

Bureau of Environmental Health

8930 Stanford Blvd., Columbia, MD 21045 Main: 410-313-1771 | Fax: 410-313-2648 TDD 410-313-2323 | Toll Free 1-866-313-6300 www.hchealth.org

Facebook: www.facebook.com/hocohealth Twitter: HowardCoHealthDep

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

Sent Certified Mail 7004 1160 0002 3409 5677

November 4, 2015

Timothy and Leanne Titcomb 1950 Saint James Road Marriottsville, MD 21104

RE: Order to Connect to Public Water System

1950 Saint James Road Marriottsville, MD 21104

Dear Mr. and Mrs. Titcomb:

You recently contacted us through the Howard County Public Works regarding efforts to connect to the public water supply system due to poor water quality issues. Howard County verified that your property is accessible to public water but is outside the Metropolitan District.

Additionally, you have provided our office with several water quality analysis reports for your well that indicated elevated levels of Sodium, Chlorides and Total Dissolved Solids. Further review by this Department has confirmed that the private water supply for the property is a drilled well (HO-73-4157).

Based on the aforementioned information and department evaluation, the poor water quality issues from your existing well creates a condition that is considered a potential threat to health as described in Howard County Code Section 12.105

Therefore, pursuant to provisions of Section 12.105 as amended by Council Bill 32-2002, you are hereby ORDERED to apply for the necessary permits and begin process for connection to the public water supply within thirty (30) days of receipt of this letter. Barring any unusual processing delays or extreme weather conditions, connection to the public water supply shall occur within sixty (60) days of receipt of this letter. In Addition, you are required to abandon the existing well (HO-73-4157) in conformance with the procedures outlined in *COMAR 26.04.04.34*. Abandonment shall occur within thirty (30) days following connection to public water. If you are unable to meet any of these deadlines, please contact Kevin Wolf at 410-313-2645 to discuss.

This decision may be appealed to the Board of Health. If you choose to appeal, you shall file a written request to the Executive Secretary of the Board of Health within fifteen (15) days of receipt of this order to connect.

Failure to comply with this order shall be grounds for further enforcement action as set forth in Section 12 of the Howard County Code.

If you have any questions, contact Kevin Wolf at 410-313-2645.

Bert Nixon

Director

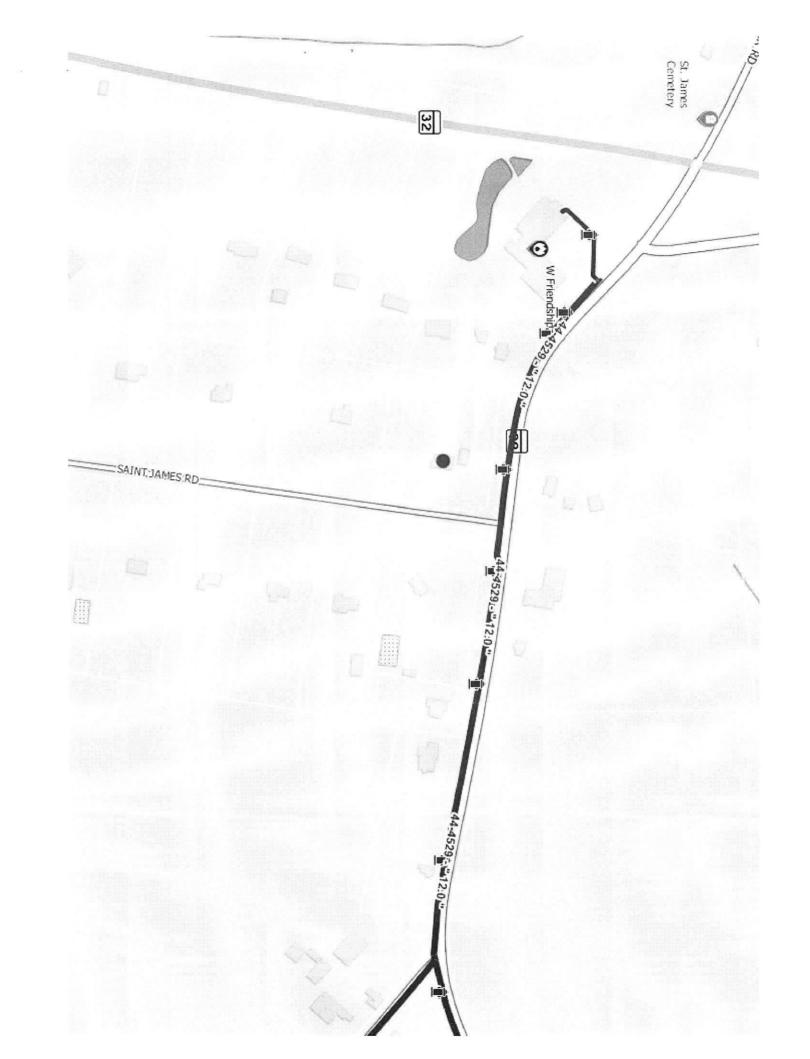
CC: Carl Katenkamp, Real Estate Services

