

# Lead in Drinking Water – Public and Nonpublic Schools

## **IMPORTANT NOTICE: ELEVATED WATER SAMPLE RESULT(S)** **Elkton Middle School**

### **ELEVATED LEAD WATER SAMPLE RESULT(S)**

All Maryland public and nonpublic schools are required to sample all drinking water outlets for the presence of lead pursuant to the Code of Maryland Regulations. On February 28, 2019, **ninety (90)** lead water samples were collected from **Elkton Middle School**. Of these lead water samples, **ten (10)** had levels of lead exceeding the action level of 20 parts per billion (ppb) for lead in drinking water in school buildings. The elevated lead results from the sample(s) collected at Elkton Middle were as follows:

- 31.1** parts per billion (ppb) **Science room 113A (sink near door) (use: non-consumption)**
- 28.6** parts per billion (ppb) **Science room 104 (middle of room) (use: non-consumption)**
- 25.8** parts per billion (ppb) **Science room 104 (2nd from left) (use: non-consumption)**
- 24.1** parts per billion (ppb) **Science room 206 (2nd on left) (use: non-consumption)**
- 30.1** parts per billion (ppb) **Science room 309 (2nd on left) (use: non-consumption)**
- 20.8** parts per billion (ppb) **Science room 309 (back left) (use: non-consumption)**
- 28.4** parts per billion (ppb) **Science room 309 (back middle/left) (use: non-consumption)**
- 62.2** parts per billion (ppb) **Science room 309 (back middle) (use: non-consumption)**
- 36.6** parts per billion (ppb) **Science room 309 (back middle/right) (use: non-consumption)**
- 135** parts per billion (ppb) **Science room 309 (middle of room) (use: non-consumption)**

### **IMMEDIATE ACTIONS TAKEN**

Results were received on April 23, 2019. Each sink noted above has been shut off and/or a sign has been posted indicating that they are not to be used for consumption purposes.

### **NEXT STEPS**

The sinks that have been left in service will continue to be used only for non-consumption purposes (e.g., hand washing) until remedial actions have taken place and follow up sampling shows results with levels below the action level.

### **ACTION LEVEL (AL)**

The AL is 20 ppb for lead in drinking water in school buildings. The AL is the concentration of lead which, if exceeded, triggers required remediation.

### **HEALTH EFFECTS OF LEAD**

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Lead is stored in the bones and it can be released later in life. During pregnancy, the fetus receives lead from the mother's bones, which may affect brain development. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

## **SOURCES OF HUMAN EXPOSURE TO LEAD**

There are many different sources of human exposure to lead. These include: lead-based paint, lead-contaminated dust or soil, some plumbing materials, certain types of pottery, pewter, brass fixtures, food, and cosmetics, exposure in the work place and exposure from certain hobbies, brass faucets, fittings, and valves. According to the Environmental Protection Agency (EPA), 10 to 20 percent of a person's potential exposure to lead may come from drinking water, while for an infant consuming formula mixed with lead-containing water this may increase to 40 to 60 percent.

## **TO REDUCE EXPOSURE TO LEAD IN DRINKING WATER:**

1. Run your water to flush out lead: If water hasn't been used for several hours, run water for 15 to 30 seconds or until it becomes cold or reaches a steady temperature before using it for drinking or cooking.
2. Use cold water for cooking and preparing baby formula: Lead from the plumbing dissolves more easily into hot water.

*Please note that boiling the water will not reduce lead levels.*

## **ADDITIONAL INFORMATION**

1. For additional information, please contact **Perry Willis, Executive Director for Support Services**, at **410-996-5400**. For additional information on reducing lead exposure around your home/building and the health effects of lead, visit EPA's website at [www.epa.gov/lead](http://www.epa.gov/lead). If you are concerned about exposure; contact your local health department or healthcare provider to find out how you can get your child tested for lead.



