



Project: Frederick Co Schools

## Analytical Results

Project Number: Middletown High School  
 Client Name: TIDEWATER  
 Project Manager: Meneka Rodrigo

Reported:  
 18-Mar-22 12:52

### Method: EPA 200.8

Sample Name	ECL #	Sample Desc	Analyte	Result	Units	Analyzed Date	Analyst
K17-01 3033 (IM)	E070056-01	Kitchen	Lead	< 1.0	ug/L	3/17/2022 5:02:01PM	MAP
K17-03 3033 (IM)	E070056-02	Gym Storage Room	Lead	< 1.0	ug/L	3/17/2022 5:12:44PM	MAP
K31-01 3033 (KS)	E070056-03	Kitchen Prep Area	Lead	10.2	ug/L	3/17/2022 5:16:18PM	MAP
K31-02 3033 (KS)	E070056-04	Kitchen In Corner	Lead	22.7	ug/L	3/17/2022 5:19:53PM	MAP
S23-001 3033 (NO)	E070056-05	Health Room Main Office	Lead	1.1	ug/L	3/17/2022 5:23:28PM	MAP
S23-031 3033 (OT)	E070056-06	Maintenance Office Counter	Lead	2.0	ug/L	3/17/2022 5:27:04PM	MAP
S23-190 3033 (HE)	E070056-07	Room 430	Lead	1.6	ug/L	3/17/2022 5:37:48PM	MAP
S23-195 3033 (HE)	E070056-08	Room 420A Early Childhood Dev. Kitc	Lead	1.9	ug/L	3/17/2022 5:41:24PM	MAP
S23-201 3033 (TL)	E070056-09	Room 411 Staff Lounge	Lead	4.8	ug/L	3/17/2022 5:45:01PM	MAP
S23-202 3033 (HE)	E070056-10	Room 422A Small Kitchen	Lead	1.8	ug/L	3/17/2022 5:48:33PM	MAP
W01A-02 3033 (DF)	E070056-11	Main Hallway-Principal	Lead	1.8	ug/L	3/17/2022 5:52:05PM	MAP
W01A-03 3033 (DF)	E070056-12	Gym Mezz at Conc. Stand	Lead	< 1.0	ug/L	3/17/2022 6:02:45PM	MAP
W01A-03 3033 (DF) B	E070056-13	Gym Mezz at Conc. Stand	Lead	< 1.0	ug/L	3/17/2022 6:06:18PM	MAP
W01A-04 3033 (DF)	E070056-14	CafeteriaWest End at Room 119	Lead	< 1.0	ug/L	3/17/2022 6:09:52PM	MAP
W01A-04 3033 (DF) B	E070056-15	CafeteriaWest End at Room 119	Lead	< 1.0	ug/L	3/17/2022 6:20:35PM	MAP
W01A-05 3033 (DF)	E070056-16	CafeteriaKitchen End	Lead	5.2	ug/L	3/17/2022 6:24:10PM	MAP
W01A-07 3033 (DF)	E070056-17	Custodial Hallway at Room 421	Lead	2.8	ug/L	3/17/2022 6:27:44PM	MAP
W01A-08 3033 (DF)	E070056-18	Main Hallway at Room 431-433	Lead	3.0	ug/L	3/17/2022 6:31:19PM	MAP