Phyllis Watson, Department of Public Works James Irvin, Director, Department of Public Works Jeff Welty, Deputy Chief, Bureau of Utilities

Executive Secretary, Board of Health

WATER INSTALLATION RECORD 2 I Application No. 1-16-353 Quete 5085126 Date Applied 11/06/2015 Type of installation : Dev. Agreement Future ____ Utilities ADO No. W.H.C Size Meter: 3/4" Date of Tap (2-21-15 Length of Connection Diameter Lospe C SKETCH ' ST James Pd Kind of Pipe Copp Size of Corp. Cook Meter Size 4 Serial Number 8 ERT Number 8 Date of Meter Setting 1950 36.1 Sowge SEWER INSTALLATION RECORD Application No. 5101005604 Premise. Connection Object 7101076588 Date Applied W&S Contract No. 4529 Sewer Add _____ Water Add ____ SzaSHC: MR Unit 01001507 W85 Contract No. Struct House No Lot No Subdivision MARRIOTTSVILL SAINT JAMES RD 1950 Type of Property Town/Vicinity & Zip Applicant Name & Address MARRIOTTSVILLE TIMOTHY E TITCOMB 1950 SAINT JAMES RO TRIANGULATION MARRIOTTSVILL MD 21101 PATIO Consege Dev. Agreement ACO No Laleral 610 Add-on-Water

224 T 224 O



	MARYLAND DEPARTMENT OF THE ENVIRONM	IENT, WATER MANAGEMENT ADMIN e, Maryland 21230 (410) 537-3784	ISTRATION	
****	****************	*********	******	******
****		ENT-SEALING REPORT FORM	*****	*****
*	MIT COPIES OF COMPLETED FORM TO: COUNTY ENVIRONMENTAL AGENCY (contact MDE, WMA WELL OWNER MDE, WATER MANAGEMENT ADMINISTRATION, WELL P			
DAT	E WELL ABANDONED: 12/29/15	(month/day/year)		
*	PERMIT NUMBER OF ABANDONED WELL (if any)			
*	PERMIT NUMBER OF REPLACEMENT WELL:			
*	PERSON ABANDONING WELL: ROBERT COPSEY		UMBER:	
*	OWNER'S NAME: TIMOTHY TITCOMO			i) a
*	WELL LOCATION:	SITE LO	CATION MAP	
	COUNTY: Howard Co. NEAREST TOWN: MAR PLOTISHIES TAX MAP OO BLOCK PARCEL 319 SUBDIVISION: LOT: STREET ADDRESS: 150 St. Janes Rd. LATITUDE 3 9 . 1 9 0 6 5 4	RT 32	RT 99	
	LONGITUDE 7 6 . 5 6 4 5 4 0		X PD	-
*	TYPE OF WELL BEING ABANDONED:DRILLEDJETTED	LOG OF	SEALING MATE	RIAL
	BOREDHAND DUG OTHER (specify)	MATERIAL	FE	ET
*	USE CODE:	MAILMAL	FROM	то
	DOMESTICMUNICIPAL/PUBLICIRRIGATIONINDUSTRIALTEST/OBSERVATIONGEOTHERMAL	Bentonite	400'	4'
*	TYPE OF CASING:STEELPLASTICCONCRETEOTHER (specify)			
SIZE	OF CASING:INCHES IN DIAMETER			
DEP	TH OF WELL: 400 FEET DEEP			
	ANY CASING REMOVED? YES NO If yes, length removed, in feet:	480 lbs Benton	MATERIAL USED	
WAS	CASING RIPPED OR PERFORATED?YESNO	THE REPORT OF A PERSON OF A PE	-1.1	
SIGN	ATURE MASTER WELL DRILLER OR SUPERVISING SANITARIAN LICEN	MWD / MSD /		ATE