**Cecil County Public Schools**  
201 Booth St.

**Monday, April 22, 2019**

Elkton, MD 21921

**Certificate of Analysis**  
**FINAL**

**Attention: Andrew Curran**

Report for Lab No: 40715.

Samples received by Martel from: Elkton Middle School.

Project Identification: Water Analysis HB 270, sampled by Cecil County personnel.

February 28, 2019.

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000001	24-BS-01 : Custodian office bathroom	02/28/2019 05:03
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 10:01 NL

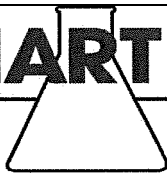
MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000002	24-DF-02: Fountain outside custodian office	02/28/2019 05:05
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 10:13 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000003	24-BS-03: Girls locker room (back)	02/28/2019 05:05
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 10:15 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000004	24-BS-04: Girls locker room (middle)	02/28/2019 05:05
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 10:18 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000005	24-BS-05: Girls locker room (front)	02/28/2019 05:05
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	2.15 ug/l EPA .200.8	2 04/16/2019 10:20 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000006	24-CR-06: Tech Ed. Room 110	02/28/2019 05:07
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial



MARTEL NO. 40715 000006 CLIENT SAMPLE IDENTIFICATION 24-CR-06: Tech Ed. Room 110 Sample Date/Time 02/28/2019 05:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 10:23 NL

MARTEL NO. 40715 000007 CLIENT SAMPLE IDENTIFICATION 24-BS-07: Boys locker room (right) Sample Date/Time 02/28/2019 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.37	ug/l	EPA .200.8	2	04/16/2019 10:25 NL

MARTEL NO. 40715 000008 CLIENT SAMPLE IDENTIFICATION 24-BS-08: Boys locker room (middle) Sample Date/Time 02/28/2019 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 10:28 NL

MARTEL NO. 40715 000009 CLIENT SAMPLE IDENTIFICATION 24-BS-09: Boys locker room (left) Sample Date/Time 02/28/2019 05:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 10:30 NL

MARTEL NO. 40715 000010 CLIENT SAMPLE IDENTIFICATION 24-HE-10: Room 113A(leftside, left) Sample Date/Time 02/28/2019 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 10:33 NL

MARTEL NO. 40715 000011 CLIENT SAMPLE IDENTIFICATION 24-HE-11: Room 113A (left side, middle) Sample Date/Time 02/28/2019 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 10:43 NL

MARTEL NO. 40715 000012 CLIENT SAMPLE IDENTIFICATION 24-HE-12: Room 113A (left side, right) Sample Date/Time 02/28/2019 05:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.09	ug/l	EPA .200.8	2	04/16/2019 10:48 NL

MARTEL NO. 40715 000013 CLIENT SAMPLE IDENTIFICATION 24-HE-13: Room 113A (right side, back) Sample Date/Time 02/28/2019 05:13

compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.11	ug/l	EPA .200.8	2	04/16/2019 10:51 NL



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000014	24-HE-14: Room 113A (right side, front)	02/28/2019 05:13		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	31.1 ug/l*	EPA .200.8	2	04/16/2019 10:53 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000015	24-DF-15: Fountain outside boys locker room	02/28/2019 05:13		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 10:56 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000016	24-CR-16: Art room 114 (left)	02/28/2019 05:15		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 10:58 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000017	24-CR-17: Art room 114 (middle)	02/28/2019 05:15		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 11:01 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000018	24-CR-18: Art room 114 (right)	02/28/2019 05:15		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 11:03 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000019	24-CR-19: Music room 115	02/28/2019 05:17		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 11:06 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000020	24-OT-20: Music work room 170	02/28/2019 05:17		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 11:08 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000021	24-CR-21: Band room 116	02/28/2019 05:19		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 11:16 NL

MARTEL NO.	000022	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-BS-22: Main office bathroom (right)	02/28/2019 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 11:24 NL

MARTEL NO.	000023	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-BS-23: Main office bathroom (left)	02/28/2019 05:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 11:26 NL