Stephen Shelley, Laboratory Director

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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W01A-08 3033 (DF) B	E070056-19	Main Hallway at Room 431-433	Lead	2.7	ug/L	3/17/2022	6:34:55PM	MAP
W01A-10 3033 (DF)	E070056-20	Room 420A	Lead	9.1	ug/L	3/17/2022	6:38:27PM	MAP
W01A-10 3033 (DF) B	E070056-21	Room 420A	Lead	11.8	ug/L	3/17/2022	6:45:32PM	MAP
W01A-11 3033 (DF)	E070056-22	Ag Shop Room 440	Lead	4.0	ug/L	3/17/2022	7:03:21PM	MAP
W01A-11 3033 (DF) B	E070056-23	Ag Shop Room 440	Lead	5.3	ug/L	3/17/2022	7:06:55PM	MAP
W01A-12 3033 (DF) L	E070056-24	Hallway Across Rn 523	Lead	< 1.0	ug/L	3/17/2022	7:10:29PM	MAP
W01A-12 3033 (DF) R	E070056-25	Hallway Across Rn 523	Lead	< 1.0	ug/L	3/17/2022	7:14:03PM	MAP
W01A-13 3033 (DF)	E070056-26	Across Room 309	Lead	< 1.0	ug/L	3/17/2022	7:17:38PM	MAP
W01A-13 3033 (DF) B	E070056-27	Across Room 309	Lead	< 1.0	ug/L	3/17/2022	7:21:13PM	MAP
W01A-14 3033 (DF)	E070056-28	Hallway at Room 201	Lead	< 1.0	ug/L	3/17/2022	7:24:48PM	MAP
W01A-15 3033 (DF)	E070056-29	Girl's Locker Room	Lead	1.6	ug/L	3/17/2022	7:28:21PM	MAP
W01A-16 3033 (DF)	E070056-30	Gym Floor School Side	Lead	3.1	ug/L	3/17/2022	7:31:54PM	MAP
W01A-17 3033 (DF)	E070056-31	Boy's Locker Room	Lead	< 1.0	ug/L	3/17/2022	7:35:27PM	MAP
W01A-17 3033 (DF) B	E070056-32	Boy's Locker Room	Lead	< 1.0	ug/L	3/17/2022	7:53:15PM	MAP
W01A-18 3033 (DF)	E070056-33	Gym Floor Lower End	Lead	1.0	ug/L	3/17/2022	7:56:49PM	MAP
W01A-19 3033 (DF)	E070056-34	Gym Weight RM	Lead	< 1.0	ug/L	3/17/2022	8:00:23PM	MAP
W01A-20 3033 (DF)	E070056-35	Pool at Coach Office	Lead	3.2	ug/L	3/17/2022	8:03:58PM	MAP
W01A-20 3033 (DF) B	E070056-36	Pool at Coach Office	Lead	2.2	ug/L	3/17/2022	8:07:33PM	MAP
W01B-02 3033 (DF)	E070056-37	Pool at Girl's Locker Room	Lead	16.3	ug/L	3/17/2022	8:11:08PM	MAP

Stephen Shelley, Laboratory Director

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Project: Frederick Co Schools

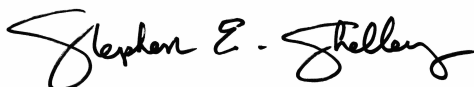
## Analytical Results

Project Number: Middletown High School  
Client Name: TIDEWATER  
Project Manager: Meneka Rodrigo

Reported:  
18-Mar-22 12:52

## Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference



Stephen Shelley, Laboratory Director

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**SITE: MIDDLETOWN HIGH SCHOOL      200 Schoolhouse Drive, Middletown, MD 21769**  
**SAMPLER'S NAME: UDAYANGA DIAS**

No.	Name	Site	Area-Room number	Area	Category	Sampling Date and Time
1	K17-01 3033 (IM)	MHS	Kitchen	2	E1030.80 Foodservice Equipment (Ice Machine, Flake Or Cube)	March 16, 2022 0444 <del>0444</del>
2	K17-03 3033 (IM)	MHS	Gym Storage Room	2	E1030.80 Foodservice Equipment (Ice Machine, Flake Or Cube)	March 16, 2022 0512
3	K31-01 3033 (KS)	MHS	Kitchen Prep Area	2	D2010.60 Plumbing Fixture (Kitchen Sink)	March 16, 2022 0458
4	K31-02 3033 (KS)	MHS	Kitchen In Corner	2	D2010.60 Plumbing Fixture (Kitchen Sink)	March 16, 2022 0448
5	S23-001 3033 (NO)	MHS	Health Room Main Office	2	D2010.60 Plumbing Fixture (Non-Kitchen Lavatory/Sink)	March 16, 2022 0502
6	S23-031 3033 (OT)	MHS	Maintenance Office Counter	2	D2010.60 Plumbing Fixture (Non-Kitchen Lavatory/Sink)	March 16, 2022 0421
7	S23-190 3033 (HE)	MHS	Room 430	2	D2010.60 Plumbing Fixture (Non-Kitchen Lavatory/Sink)	March 16, 2022 0432
8	S23-195 3033 (HE)	MHS	Room 420A Early Childhood Dev. Kitchen	2	D2010.60 Plumbing Fixture (Non-Kitchen Lavatory/Sink)	March 16, 2022 0435
9	S23-201 3033 (TL)	MHS	Room 411 Staff Lounge	2	D2010.60 Plumbing Fixture (Non-Kitchen Lavatory/Sink)	March 16, 2022 0441