Noward County Health Department Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21045

State of Maryland

DHMH - Laboratories Administration

Division of Environmental Chemistry

ENVIRONMENTAL METALS SECTION

201 W. Preston Street, Baltimore, Maryland 21201

Lab No. Date Received

E15001792001 Received: 11/17/2014

COMMUNITY HYGIENE PROGRAM

HC1950Pre

LABORATORY ANALYSIS REQUEST **Please Print**

11 117 10		d Marriottsville		
1/ 1// 12	0/// Time Collecte	e d: 9 00 a.m	p.m. Phone #: ////-	3/3-1
ved By: Field Preserva	ative Used: ☐ HNO ₃ —	DESRL pH 220 11-17-18	☐ Centra	al Lab
□ Con	nmunity -Community -	☐ Stream ☐ Distrib	oution (Treated)	
m: D SDWA	□ NPDES □ CWA	□ RCRA □ Consumer	Products Other	
			☐ Dissolved Metals	
D	T-4-1 Matala	TO I Markala TOID		
			(field preparation required)	
	□ Total Metals □			
ample ta	KIN I VOM	water	(field preparation required)	
Element		watw Element		
Element ntimony (Sb)	KIN I VOM	✓ Element Copper (Cu)	(field preparation required)	
Element ntimony (Sb) rsenic (As)	KIN I VOM	✓ Element Copper (Cu) Lead (Pb)	(field preparation required)	
Element ntimony (Sb) rsenic (As) arium (Ba)	KIN I VOM	✓ Element Copper (Cu) Lead (Pb) Silver (Ag)	(field preparation required)	
Element Intimony (Sb) Interest (As) Intimony (Ba) Intimony (Be)	KIN I VOM	✓ Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn)	(field preparation required)	
Element Intimony (Sb) Insenic (As) Inserium (Ba) Inseryllium (Be) Indenium (Cd)	KIN I VOM	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al)	(field preparation required)	
Element Intimony (Sb) Intimony (Sb) Intimony (Ba) Intimony (Be) Intimony (Cd) Intimony (Cd) Intromium (Cr)	KIN I VOM	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe)	(field preparation required)	
Element Intimony (Sb) Insenic (As) Inserium (Ba) Inserium (Be) Inserium (Cd) Inserium (Cr) Inserium (Hg)	KIN I VOM	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn)	(field preparation required)	
Element Intimony (Sb) Insenic (As) Insenic (As) Inserium (Ba) Inserium (Cd) Inserium (Cr) Inserium (Hg) Inserium (Ni)	KIN I VOM	✓ Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca)	(field preparation required)	
Element Intimony (Sb) Insenic (As) Insenic (As) Inserium (Ba) Inserium (Cd) Inserium (Cd) Inserium (Cr) Inserium (Hg) Inserium (Se) Inserium (Se)	Results (ppm)	Flement Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg)	(field preparation required)	
Element Intimony (Sb) Insenic (As) Insenic (Results (ppm)	Element Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg) Potassium (K)	(field preparation required)	
Element Intimony (Sb) Insenic (As) Insenic (As) Inserium (Ba) Inserium (Cd) Inserium (Cd) Inserium (Cr) Inserium (Hg) Inserium (Se) Inserium (Se)	Results (ppm)	Flement Copper (Cu) Lead (Pb) Silver (Ag) Zinc (Zn) Aluminum (Al) Iron (Fe) Manganese (Mn) Calcium (Ca) Magnesium (Mg)	(field preparation required)	
1	Preserva Drir Con Non Priv strict SDWA	Preservative Used: ☐ HNO ₃ — ☐ Drinking Water ☐ ☐ Community ☐ ☐ Non-Community ☐ ☐ Private m: ☐ SDWA ☐ NPDES ☐ CWA ☐	Preservative Used: ☐ HNO ₃ ☐ Drinking Water ☐ Landfill ☐ Source ☐ Community ☐ Stream ☐ Distrib ☐ Non-Community ☐ Sediment ☐ Other ☐ Private ☐ SDWA ☐ NPDES ☐ CWA ☐ RCRA ☐ Consumer	Preservative Used: ☐ HNO ₃ ☐ Landfill ☐ Source (Raw Water) ☐ Community ☐ Stream ☐ Distribution (Treated) ☐ Non-Community ☐ Sediment ☐ Other ☐ Private m: ☐ SDWA ☐ NPDES ☐ CWA ☐ RCRA ☐ Consumer Products ☐ Other ☐





Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Date Coll.: 11/17/2014 Date Received: 11/17/2014 Submitted By: SHKLYAR Lab Project No: E15001792

Field ID: HC1950Pre

Lab No.: E15001792001

Method

Element

Result

Units

Date Analyzed

EPA 200.7

Sodium

70.01

ppm

11/24/2014

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DEC - 4 2014

HOWARD COUNTY HEALTH DEPT. COMMUNITY HYGIENE PROGRAM

Comments:

Approved by:

Approval date: 11/25/2014

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

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Telephone: (410) 767 - 6944

Fax: (410) 728-7055

Joward County Health Department Bureau of Environmental Health 8930 Stanford Blvd. Columbia, Maryland 21045 State of Maryland

DHMH - Laboratories Administration

Division of Environmental Chemistry

ENVIRONMENTAL METALS SECTION

201 W. Preston Street, Baltimore, Maryland 21201

Lab No. Date Received

E15001792002

Received: 11/17/2014

Metals HC1950Post

LABORATORY ANALYSIS REQUEST Please Print

Sample ID No: HC	1950 Site Name: _	Tim Titeum	County: _	Howara
Sample Source: 19	50 Saint Jam	Town or City	Collector: 1	B, ShK/yar Name
	/ /7 /20 /4 Time Co			
Sample Preserved By	: 🗆 Field	□ ESRL	ILMINI SAY	☐ Central Lab
	: ☑ Field Preservative Used: ☑ HN	NO3 - plt L20	171714 311	
Sample Type:	☑ Drinking Water) □ Liquid
Sample Type.	□ Community	□ Stream	☑ Distribution (Treate)	d) 🗆 Solid
	☐ Non-Community	□ Sediment	□ Other	
	☑ Private			
Type of Sample Prep	SDWA NPDES C	als Total Metals	TCLP Dissolved N	Metals

~	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)	
V	Sodium (Na)	221,10		Potassium (K)	
	Thallium (Tl)			Uranium (U)	
					RECEIVED

Lab Supervisor: Ladra Muneem

Date Reported 1 4

• Fax: (410) 333 – 5122

• Phone: (410) 767 - 6186

DHMH 4432 (7/10)

ax. (110) 333 3122

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HOWARD COUNTY HEALTH DEPT.