MARTEL NO.	000024	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-DF-24: Fountain outside main office	02/28/2019 05:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 11:29 NL

MARTEL NO.	000025	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-NO-25: Nurses office	02/28/2019 05:22

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 11:31 NL

MARTEL NO.	000026	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-BS-26: 1st floor boys bathroom (right)	02/28/2019 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.02	ug/l	EPA .200.8	2	04/16/2019 11:34 NL

MARTEL NO.	000027	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-BS-27: 1st floor boysbathroom (middle)	02/28/2019 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.38	ug/l	EPA .200.8	2	04/16/2019 11:36 NL

MARTEL NO.	000028	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-BS-28: 1st floor boys bathroom (left)	02/28/2019 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 11:39 NL

MARTEL NO.	000029	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715		24-BS-29:1st floor girls bathroom (left)	02/28/2019 05:25

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	04/16/2019 11:41 NL



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000030	24-BS-30: 1st floor girls bathroom (middle)	02/28/2019 05:25
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 11:43 NL
40715 000031	24-BS-31: 1st floor girls bathroom (right)	02/28/2019 05:25
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	3.12 ug/l EPA .200.8	2 04/16/2019 11:53 NL
40715 000032	24-KS-32: Kitchen (front left) Hand Sink	02/28/2019 05:29
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 11:58 NL
40715 000033	24-KS-33: Kitchen (back left) Prep Sink	02/28/2019 05:29
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 12:01 NL
40715 000034	24-KS-34: Kitchen (middle) Prep Sink	02/28/2019 05:29
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	4.34 ug/l EPA .200.8	2 04/16/2019 12:03 NL
40715 000035	24-KS-35: Kitchen (right) Hand Sink	02/28/2019 05:29
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 12:06 NL
40715 000036	24-BS-36: Kitchen bathroom	02/28/2019 05:29
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 12:08 NL
40715 000037	24-KS-37: Kitchen wash area (left) Hand Sink	02/28/2019 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	non operational EPA .200.8	2 //



# Certificate of Analysis

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000038	24-KS-38: Kitchen wash area (middle)	02/28/2019 05:30		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.91 ug/l	EPA .200.8	2	04/16/2019 12:11 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000039	24-KS-39: Kitchen wash area (right)	02/28/2019 05:30		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:13 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000040	24-TL-40: Faculty dining room 137	02/28/2019 05:35		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:16 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000041	24-BS-41: Bathroom next to faculty dining	02/28/2019 05:35		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:23 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000042	24-CR-42: Room 103	02/28/2019 05:36		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:31 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000043	24-OT-43: Room 136	02/28/2019 05:37		
Compound	Test Value Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:33 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000044	24-OT-44: Media center office 133	02/28/2019 05:37		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:36 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time		
40715 000045	24-DF-45: Fountain outside of media center	02/28/2019 05:37		
Compound	Test Value TestUnit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2 ug/l	EPA .200.8	2	04/16/2019 12:38 NL





MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000046	24-CR-46: Science room 104 (middle)	02/28/2019 05:40
Compound	Test Value TestUnit	Method
Lead	28.6 ug/l*	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 12:41 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000047	24-CR-47: Science room 104 (L to R, 1 )	02/28/2019 05:40
Compound	Test Value Test Unit	Method
Lead	4.16 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 12:43 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000048	24-CR-48: Science room 104 (L to R, 2)	02/28/2019 05:40
Compound	Test Value Test Unit	Method
Lead	25.8 ug/l*	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 12:46 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000049	24-CR-49: Science room 104 (L to R, 3)	02/28/2019 05:40
Compound	Test Value Test Unit	Method
Lead	12.9 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 12:48 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000050	24-CR-50: Science room 104 (L to R, 4)	02/28/2019 05:00
Compound	Test Value Test Unit	Method
Lead	non operational	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 //

