox"/>				Type of Acid <u> </u>			
	pH <u> </u> <u> </u> <u> </u>				Chlorine: Free <u> </u> <u> </u> <u> </u>				Total <u> </u> <u> </u> <u> </u>				Specific Conductance <u> </u> <u> </u> <u> </u> <u> </u>			
	Notes to Lab/Remarks: <u>Sample collected from outdoor hose bib - no treatment.</u>															

[illegible]

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

Number of Tests Requested		
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Section Chief

Date Reported.



State of Maryland
Department of Health
Laboratories Administration
Division of Environmental Sciences
INORGANICS ANALYTICAL LABORATORY
1770 Ashland Avenue, Baltimore, Maryland 21205
Robert Myers, Ph.D., Director



HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Certificate of Analysis

Lab Project No E18002277 Date Coll. 12/14/2017 Date Received: 12/15/2017 Submitted By: S. Collins

Field ID: 13341 SC
Lab No.: E18002277001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	177	mg/L	12/22/2017
Total Dissolved Solids	SM 2540C	462	mg/L	12/20/2017

Comments:

Approved by:

Approval date: 12/29/2017

*The following methods are included in our A2LA Scope of Accreditation: EPA150.1, EPA 353.2, EPA 375.2, SM4500F C, SM 4500-CN G & QCM-CN, QCM-CN.

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