COMMUNITY HYGIENE PROGRAM





11/18/2014

ppm

Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project No: E15001792 Date Coll.:11/17/2014 Date Received:11/17/2014 Submitted By: SHKLYAR

Field ID: HC1950Post Lab No.: E15001792002

Method Element Result Units Date Analyzed

EPA 200.7 Sodium 221.10

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DEC - 4 2014

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Comments:

Approved by: Sacia Muneca

Approval date: 11/25/2014

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Fax: (410) 728-7055

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

Howard County Health Department Bureau of Environmental Health

Laboratories Administration 201 W. Preston St

P.O. Box 2355, Baltimore, Maryland 21203 Robert A. Myers, Ph. D., Director

Inorganic

HC 1950 PRE

CHEC	ted: Date ///7//4 Time 9:000/ K (one per box) ing Water in	Marv	Data Category Code Response Submitter Code Water) Water) Water Code Emergency Routine Recheck Special Federal Project	
Plant pH Notes	t No. Sampling Station Chlorine: Free Sample Factor Chlorine: Free	Total _	Preservation: Iced Acid Type of Acid Specific Conductance VON WAF EV TOULC Same reservations and acid Acid	
CHECK	TESTS	Error Code	RESULTS	
	Alkalinity (Total)	1 10 10 10	PartialLis	
- Anna	Ammonia - N		Code Description	
1	Chloride Issues State St		1F Securent Samples	
	Conductance*,Spec.		2A industrial Effluents Compliance	
1	Dissolved Solids (Total)		2B Industrial Grab	
	Hardness metswerns W pails 03	-	2D Elunicipal Grab	
	Fluoride man Zhov R said Ba		4A MCL Surveys	
	Nitrite, N		45 Routine Montening & Other Communities	
	Nitrate - Nitrite, Notice of the state of th		4D Polabie - County Cementity	
	Sulfate		45. Potable - Non Community	
	Total Solids		46 Real Estate Trans./Charge Samples	
	Turbidity*			
	Other: gate3	List of Evrol	RECEIVED RECEIVED	
	J Wrong sample type RR No sample received		DEC 1 1 2014	
	X Engreper preservation		D Insulficient Sample	
	L Michaeled sample		HOWARD COUNTY HEALTH DEPT.	
			COMMUNITY HYGIENE PROGRAM	

* Results reported in Units, a	ıll others in milligrams per liter (ppm)		
Number of		Date	
Tests Requested	Section Chief	Reported	
DHMH 90-A 01/13			





Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project NoE15001785 Date Coll. 11/17/2014 Date Received 11/17/2014 Submitted By:Shaklyar

Field ID: HC 1950 PRE

Lab No.: E15001785002

Analyte Chloride Method

Result

Units mg/L

Date Analyzed

11/24/2014

Total Dissolved Solids

SM 2540C

SM 4500-CI E

305558

mg/L

11/21/2014

Comments:

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DEC 1 1 2014

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Approved by:

Shahler andi

Approval date: 12/09/2014

*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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Telephone: (410) 767 - 6190

Fax: (410) 225 - 3175

Howard County Health Department

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

· Laboratories Administration

201 W. Preston St

Received 11/17/2014

Inorganic

Burea	Robert A. M	Baltimore, Maryla <i>lyers, Ph. D., Dii</i> R ANALYSI	rector
CHECI Drinki Landfi Stream Other F Plant I pH	ed: Date ///7/14 Time 9:00 and K (one per box) ing Water in Sampling Sampling Sampling	Collector & Phone Source (raw wat Distribution (tres	
СНЕСК	M Miscellancous (Other)	Error	Kessoume Consignments
TESTS	TESTS	Code	RESULTS
	Alkalinity (Total)	st of Data Ca	Partial Lis
),	Ammonia - N		<u> Onde</u> <u>Description</u>
-/	Chloride Toggig of Autoparation and		15 Sediment Samples
	Conductance*,Spec.		2A. A. Industrial Efflorent a projugnos
1	Dissolved Solids (Total)		2E - Industrial Greb 2G - Municipal Greb
	Hardness analowstanty being de-		2D Municipal Geo
	Fluoride moent@neutral callM 34		4A MOL Surveys
	Nitrite, N		Communities
	Nitrate - Nitrite, N		4D: Potable - County Community
	Sulfate		4E Potable - Non Community AE Potable - Private Wells
	Total Solids		46 Real Estute Trans, 'Charge Samples
	Turbidity*		
	Other:	al List of Err	RECEIVED
	aavhalqinea yili W t. L. No sample meniyed		insoi DECo1-1-2014 A
	X Improper uroservation		HOWARD COUNTY HEALTH DEPT. COMMUNITY HYGIENE PROGRAM