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000051	24-CR-51 : Science room 104 (L to R, 5)	02/28/2019 05:42
Compound	Test Value Test Unit	Method
Lead	11.9 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 12:58 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000052	24-CR-52: Science room 104 (L to R, 6)	02/28/2019 05:42
Compound	Test Value TestUnit	Method
Lead	3.23 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:03 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000053	24-CR-53: Science room 104 (L to R, 7)	02/28/2019 05:42
Compound	Test Value TestUnit	Method
Lead	6.12 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:06 NL



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000054	24-CR-54: Science room 104 (L to R, 8)	02/28/2019 05:42
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:08 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000055	24-CR-55: Room 107	02/28/2019 05:44
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:11 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000056	24-BS-56: Nurse's Office bathroom	02/28/2019 06:14
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 15:25 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000201	24-CR-201: Science room 205 (middle)	02/28/2019 05:48
Compound	Test Value Test Unit	Method
Lead	6.92 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:14 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000202	24-CR-202: Science room 205 (front right)	02/28/2019 05:48
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:16 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000203	24-CR-203: Science room 205 (R to L, 1)	02/28/2019 05:48
Compound	Test Value Test Unit	Method
Lead	5.91 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:19 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000204	24-CR-204: Science room 205 (R to L, 2)	02/28/2019 05:48
Compound	Test Value Test Unit	Method
Lead	4.25 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:21 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000205	24-CR-205: Science room 205 (R to L, 3)	02/28/2019 05:48
Compound	Test Value Test Unit	Method
Lead	13.2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	2 04/16/2019 13:24 NL



MARTEL NO. 40715	000206	CLIENT SAMPLE IDENTIFICATION 24-CR-206: Science room 205 (R to L, 4)	Sample Date/Time 02/28/2019 05:48
Compound		Test Value Test Unit	Method
Lead		2.65 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:31 NL

MARTEL NO. 40715	000207	CLIENT SAMPLE IDENTIFICATION 24-CR-207: Science room 205 (R to L, 5)	Sample Date/Time 02/28/2019 05:48
Compound		Test Value Test Unit	Method
Lead		12.4 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:39 NL

MARTEL NO. 40715	000208	CLIENT SAMPLE IDENTIFICATION 24-CR-208: Science room 205 (R to L, 6)	Sample Date/Time 02/28/2019 05:48
Compound		Test Value Test Unit	Method
Lead		10.6 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:41 NL

MARTEL NO. 40715	000209	CLIENT SAMPLE IDENTIFICATION 24-CR-209: Science room 205 (R to L, 7)	Sample Date/Time 02/28/2019 05:48
Compound		Test Value Test Unit	Method
Lead		18.8 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:44 NL

MARTEL NO. 40715	000210	CLIENT SAMPLE IDENTIFICATION 24-CR-210: Science room 206 (left side, left)	Sample Date/Time 02/28/2019 05:51
Compound		Test Value Test Unit	Method
Lead		<2 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:46 NL

MARTEL NO. 40715	000211	CLIENT SAMPLE IDENTIFICATION 24-CR-211: Science room 206 (left side, right)	Sample Date/Time 02/28/2019 05:51
Compound		Test Value Test Unit	Method
Lead		24.1 ug/l*	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:49 NL

MARTEL NO. 40715	000212	CLIENT SAMPLE IDENTIFICATION 24-CR-212: Science room 206 (L to R, 1)	Sample Date/Time 02/28/2019 05:51
Compound		Test Value Test Unit	Method
Lead		12.7 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:51 NL

MARTEL NO. 40715	000213	CLIENT SAMPLE IDENTIFICATION 24-CR-213: Science room 206 (L to R, 2)	Sample Date/Time 02/28/2019 05:51
Compound		Test Value Test Unit	Method
Lead		3.70 ug/l	EPA .200.8
			Detection Limit Analysis Date/Time/Initial
			2 04/16/2019 13:54 NL



