

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 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

Sah alli

SCollins@howardcountymd.gov

410-313-6287

' Send Report To: Bert Mixon

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

State of Maryland DHMH - Laboratories Administration

Division of Environmental Sciences

TRACE METALS LABORATORY

1770 Ashland Avenue Baltimore, Maryland 21205

E18002278001 Received: 12/15/2017

13341 SC Metals

LABORATORY ANALYSIS REQUEST

Do not write above this line

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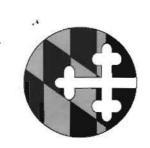
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•Phone: (443) 681 - 4596

•Fax: (443) 681 - 4507

DHMH 4432 (05/17)

SUBMITTER'S COPY



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

Method Element

Result

Units

Date Analyzed

EPA 200.7

Sodium

46.33

ppm

12/21/2017

Comments:

Approved by:

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.

Telephone: (443) 681 - 3853

Fax: (443) 681-4507

S:\EnviroFinal-Metals.rpt

Send Report To: Best Nixon

Howard County Health Dept Bureau of Environmental Health -7.930 Stanford Blvd Columbia, MD-21045

MDH-90-A 07/17

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

E18002277001 Received: 12/15/2017

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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 NoE18002277	Date Coll.	12/14/2017	Date Received: 12/15/2017	Submitted By: S. Collins
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Field ID: 13341 SC

Lab No.: E18002277001

 Analyte
 Method
 Result
 Units
 Date Analyzed

 Chloride
 SM 4500-CI E
 177
 mg/L
 12/22/2017

 Total Dissolved Solids
 SM 2540C
 462
 mg/L
 12/20/2017

Comments:

Approved by: Shahlen andi

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.

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) 767-6190 and arrange for return or destruction.

Telephone: (443) 681 - 3855

Fax: (443) 681 - 4507

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