* Results repo	rted in Units, all others in milligrams per liter (ppm)
Number of	

Tests Requested DHMH 90-A 01/13

Section Chief_

Date Reported

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HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project NoE15001785 Date Coll. 11/17/2014 Date Received 11/17/2014 Submitted By:Shaklyar

Field ID: HC 1950 POST

Lab No.: E15001785003

<u>Analyte</u>

Method

Result

<u>Units</u>

Date Analyzed

Chloride

SM 4500-CI E

306

mg/L

11/24/2014

Total Dissolved Solids

SM 2540C

602

mg/L

11/21/2014

Comments:

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DEC 1 1 2014

HOWARD COUNTY HEALTH DEPT.

COMMUNITY HYGIENE PROGRAM

Approved by:

Shahler andi

Approval date: 12/09/2014

*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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Fax: (410) 225 - 3175

State of Maryland

DHMH - Laboratories Administration

Division of Environmental Chemistry

Howard County Health Department ENVIRONMENTAL METALS SECTION

201 W. Preston Street, Baltimore, Maryland 21201

E15002053001 Received: 12/22/2014

Lab No. Date Received

HC1950Pre

Bureau of Environmental Health 8930 Stanford Blvd.

Columbia, Maryland 21045

LABORATORY ANALYSIS REQUEST **Please Print**

James Road, Mo	Collector Was	
Town or City	Conector. (Value	Name
Time Collected: a.r	m p.m. Phone #:_(410)313-17
sed: ☐ HNO ₃ ☐ ESRL	2.0 12-22-14 SAY	Central Lab
Vater □ Landfill y □ Stream nunity □ Sediment		
DES □ CWA □ RCRA □	Consumer Products Oth	er
	(field preparation require	
	□ ESRL Sed: □ HNO ₃ Vater □ Landfill □ Stream nunity □ Sediment DES □ CWA □ RCRA □ Cotal Metals □ Total Metals	Sed: HNO ₃

~	Element	Results (ppm)	~	Element	Results (ppm)
	Antimony (Sb)			Copper (Cu)	
	Arsenic (As)	12		Lead (Pb)	
	Barium (Ba)			Silver (Ag)	
	Beryllium (Be)	4		Zinc (Zn)	and the same of th
	Cadmium (Cd)			Aluminum (Al)	1
	Chromium (Cr)			Iron (Fe)	
	Mercury (Hg)			Manganese (Mn)	
	Nickel (Ni)			Calcium (Ca)	
	Selenium (Se)			Magnesium (Mg)	
V	Sodium (Na)	71.2		Potassium (K)	
	Thallium (Tl)			Uranium (U)	
				THE LOCAL PROPERTY.	RECEIVED

Lab Supervisor:

Date Reported: AN 1/2 2015

• Phone: (410) 767 - 6186

• Fax: (410) 333 - 5122

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HOWARD COUNTY HEALTH DEPT. COMMUNITY HYGIENE PROGRAM

OHMH 4432 (7/10)





Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project No: E15002053 Date Coll.:12/22/2014 Date Received:12/22/2014 Submitted By: OSWALD

Field ID: HC1950Pre Lab No.: E15002053001

Method Element Result Units Date Analyzed

EPA 200.7 Sodium 71.24 ppm 12/30/2014

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JAN 1 2 2015

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Comments:

Approved by: Sadia Mureca

Approval date: 01/08/2015

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Telephone: (410) 767 - 6944

Fax: (410) 728-7055

Send Report To: Howard County Health Department of HEALTH AND MENTAL HYGIENE Bureau of Environmental Health Laboratories Administration 201 W. Preston St

