

Send Report To:

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

  
**E20002546001**  
 Received: 01/30/2020  
 Metals Field Blank

### LABORATORY ANALYSIS REQUEST

Do not write above this line

Please Print

Sample ID No: FIELD BLANK Site Name: \_\_\_\_\_ County: \_\_\_\_\_

Sample Source: Type 1 From WMRL Collector: J. Holt 632354  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0530 a.m. / p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab  
 Preservative Used:  HNO<sub>3</sub> 3 mL pH: \_\_\_\_\_

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code: HA  Non-Community  Sediment  Other Type 1  
 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: SP20-03

✓	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)	<u>GW</u>			
	Chromium (Cr)		✓	Lead (Pb)	<u>HA</u>			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	<u>GW</u>			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

Lab Supervisor: \_\_\_\_\_ Date Reported: \_\_\_\_/\_\_\_\_/\_\_\_\_

•Phone: (443) 681 – 4596 •Fax: (443) 681 – 4507



## Certificate of Analysis

WESTERN MARYLAND REGIONAL LAB  
 12503 WILLOWBROOK RD - THE BROOK BLDG #6  
 CUMBERLAND, MD 21502

Lab Project No: E20002546 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: Holt

Field ID: Field Blank  
 Lab No.: E20002546001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	<0.100	ppm	02/05/2020
EPA 200.7	Manganese	<0.050	ppm	02/05/2020
<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

**Comments:**

Approved by: <u><i>Wendy L. Tressan</i></u>	Approval date: <u>02/10/2020</u>
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\*\*The following methods are included in our A2LA Scope of Accreditation: EPA 200.7, EPA 200.8, EPA 245.1. Samples are tested as received.

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**TRACE METALS LABORATORY**

1770 Ashland Avenue  
Baltimore, Maryland 21205

  
**E20002547001**  
Received: 01/30/2020  
Metals Hydrant 1

**LABORATORY ANALYSIS REQUEST**

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Please Print

Sample ID No: Hydrant 1 Site Name: EMMITSBURG County: FRGN

Sample Source: 17700 Creamery Rd @ Pump sta Collector: Holt 682507  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0720 a.m. / p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab  
Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.5

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: All elements from 1 cube, flushed SP20-03

✓	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)	gw			
	Chromium (Cr)		✓	Lead (Pb)	SH			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	gw			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

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 Department of Health  
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**TRACE METALS LABORATORY**  
 1770 Ashland Avenue, Baltimore, Maryland 21205  
 Robert Myers, Ph.D., Director



## Certificate of Analysis

FREDERICK CO ENVIRON HLTH  
 350 MONTEVUE LANE  
 FREDERICK, MD 21702

Lab Project No: E20002547    Date Coll.: 01/29/2020    Date Received: 01/30/2020    Submitted By: Holt

Field ID: Hydrant 1  
 Lab No.: E20002547001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	<0.100	ppm	02/06/2020
EPA 200.7	Manganese	<0.050	ppm	02/06/2020
<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

**Comments:**

Approved by: <u><i>Wendy L. Tresser</i></u>	Approval date: <u>02/10/2020</u>
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**E20002547002**  
 Received: 01/30/2020  
 Metals Hydrant 2

**LABORATORY ANALYSIS REQUEST**

Do not write above this line

Please Print

Sample ID No: Hydrant 2 Site Name: EMMITSBURG County: FRGO

Sample Source: Intersection of Timbermill Ct & Wheatley Pl Collector: Alt 6323JH  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0830 a.m. / p.m. Phone #: 410 446 7432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab  
Preservative Used:  HNO<sub>3</sub> 3 mL pH: 8.2

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
Data Category:  Community  Stream  Distribution (Treated)  Solid  
Code: HA  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: ALL ELEMENTS FROM SAME CUBE, FLUSED SAMPLE  
SP20-03

