



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

December 18, 2017

Homeowner
1824 Florence Road
Mt. Airy, MD 21771

Dear Homeowner,

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

Elevated sodium levels in drinking water may affect individuals on low-salt diets. The action level for sodium is 20 milligrams per liter (mg/L); **sodium from your well measured 18.92 mg/L.**

Chloride and TDS are both considered secondary contaminants, meaning high concentrations may 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 58 mg/L.** The secondary maximum contaminant level for TDS is 500 mg/L; **TDS from your well measured 164 mg/L.**

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
SCollins@howardcountymd.gov
410-313-6287

Cc: File

Send Report To: Bert Nixon

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

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

Lab No. Date Received



E18002187001

Received: 12/07/2017

Metals

HO-95-1962

Do not write above this line

LABORATORY ANALYSIS REQUEST

Please Print

Sample ID No: HO-95-1962 Site Name: Kogan Trust - Lot 17 County: Howard

Sample Source: 1824 Florence Rd. Mr. Ainy Collector: S. Collins
Street Town or City Name

Date Collected: 12/6/2017 Time Collected: _____ a.m. 1:30 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 ☐ ☐ ☒ Private
4F

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 - sediment filter.

✓	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>20</u>			Potassium (K)	
	Thallium (Tl)			Uranium (U)	
				Vanadium (V)	

Lab Supervisor: _____

Date Reported: ____/____/____



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: E18002187 Date Coll.: 12/06/2017 Date Received: 12/07/2017 Submitted By: Collins

Field ID: HO-95-1962
Lab No.: E18002187001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Sodium	18.92	ppm	12/11/2017

Comments:

Approved by: Yingtao Choi

Approval date: 12/11/2017

**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

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

E18002189001
Received: 12/07/2017
Inorganic HO-95-1962

SAMPLE ID	Bottle Number	HO-95-1962		Name	Kogan Trust - Lot 17		County	Howard	County Code	13					
	Location	1824 Florence Rd.		Mr. Army				Data Category	4F						
	Collected: Date	12/6/17		Time	1:30 pm		Collector & Phone	S. Collins 410-313-6287		Submitter Code					
	CHECK (one per box)														
	Drinking Water <input checked="" type="checkbox"/> Landfill <input type="checkbox"/> Stream <input type="checkbox"/> Other <input type="checkbox"/>			Community <input type="checkbox"/> Non-community <input type="checkbox"/> Private <input checked="" type="checkbox"/> Other <input type="checkbox"/>			Source (raw water) <input type="checkbox"/> Distribution (treated) <input type="checkbox"/> MCL <input type="checkbox"/>			Emergency <input type="checkbox"/> Routine <input checked="" type="checkbox"/> Recheck <input type="checkbox"/> Special <input type="checkbox"/>			Federal Project	S	

FIELD	Plant No.	<div></div> <div></div> <div></div> <div></div>	Sampling Station	<div></div> <div></div> <div></div> <div></div>	Preservation: Iced	<input checked="" type="checkbox"/> Acid	<input type="checkbox"/> Type of Acid
	pH	<div></div> <div></div> <div></div>	Chlorine: Free	<div></div> <div></div>	Total	<div></div> <div></div>	Specific Conductance
	Notes to Lab/Remarks: <u>Sample collected from hose bib - sediment filter</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



Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH
8930 STANFORD BLVD
COLUMBIA, MD 21045

Lab Project NoE18002189 Date Coll. 12/06/2017 Date Received 12/07/2017 Submitted By:S. Collins

Field ID: HO-95-1962
Lab No.: E18002189001

<u>Analyte</u>	<u>Method</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
Chloride	SM 4500-Cl E	58	mg/L	12/11/2017
Total Dissolved Solids	SM 2540C	164	mg/L	12/07/2017

Comments:

Approved by:

Approval date: 12/14/2017

*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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