



Bureau of Environmental Health

8930 Stanford Blvd, Columbia, MD 21045  
Main: 410-313-2640 | Fax: 410-313-2648  
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[www.hchealth.org](http://www.hchealth.org)

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

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October 10, 2017

Mitchell & Best  
1686 E. Gude Drive  
Rockville, MD 20850

Re: Water sample results for 5010 Gaither's Chance Drive

Dear Mitchell & Best,

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 9.91 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 24 mg/L.** The secondary maximum contaminant level for TDS is 500 mg/L; **TDS from your well measured 167 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

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

Lab No. Date Received

  
**E18001168001**  
Received: 09/20/2017  
Metals 5010 SC

**LABORATORY ANALYSIS REQUEST**

Do not write above this line

Please Print

Sample ID No: 5010 SC Site Name: Gaither's Chance - Lot 1 County: Howard

Sample Source: 5010 Gaither's Chance Dr. Dayton Collector: S. Collins  
Street Town or City Name

Date Collected: 9/19/2017 Time Collected: 10:15 a.m./p.m. Phone #: 410-313-6287

Sample Preserved By:  Field  ESRL  WMRL  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 bathroom sink - 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)	SHS		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: E18001168 Date Coll.: 09/19/2017 Date Received: 09/20/2017 Submitted By: Collins

Field ID: 5010 SC  
Lab No.: E18001168001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	9.91	ppm	09/21/2017

### Comments:

Approved by: Yinghao Chen

Approval date: 09/22/2017

\*\*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.





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 NoE18001171 Date Coll. 09/19/2017 Date Received 09/20/2017 Submitted By:Collins

Field ID: 5010 SC  
Lab No.: E18001171001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	24	mg/L	09/22/2017
Total Dissolved Solids	SM 2540C	167	mg/L	09/22/2017

### Comments:

Approved by:

Approval date: 09/27/2017

\*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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