✓	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)	<u>Low</u>			
	Chromium (Cr)		✓	Lead (Pb)	<u>Low</u>			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	<u>Low</u>			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

Lab Supervisor: \_\_\_\_\_ Date Reported: \_\_\_\_/\_\_\_\_/\_\_\_\_

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## Certificate of Analysis

FREDERICK CO ENVIRON HLTH  
 350 MONTEVUE LANE  
 FREDERICK, MD 21702

Lab Project No: E20002547 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: Holt

Field ID: Hydrant 2  
 Lab No.: E20002547002

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	0.14	ppm	02/06/2020
EPA 200.7	Manganese	<0.050	ppm	02/06/2020
<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

**Comments:**

Approved by: *Wendie L. Tresson*

Approval date: 02/10/2020

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**TRACE METALS LABORATORY**

1770 Ashland Avenue  
Baltimore, Maryland 21205



**E20002569001**

Received: 01/30/2020

Metals AS126EM

**LABORATORY ANALYSIS REQUEST**

Do not write above this line

Please Print

Sample ID No: AS126EM Site Name: EMMITSBURG County: FRED

Sample Source: 126 E. Main St. RR H.S. Collector: J. Holt 6323 JT  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0530 a.m./p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab

Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.4

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
Data Category:  Community  Stream  Distribution (Treated)  Solid  
Code: HA  Non-Community  Sediment  Other SP20-03  
 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: FLUSHED SAMPLE - ALSO LABELED 'Metals'

✓	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)	<u>GM</u>			
	Chromium (Cr)			Lead (Pb)				
	Mercury (Hg)		<del>✓</del>	Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	<u>GM</u>			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

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Robert Myers, Ph.D., Director



## Certificate of Analysis

MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002569 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J. Holt

Field ID: AS126EM  
Lab No.: E20002569001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	<0.100	ppm	02/06/2020
EPA 200.7	Manganese	<0.050	ppm	02/06/2020

### Comments:

Approved by: *Wanda Tresson*

Approval date: 02/10/2020

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1770 Ashland Avenue  
Baltimore, Maryland 21205

Lab No. Date Received

  
**E20002569002**  
Received: 01/30/2020  
Metals BT 527 WM

**LABORATORY ANALYSIS REQUEST**

Please Print

Sample ID No: BT527WM Site Name: EMMITSBURG County: FRED

Sample Source: 527 W. Main St.; RR HS. Collector: J. Holt 632571  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0700 a.m./p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab

Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.2  
pH 2.2 SA 1-31-20

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
Data Category:  Community  Stream  Distribution (Treated)  Solid  
Code   Non-Community  Sediment  Other SP20-03  
 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: FLUSHED SAMPLE - ALSO LABELED 'metals'

✓	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)	<u>low</u>			
	Chromium (Cr)			Lead (Pb)				
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	<u>low</u>			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

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State of Maryland  
Department of Health  
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## Certificate of Analysis

MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002569 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J. Holt

Field ID: BT 527 WM  
Lab No.: E20002569002

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	<0.100	ppm	02/06/2020
EPA 200.7	Manganese	<0.050	ppm	02/06/2020

### Comments:

Approved by:

*Wendy A. Tresser*

Approval date: 02/10/2020

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 Baltimore, Maryland 21205

Lab No. Date Received  
 E20002569003  
 Received: 01/30/2020  
 Metals POE 0100010

**LABORATORY ANALYSIS REQUEST**

Do not write above this line

Please Print

Sample ID No: POE0100010 Site Name: EMMITSBURG County: FRSD

Sample Source: POE @ WTP LAB SINK Collector: J. Holt 632357  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0750 a.m./p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab

Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.7  
pH < 2 1-31-20

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code:  A  Non-Community  Sediment  Other POE  
Private 5P20-03

Specify Program:  SDWA  NPDES  CWA  RCRA  Consumer Products  Other

Type of Sample Preparation:  Total Metals  Total Metals TCLP  Dissolved Metals  
(field preparation required)