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000214	24-CR-214: Science room 206 (L to R, 3)	02/28/2019 05:51
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	5.33 ug/l EPA .200.8	2 04/16/2019 13:56 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000215	24-CR-215: Science room 206 (L to R, 4)	02/28/2019 05:51
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	10.5 ug/l EPA .200.8	2 04/16/2019 13:59 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000216	24-CR-216: Science room 206 (L to R, 5)	02/28/2019 05:51
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	9.09 ug/l EPA .200.8	2 04/16/2019 14:09 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000217	24-CR-217: Science room 206 (middle)	02/28/2019 05:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	non operational EPA .200.8	2 //

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000218	24-BS-218: 2nd floor girls bathroom (left)	02/28/2019 05:55
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:14 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000219	24-BS-219: 2nd floor girls bathroom (right)	02/28/2019 05:55
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:17 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000220	24-BS-220: 2nd floor staff bathroom	02/28/2019 05:55
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:19 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000221	24-BS-221: 2nd floor boys bathroom (left)	02/28/2019 05:56
Compound	Test Value TestUnit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:22 NL



MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000222	24-BS-222: 2nd floor boys bathroom (right)	02/28/2019 05:56
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:24 NL
40715 000223	24-DF-223: 2nd floor drinking fountain	02/28/2019 05:56
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:27 NL
40715 000301	24-CR-301: Science room 309 (left side, left)	02/28/2019 06:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	<2 ug/l EPA .200.8	2 04/16/2019 14:29 NL
40715 000302	24-CR-302: Science room 309 (left side, right)	02/28/2019 06:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	30.1 ug/l* EPA .200.8	2 04/16/2019 14:32 NL
40715 000303	24-CR-303: Science room 309 (L to R, 1)	02/28/2019 06:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	20.8 ug/l* EPA .200.8	2 04/16/2019 14:39 NL
40715 000304	24-CR-304: Science room 309 (L to R, 2)	02/28/2019 06:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	28.4 ug/l* EPA .200.8	2 04/16/2019 14:47 NL
40715 000305	24-CR-305: Science room 309 (L to R, 3)	02/28/2019 06:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	62.2 ug/l* EPA .200.8	2 04/16/2019 14:49 NL
40715 000306	24-CR-306: Science room 309 (L to R, 4)	02/28/2019 06:00
Compound	Test Value Test Unit Method	Detection Limit Analysis Date/Time/Initial
Lead	36.6 ug/l* EPA .200.8	2 04/16/2019 14:52 NL

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000307	24-CR-307: Science room 309 (L to R, 5)	02/28/2019 06:00
Compound	Test Value Test Unit	Method
Lead	8.27 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 14:54 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000308	24-CR-308: Science room 309 (middle)	02/28/2019 06:00
Compound	Test Value Test Unit	Method
Lead	135 ug/l*	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 14:57 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000309	24-BS-309: 3rd floor girls bathroom (right)	02/28/2019 06:03
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 14:59 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000310	24-BS-310: 3rd floor girls bathroom (left)	02/28/2019 06:03
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 15:02 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000311	24-BS-311: 3rd floor staff bathroom	02/28/2019 06:03
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 15:05 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000312	24-BS-312: 3rd floor boys bathroom (left)	02/28/2019 06:03
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 15:07 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000313	24-BS-313: 3rd floor boys bathroom (right)	02/28/2019 06:03
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 15:17 NL	

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION	Sample Date/Time
40715 000314	24-DF-314: 3rd floor drinking fountain	02/28/2019 06:04
Compound	Test Value Test Unit	Method
Lead	<2 ug/l	EPA .200.8
Detection Limit	Analysis Date/Time/Initial	
2	04/16/2019 15:22 NL	

# MARTEL



## Certificate of Analysis

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#### Notes and references:

40CFR136=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 136, Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act.

\* Results exceed 20.5 ug/l.

All samples tested were in acceptable condition, unless otherwise noted.  
The results presented herein relate only to the samples or items tested.

  
Project Manager