*UD*

**SITE: MIDDLETOWN HIGH SCHOOL      200 Schoolhouse Drive, Middletown, MD 21769**  
**SAMPLER'S NAME: UDAYANGA DIAS**

No.	Name	Site	Area-Room number	Area	Category	Sampling Date and Time
10	S23-202 3033 (HE)	MHS	Room 422A Small Kitchen	2	D2010.60 Plumbing Fixture (Non-Kitchen Lavatory/Sink)	March 16, 2022 0434
11	W01A-02 3033 (DF)	MHS	Main Hallway-Principal	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0500
12	W01A-03 3033 (DF)	MHS	Gym Mezz at Conc. Stand	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0506
13	W01A-03 3033 (DF) B	MHS	Gym Mezz at Conc. Stand	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0506
14	W01A-04 3033 (DF)	MHS	CafeteriaWest End at Room 119	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0458
15	W01A-04 3033 (DF) B	MHS	CafeteriaWest End at Room 119	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0459
16	W01A-05 3033 (DF)	MHS	CafeteriaKitchen End	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0443
17	W01A-07 3033 (DF)	MHS	Custodial Hallway at Room 421	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0439
18	W01A-08 3033 (DF)	MHS	Main Hallway at Room 431-433	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022 0430

**SITE: MIDDLETOWN HIGH SCHOOL      200 Schoolhouse Drive, Middletown, MD 21769**  
**SAMPLER'S NAME: UDAYANGA DIAS**

No.	Name	Site	Area-Room number	Area	Category	Sampling Date and Time
19	W01A-08 3033 (DF) B	MHS	Main Hallway at Room 431-433	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0431
20	W01A-10 3033 (DF)	MHS	Room 420A	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0437
21	W01A-10 3033 (DF) B	MHS	Room 420A	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0438
22	W01A-11 3033 (DF)	MHS	Ag Shop Room 440	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0428
23	W01A-11 3033 (DF) B	MHS	Ag Shop Room 440	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0428
24	W01A-12 3033 (DF) L	MHS	Hallway Across Rn 523	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0423
25	W01A-12 3033 (DF) R	MHS	Hallway Across Rn 523	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0424
26	W01A-13 3033 (DF)	MHS	Across Room 309	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0453
27	W01A-13 3033 (DF) B	MHS	Across Room 309	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0454

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**SAMPLER'S NAME: UDAYANGA DIAS**

No.	Name	Site	Area-Room number	Area	Category	Sampling Date and Time
28	W01A-14 3033 (DF)	MHS	Hallway at Room 201	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0456
29	W01A-15 3033 (DF)	MHS	Girl's Locker Room	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0519
30	W01A-16 3033 (DF)	MHS	Gym Floor School Side	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0508
31	W01A-17 3033 (DF)	MHS	Boy's Locker Room	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0516
32	W01A-17 3033 (DF) B	MHS	Boy's Locker Room	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0517
33	W01A-18 3033 (DF)	MHS	Gym Floor Lower End	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0511
34	W01A-19 3033 (DF)	MHS	Gym Weight RM	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0505
35	W01A-20 3033 (DF)	MHS	Pool at Coach Office	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0522
36	W01A-20 3033 (DF) B	MHS	Pool at Coach Office	2	D2010.60 Plumbing Fixture (Refrigerated Drinking Fountain)	March 16, 2022  0523

SITE: MIDDLETOWN HIGH SCHOOL      200 Schoolhouse Drive, Middletown, MD 21769  
 SAMPLER'S NAME: UDAYANGA DIAS

No.	Name	Site	Area-Room number	Area	Category	Sampling Date and Time
37	W01B-02 3033 (DF)	MHS	Pool at Girls Locker Room	2	D2010.60 Plumbing Fixture (Non-Refrigerated Drinking Fountain)	March 16, 2022 0521



**Client:** Frederick County Public Schools  
ATTN: Accounts Payable 191 South East Street  
Frederick, MD 21701-

**Project:** Middletown High School  
Lead Sampling

**Site:** Middletown High School  
200 Schoolhouse Dr.

**Work order: FWC0310**

Received at lab: 03/21/22 13:33  
Date Reported: 03/23/22 15:52  
Collected by: Marc Angleberger; ID: 0659MA  
Treatment: Municipal Water

**Source: k31-01-3033 KS**

(Ground Water)(Grab - Flushed)

Collected: 3/21/2022 7:31:00AM

Data Analyzed by: *Fredericktowne Labs:*

Lab ID	Parameter	Result	Units	MRL	Prepared	Analyzed	Analyst	Qual	Method
FWC0310-01	Lead	<0.005	mg/L	0.005	03/23/22 11:41	03/23/22 11:53	KMW		SM3113-B

**Source: k31-02-3033 KS**

(Ground Water)(Grab - Flushed)

Collected: 3/21/2022 7:33:00AM

Data Analyzed by: *Fredericktowne Labs:*

Lab ID	Parameter	Result	Units	MRL	Prepared	Analyzed	Analyst	Qual	Method
FWC0310-02	Lead	<0.005	mg/L	0.005	03/23/22 11:41	03/23/22 12:10	KMW		SM3113-B

**Source: W01A-10-3033-BF**

(Ground Water)(Grab - Flushed)