8930 Stanford Blvd.

Columbia, Maryland 21045

P.O. Box 2355, Baltimore, Maryland 21203 Robert A. Myers, Ph. D., Director



Received: 12/22/2014

HV 1950PRF

	WATE	R ANALYSIS	
Collecte CHECH Drinkii Landfii Stream Other	ed: Date 12 22 13 Time 10 AUM K (one per box) Ing Water Ill Non-community Private Other Chlorine: Free	Collector & Phone Source (raw water Distribution (treate MCL) Pre	County Code Data Category Code Submitter Code Submitter Code Submitter Code Acid Type of Acid Specific Conductance Specific Conductance
	rui Wiscerianeaus (Orner)		R Resource Conservation and
CHECK TESTS	TESTS	Error Code	RESULTS
N P = 1	Alkalinity (Total)		Partial L
)	Ammonia - N neugoses al edgo		Code Description
/	Chloride Isenges State vote 198		1F Sediment Samples
	Conductance*, Spec.		2A Industrial Efficents/Compliance
/	Dissolved Solids (Total)		28 Industrial Crab
	Hardness and sweller was a series of the ser		2D Municipal Greb
	Fluoride Misc. River/Stream 33	-a	A MCL Surveys
	Nitrite, N		48 Routine Wontahing & Other Communities
	Nitrate - Nitrite, N		49 Folker - County Commonly
	Sulfate		4E Polable - Non Community
	Total Solids		4G Real Estate Trans /Charge Ser Her
	Turbidity*		
	Other: eefo 5 to	tidi List of Err	RECEIVED
	Code Description		Code Description
	Man distribution and the second		JAN 7 2015
	2 Wesampie type		CONSTRUCTION CONTRACTOR SAILURE
	X Improper preservation		HOWARD COUNTY HEALTH DEPT.
	til wiistabeled sample		COMMUNITY HYGIENE PROGRAM
y			TANETRUGRAM
/			
Numb	alts reported in Units, all others in milligrams per lit er of Requested Section Chief_	er (ppm)	Date Reported

DHMH 90-A 01/13	CUDAUTTEDIA CO
	SUBMITTER'S CO





Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project NoE15002050 Date Coll. 12/22/2014 Date Received 12/22/2014 Submitted By: H. Oswald

Field ID: HV 1950PRE

Lab No.: E15002050001

 Analyte
 Method
 Result
 Units
 Date Analyzed

 Chloride
 SM 4500-CI E
 302
 mg/L
 12/29/2014

Total Dissolved Solids SM 2540C 552 mg/L 12/26/2014

Comments:

RECEIVED

JAN 7 2015

HOWARD COUNTY HEALTH DEPT.

COMMUNITY HYGIENE PROGRAM

Approved by:

Shahler andi

Approval date: 01/05/2015

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Bureau of Environmental Health

Columbia, Maryland 21045

8930 Stanford Blvd.

State of Maryland

DHMH - Laboratories Administration

Division of Environmental Chemistry

ENVIRONMENTAL METALS SECTION Howard County Health Department

201 W. Preston Street, Baltimore, Maryland 21201

E15002053002

Received: 12/22/2014

Lab No. Date Received

HC1950Post

LABORATORY ANALYSIS REQUEST **Please Print**

Sample ID No: \(\frac{1}{2} \)	Site Name:	Tim Titour	County:	Howard
Sample Source:	1950 Saint James	Town or City	motkul Collector:	Hank Oswal
Date Collected:	12 / 22 /20 14 Time Co	ollected: 10 a.i	mp.m. Phon	e#:(410)313-17
Sample Preserve	d By: □ Field Preservative Used: □ HN	NO ₃ ESRL	0 12-2214 SAY	☐ Central Lab
Sample Type:	Drinking Water	□ Landfill □ Stream	☐ Source (Raw Wate ☐ Distribution (Treat	r) \Box Liquid
Specify Program	: □ SDWA □ NPDES □ C	WA □ RCRA □	Consumer Products	☐ Other
	Preparation: Total Meta		(field preparation	

~	Element	Results (ppm)	~	Element	Results (ppm)
	Antimony (Sb)		Copper (Cu)	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)	70.2		Potassium (K)	
	Thallium (Tl)			Uranium (U)	
					RECEIVE