Remarks: Flushed sample; also labeled 'metals'

✓	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)	<u>GW</u>			
	Chromium (Cr)			Lead (Pb)				
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	<u>GW</u>			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

Lab Supervisor: \_\_\_\_\_ Date Reported: \_\_\_\_/\_\_\_\_/\_\_\_\_

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Department of Health  
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## Certificate of Analysis

MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002569 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J. Holt

Field ID: POE 0100010  
Lab No.: E20002569003

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Manganese	<0.050	ppm	02/06/2020
EPA 200.7	Iron	<0.100	ppm	02/06/2020

### Comments:

Approved by:

Approval date: 02/10/2020

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Send Report To:

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 Baltimore, Maryland 21205

Lab No. Date Received



E20002569004  
Received: 01/30/2020

Metals AC1330 WD

### LABORATORY ANALYSIS REQUEST

Please Print

Sample ID No: AC1330 WD Site Name: EMMITT BURG County: FRED

Sample Source: 1330 Wheatley DR RR. H.S Collector: J. Holt 632304  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0900 a.m./p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab

Preservative Used:  HNO<sub>3</sub> 3 mL pH: 8.3  
PH < 2 @ 1-31-20

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code:    Non-Community  Sediment  Other SP20-03  
 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: FLUSHED SAMPLES; Also labeled 'Metals'

✓	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)	<u>low</u>			
	Chromium (Cr)			Lead (Pb)				
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)		✓	Manganese (Mn)	<u>low</u>			
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

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## Certificate of Analysis

MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002569 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J. Holt

Field ID: AC1330 WD  
Lab No.: E20002569004

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.7	Iron	<0.100	ppm	02/06/2020
EPA 200.7	Manganese	<0.050	ppm	02/06/2020

### Comments:

Approved by: *Wendy L. Tresson*

Approval date: 02/10/2020

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Lab No. Date Received

**E20002567001**  
 Received: 01/30/2020  
 Metals AC1330WD

**LABORATORY ANALYSIS REQUEST**

Do not write above this line

Please Print

Sample ID No: AC1330WD Site Name: EMMITSBURG County: FRSD

Sample Source: 1330 Wheatley Drive Kitchen sink Collector: J. Holt  
Street Town or City Name

Date Collected: 1/29/20 ~~1920~~ Time Collected: 0900 a.m./p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab

Preservative Used:  HNO<sub>3</sub> 3 mL pH: 8.3  
pH < 2 SA 1-31-20

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code   Non-Community  Sediment  Other SP20-03  
 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: First Drawl sample; Also labeled 'Metals (Pb)'

✓	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)		<input checked="" type="checkbox"/>	Lead (Pb)	<u>SA</u>			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)			Manganese (Mn)				
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			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

MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002567 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J Holt

Field ID: AC1330WD  
Lab No.: E20002567001

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

### Comments:

Approved by: *Wendy L. Tresser*

Approval date: 02/10/2020

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

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 Baltimore, Maryland 21205

Lab No. Date Received



E20002567002

Received: 01/30/2020

Metals

POE 0100010

**LABORATORY ANALYSIS REQUEST**

Please Print

Sample ID No: POE010010 Site Name: EMMITSBURG County: FRED

Sample Source: POE @ WTP LAB SINK Collector: J. Holt 632374  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0750 am / p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab  
Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.7

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
Data Category:  Community  Stream  Distribution (Treated)  Solid  
Code:  Non-Community  Sediment  Other SP20-03  
 Private POE

Specify Program:  SDWA  NPDES  CWA  RCRA  Consumer Products  Other

Type of Sample Preparation:  Total Metals  Total Metals TCLP  Dissolved Metals  
(field preparation required)

Remarks: FIRST DRAWN SAMPLE; Also labeled 'Metals' (Pb)