Collected: 3/21/2022 7:46:00AM

Data Analyzed by: *Fredericktowne Labs:*

Lab ID	Parameter	Result	Units	MRL	Prepared	Analyzed	Analyst	Qual	Method
FWC0310-03	Lead	0.006	mg/L	0.005	03/23/22 11:41	03/23/22 12:19	KMW		SM3113-B

*Sara E. Randall*  
Sara E. Randall, President

**Client:** Frederick County Public Schools  
ATTN: Accounts Payable 191 South East Stree  
Frederick, MD 21701-

**Project:** Middletown High School  
Lead Sampling

**Site:** Middletown High School  
200 Schoolhouse Dr.

**Work order: FWC0310**

Received at lab: 03/21/22 13:33  
Date Reported: 03/23/22 15:52  
Collected by: Marc Angleberger; ID: 0659MA  
Treatment: Municipal Water

**Source: W01A-10-3033-DF**  
(Ground Water)(Grab - Flushed)

Collected: 3/21/2022 7:47:00AM

*Data Analyzed by: Fredricktowne Labs:*

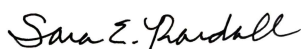
Lab ID	Parameter	Result	Units	MRL	Prepared	Analyzed	Analyst	Qual	Method
FWC0310-04	Lead	<0.005	mg/L	0.005	03/23/22 11:41	03/23/22 12:27	KMW		SM3113-B

**Source: W01B-02-3033-DF**  
(Ground Water)(Grab - Flushed)

Collected: 3/21/2022 8:13:00AM

*Data Analyzed by: Fredricktowne Labs:*

Lab ID	Parameter	Result	Units	MRL	Prepared	Analyzed	Analyst	Qual	Method
FWC0310-05	Lead	<0.005	mg/L	0.005	03/23/22 11:41	03/23/22 12:36	KMW		SM3113-B

  
Sara E. Randall, President

*Fredericktowne Labs, Inc. is a State Certified Water Quality Laboratory  
Maryland Cert. No. 116 Virginia Cert. No. 00444  
West Virginia Cert. 415 MDOT WBE Cert. No.: 91-158*

*Rush*  
*FWC0310*

# CHAIN OF CUSTODY

FREDERICKTOWNE LABS, INC.  
3020 VENTRIE CT., PO BOX 245, MYERSVILLE, MD 21773  
301-293-3340 OR FAX 301-293-2366

Page: 1 of 1

FTL Acct. No.: <b>344-</b>				Collected By: (Please Print) <i>MARC Anglerberger</i> <i>MA-0659</i>								Analyses To Be Performed								
Compliance Sample (regulated): Yes <input type="checkbox"/> No <input type="checkbox"/>				Affiliation: <b>Frederick County Public Schools</b>								<i>Send</i>								
Project: <i>Middletown High School 21769</i> <i>200 Schoolhouse Dr. Middletown MD</i>																				
Lab ID	Field Sample ID	Site Description	Collection Date		Collection Time		Matrix DW/ WW	pH	Res. Cl	DO	Temp	Grab/ Comp	Rec'd Temp (at lab)	Preservation						
			Start	End	Start	End														
	<i>Flush</i>	<i>K31-01-3033-KS</i>	<i>3-21-22</i>		<i>7<sup>31</sup> AM</i>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
	<i>Flush</i>	<i>K31-02-3033-KS</i>	<i>11</i>		<i>7<sup>33</sup> AM</i>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
	<i>Flush</i>	<i>W01A-10-3033-BF</i>	<i>11</i>		<i>7<sup>46</sup> AM</i>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
	<i>Flush</i>	<i>W01A-10-3033-DF</i>	<i>11</i>		<i>7<sup>47</sup> AM</i>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
	<i>Flush</i>	<i>W01B-02-3033-DF</i>	<i>11</i>		<i>8<sup>13</sup> AM</i>		<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>						
Relinquished By:			Date/Time		Received By:			Date/Time		Treatment Devices Present: Yes <input type="checkbox"/> No <input type="checkbox"/>										
(Print): <i>MARC R Anglerberger</i>			<i>3-21-22</i>		(Print): <i>Kathy Helmer</i>			<i>3-21-22</i>		Describe Treatment Device(s):										
(Signature): <i>Marc R. Angler</i>			<i>1:33pm</i>		(Signature): <i>Kathy Helmer</i>			<i>1:33</i>												
Relinquished By:			Date/Time		Received By:			Date/Time		Lead & Copper Samples - Water Last Used:										
(Print):					(Print):					Date: Time:										
(Signature):					(Signature):					Method of Shipment: Iced: Yes <input type="checkbox"/> No <input type="checkbox"/>										
Relinquished By:			Date/Time		Received By:			Date/Time		Condition of Sample(s) upon Receipt:										
(Print):					(Print):															
(Signature):					(Signature):															