Lab Supervisor:

• Phone: (410) 767 - 6186

Date Reported:

• Fax: (410) 333 - \$122

DHMH 4432 (7/10)

HOWARD COUNTY HEALTH DEPT. COMMUNITY HYGIENE PROGRAM

SUBMITTER'S COPY





Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project No: E15002053 Date Coll.:12/22/2014

Date Received: 12/22/2014

Submitted By: OSWALD

Field ID: HC1950Post

Lab No.: E15002053002

Element

Result

Units

Date Analyzed

EPA 200.7

Method

Sodium

70.15

ppm

12/30/2014

RECEIVED

JAN 12 2015

HOWARD COUNTY HEALTH DEPT.

COMMUNITY HYGIENE PROGRAM

Comments:

Approved by:

Approval date: 01/08/2015

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

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Telephone: (410) 767 - 6944

Fax: (410) 728-7055

Bureau of Environmental Health

8930 Stanford Blvd.

Columbia, Maryland 21045

Send Report To: Howard County Health Department OF HEALTH AND MENTAL HYGIENE Laboratories Administration

201 W. Preston St

P.O. Box 2355, Baltimore, Maryland 21203 Robert A. Myers, Ph. D., Director

WATED ANATVEIC



E15002050002 Received: 12/22/2014

Inorganic

HC 1950POST

Location P L Collect CHEC Drink Landt Streat Other F Plant pH L	er HC 1950 Post Name on 1950 Sount James R ted: Date 12214 Time 15 AM CK (one per box) ting Water	Collector & Phone Source (raw w Distribution (t MCL	County Code Code Data Category Code Submitter Code Emergency Routine Recheck Special Project Preservation: Iced Acid Acid Specific Conductance			
CHECK	CHECK EPPOCEC Error (AS DECLIFIC					
TESTS	TESTS	Code	RESULTS			
	Alkalinity (Total)	EU ETETL TO	eld Indian'i			
	Ammonia - N pollucação abod	-	Gode Dasingtion			
	Chloride saggest augment 32		TE Sediment Samples			
	Conductance*, Spec.		2A Industrial Effluents Compliance			
	Dissolved Solids (Total)		ZB Industrial Graphings 26 Municipal Compliance			
	Hardness and swall file of the date of the		2D Monicipal Grap			
	Fluoride means and 38		4A MCL Surveys 4B Routine Montesting & Option			
	Nitrite, N	Sa.	Communities			
	Nitrate - Nitrite, N		4D Parable - Sounty Contributiy			
	Sulfate		45 Potable - Nes Community 45 Potable - Private Wells			
	Total Solids	11	4G Real Estate Trans/Charus Sambles			
	Turbidity*		THE RESERVE TO THE PROPERTY OF			
	Other:	List of Err	RECEIVED			
	t taxong sample type RR No sample received X 'mproper preservation		JAN 7 2015 M C Incomple			
	LL Mislabelod sample		HOWARD COUNTY HEALTH DEPT.			
7		2	COMMUNITY HYGIENE PROGRAM			
Numl Tests	ults reported in Units, all others in milligrams per liber of Requested Section Chief_	ter (ppm)	Date Reported			





Certificate of Analysis

HOWARD CO ENVIRONMENTAL HLTH 8930 STANFORD BLVD COLUMBIA, MD 21045

Lab Project NoE15002050 Date Coll. 12/22/2014 Date Received 12/22/2014 Submitted By: H. Oswald

Field ID: HC 1950POST

Lab No.: E15002050002

Analyte Chloride

Total Dissolved Solids

Method SM 4500-CI E Result 307 Units mg/L Date Analyzed 12/29/2014

SM 2540C

563

mg/L

12/26/2014

Comments:

RECEIVED

JAN 7 2015

HOWARD COUNTY HEALTH DEPT.
COMMUNITY HYGIENE PROGRAM

Approved by:

Shahler andi

Approval date: 01/05/2015

*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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