

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](http://www.hchealth.org)

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

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August 30, 2017

Homeowner  
13578 Mitchells Way  
West Friendship, MD 21104

Dear Homeowner,

The Health Department received results from testing for sodium, chloride, and total dissolved solids (TDS) from your well water.

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 8 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 you well measured 37 mg/L.** The secondary maximum contaminant level for TDS is 500 mg/L; **TDS from your well measured 222 mg/L.**

Please 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](mailto:SCollins@howardcountymd.gov)  
410-313-6287

Cc: *Community Hygiene Program*  
*File*

Send Report To: Bert Nixon  
 Howard County Health Department  
 Bureau of Environmental Health  
 8930 Stanford Blvd.  
 Columbia, Maryland 21045

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

  
**E18000710001**  
 Received: 08/17/2017  
 Inorganic HO-95-0373

**A M P L E I D**

Bottle Number HO-95-0373 Name Cloverfield - Lot 13 County Howard County Code 13

Location 13578 Mitchells Way / West Friendship Data Category Code 4F

Collected: Date 8/16/17 Time 10:45 am Collector & Phone S. Collins 410-313-6287 Submitter Code     

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 S

**F I E L D**

Plant No.      Sampling Station      Preservation: Iced  Acid  Type of Acid     

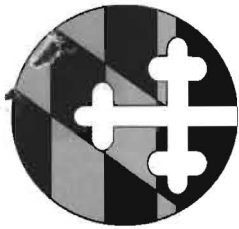
pH      Chlorine: Free      Total      Specific Conductance     

Notes to Lab/Remarks: Sample collected from hose bib

CHECK TESTS	TESTS	Error Code	RESULTS
	Alkalinity (Total)		
	Ammonia - N		
<input checked="" type="checkbox"/>	Chloride		
	Conductance*, Spec.		
<input checked="" type="checkbox"/>	Dissolved Solids (Total)		
	Hardness		
	Fluoride		
	Nitrate, N		
	Nitrate - Nitrite, N		
	Sulfate		
	Total Solids		
	Turbidity*		
	Other:		

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

Number of Tests Requested      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



## Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH  
8930 STANFORD BLVD  
COLUMBIA, MD 21045

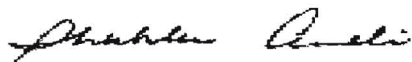
Lab Project NoE18000710 Date Coll. 08/16/2017 Date Received 08/17/2017 Submitted By:Collins

Field ID: HO-95-0373  
Lab No.: E18000710001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	37	mg/L	08/21/2017
Total Dissolved Solids	SM 2540C	222	mg/L	08/17/2017

### Comments:

Approved by:




Approval date: 08/25/2017

\*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.

Send Report To: Bert Nixon  
 Howard County Health Department  
 Bureau of Environmental Health  
 8930 Stanford Blvd.  
 Columbia, Maryland 21045

State of Maryland  
 DHMH - Laboratories Administration  
 Division of Environmental Chemistry  
**TRACE METALS LABORATORY**  
 1770 Ashland Avenue  
 Baltimore, Maryland 21205

Lab No. Date Received  
  
**E18000712001**  
 Received: 08/17/2017  
 Metals HO-95-0373  
 Do not write above this line

**LABORATORY ANALYSIS REQUEST**

Please Print

Sample ID No: HO-95-0373 Site Name: Classified - Lot 13 County: Howard

Sample Source: 13578 Mitchells way West Friendship Collector: S. Collins  
Street Town or City Name

Date Collected: 8/16/2017 Time Collected: 10:45 a.m. p.m. Phone #: 410-313-6287

Sample Preserved By:  Field  ESRL  WMRL <sup>08-17-17</sup>  Central Lab  
 Preservative Used:  HNO<sub>3</sub> mL pH: 2

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code  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 collected from hose bib

✓	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)	
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
	Selenium (Se)			Magnesium (Mg)	
✓	Sodium (Na) <u>5 HS</u>			Potassium (K)	
	Thallium (Tl)			Uranium (U)	
				Vanadium (V)	

Lab Supervisor: \_\_\_\_\_

Date Reported: \_\_\_/\_\_\_/\_\_\_

•Phone: (443) 681-3857

•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: E18000712 Date Coll.: 08/16/2017 Date Received: 08/17/2017 Submitted By: Collins

Field ID: HO-95-0373  
Lab No.: E18000712001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	7.75	ppm	08/21/2017

### Comments:

Approved by: *Sadia Muneeb*

Approval date: 08/24/2017

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

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