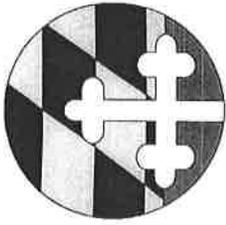
✓	Element	Lab Use	✓	Element	Lab Use	✓	Element	Lab Use
	Antimony (Sb)			Aluminum (Al)			Uranium (U)	
	Arsenic (As)			Calcium (Ca)			Vanadium (V)	
	Barium (Ba)			Cobalt (Co)			Zinc (Zn)	
	Beryllium (Be)			Copper (Cu)				
	Cadmium (Cd)			Iron (Fe)				
	Chromium (Cr)		<input checked="" type="checkbox"/>	Lead (Pb)	<u>SW</u>			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)			Manganese (Mn)				
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

•Phone: (443) 681 – 4596

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## Certificate of Analysis

MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002567 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J Holt

Field ID: POE 0100010  
Lab No.: E20002567002

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

### Comments:

Approved by: *Wanda L. Luesen*

Approval date: 02/10/2020

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1770 Ashland Avenue  
Baltimore, Maryland 21205

Lab No. Date Received



**E20002567003**

Received: 01/30/2020

Metals

BT527VWM

**LABORATORY ANALYSIS REQUEST**

Do not write above this line

Please Print

Sample ID No: BT527VWM Site Name: EMMITSBURG County: FRED

Sample Source: 527 W. Main St. ; Kitchen sink Collector: J. Holt G223TH  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0700 a.m. / p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab

Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.2

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
Data Category:  Community  Stream  Distribution (Treated)  Solid  
Code    Non-Community  Sediment  Other SP20-03  
 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: FIRST DRAWL SAMPLE; also labeled 'Metals (Pb)'

✓	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)	<u>det</u>			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)			Manganese (Mn)				
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

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MDE WATER QUAL MONITORING PROG  
416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002567 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J Holt

Field ID: BT527WM  
Lab No.: E20002567003

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

### Comments:

Approved by: *Wendy A. Tresson*

Approval date: 02/10/2020

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Lab No. Date Received

  
**E20002567004**  
 Received: 01/30/2020  
 Metals AS126EM

### LABORATORY ANALYSIS REQUEST

Please Print

Sample ID No: AS126EM Site Name: EMMITSBURG County: FRED

Sample Source: 126 E. Main St. ; Kitchen Sink Collector: J. Holt (528) 11  
Street Town or City Name

Date Collected: 1/29/2020 Time Collected: 0530 a.m. / p.m. Phone #: 4104467432

Sample Preserved By:  Field  ESRL  WMRL  Central Lab  
 Preservative Used:  HNO<sub>3</sub> 3 mL pH: 7.4

Sample Type:  Drinking Water  Landfill  Source (Raw Water)  Liquid  
 Data Category:  Community  Stream  Distribution (Treated)  Solid  
 Code:  A  Non-Community  Sediment  Other SP20-03  
 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: FIRST DRAW - CUBE LABELED 'Metals (Pb)'

✓	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)		<input checked="" type="checkbox"/>	Lead (Pb)	<input checked="" type="checkbox"/>			
	Mercury (Hg)			Magnesium (Mg)				
	Nickel (Ni)			Manganese (Mn)				
	Selenium (Se)			Molybdenum (Mo)				
	Sodium (Na)			Potassium (K)				
	Thallium (Tl)			Silver (Ag)				

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

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

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416 CHINQUAPIN ROUND ROAD  
ANNAPOLIS, MD 21401

Lab Project No: E20002567 Date Coll.: 01/29/2020 Date Received: 01/30/2020 Submitted By: J Holt

Field ID: AS126EM  
Lab No.: E20002567004

<u>Method</u>	<u>Element</u>	<u>Result</u>	<u>Units</u>	<u>Date Analyzed</u>
EPA 200.8	Lead	<0.005	ppm	02/04/2020

### Comments:

Approved by:

*Wendy A. Treason*

Approval date: 02/10/2020

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