



**Charles County Public Schools**

P.O. Box 2770  
5980 Radio Station Road  
La Plate, MD 20646

**Attention:**

Friday, December 31, 2021

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

**Project Information:**

Report for Lab No: 60416.  
Samples flushed by Martel on November 5, 2021, sampled by Martel on November 6, 2021  
Project Identification: MD HB 270  
School: 06 Indian Head Elementary School.

**References and Important Notes:**

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.

\* Indicates result(s) greater than 5.5 ug/l - regulatory limit for these samples.

**Notices:**

Chain of Custody Form(s) are attached and are an integral part of this report.  
This report will be retained for at least five years and will be disposed of without notice.  
Measurement uncertainty for each listed test is available upon request.  
The results presented herein relate only to the samples or items tested.  
All samples tested were in acceptable condition, unless otherwise noted.



# Certificate of Analysis

MARTEL NO. 60416 1 CLIENT SAMPLE IDENTIFICATION IHES-1-DC [water fountain--passage way] Sample Date/Time 11/06/2021 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 16:40 BJ

MARTEL NO. 60416 2 CLIENT SAMPLE IDENTIFICATION IHES-2-FC [sink--Kitchen] Sample Date/Time 11/06/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.19	ug/l	EPA .200.8	2	12/23/2021 16:43 BJ

MARTEL NO. 60416 3 CLIENT SAMPLE IDENTIFICATION IHES-3-IM [Ice Machine --Kitchen] Sample Date/Time 11/06/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 16:45 BJ

MARTEL NO. 60416 4 CLIENT SAMPLE IDENTIFICATION IHES-4-FC [2 comp sink on left--kitchen 2 comp sink] Sample Date/Time 11/06/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 16:48 BJ

MARTEL NO. 60416 5 CLIENT SAMPLE IDENTIFICATION IHES-5-FC [2 comp sink on right--kitchen 2 comp sink] Sample Date/Time 11/06/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 16:50 BJ

MARTEL NO. 60416 6 CLIENT SAMPLE IDENTIFICATION IHES-6-FC [Island sink--kitchen island sink] Sample Date/Time 11/06/2021 06:14

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	5.42	ug/l	EPA .200.8	2	12/23/2021 16:53 BJ

MARTEL NO. 60416 7 CLIENT SAMPLE IDENTIFICATION IHES-7-DC [water fountain --gym] Sample Date/Time 11/06/2021 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 17:03 BJ

MARTEL NO. 60416 8 CLIENT SAMPLE IDENTIFICATION IHES-8-DC [water fountain--corridor] Sample Date/Time 11/06/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 17:08 BJ



# Certificate of Analysis

MARTEL NO. 60416 9 CLIENT SAMPLE IDENTIFICATION IHES-9-FC [sink--planning room (Sp-Ed) Pull Out] Sample Date/Time 11/06/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	17.4	ug/l*	EPA .200.8	2	12/23/2021 17:10 BJ

MARTEL NO. 60416 12 CLIENT SAMPLE IDENTIFICATION IHES-12-FC [sink--planning room (Sp-Ed) Pull Out] Sample Date/Time 11/06/2021 06:20

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	41.6	ug/l*	EPA .200.8	2	12/23/2021 17:13 BJ

MARTEL NO. 60416 13 CLIENT SAMPLE IDENTIFICATION IHES-13-FC [sink--corridor] Sample Date/Time 11/06/2021 06:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	4.10	ug/l	EPA .200.8	2	12/23/2021 17:15 BJ

MARTEL NO. 60416 14 CLIENT SAMPLE IDENTIFICATION IHES-14-DB [bubbler--corridor] Sample Date/Time 11/06/2021 06:21

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 17:18 BJ

MARTEL NO. 60416 15 CLIENT SAMPLE IDENTIFICATION IHES-15-FC [sink--corridor] Sample Date/Time 11/06/2021 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.44	ug/l	EPA .200.8	2	12/23/2021 17:20 BJ

MARTEL NO. 60416 16 CLIENT SAMPLE IDENTIFICATION IHES-16-DB [bubbler--corridor] Sample Date/Time 11/06/2021 06:24

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.70	ug/l	EPA .200.8	2	12/23/2021 17:23 BJ

MARTEL NO. 60416 17 CLIENT SAMPLE IDENTIFICATION IHES-17-FC [sink--nurse office] Sample Date/Time 11/06/2021 06:03

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.97	ug/l	EPA .200.8	2	12/23/2021 17:25 BJ

MARTEL NO. 60416 18 CLIENT SAMPLE IDENTIFICATION IHES-18-DC [water fountain--main office] Sample Date/Time 11/06/2021 06:04

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 17:28 BJ



**Certificate of Analysis**

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 19	IHES-19-FC [sink--office (coffee pot on counter)]			11/06/2021 06:04
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	8.00	ug/l*	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:35 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 20	IHES-20-FC [sink--passage way]			11/06/2021 06:05
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	4.92	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:43 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 21	IHES-21-DB [bubbler--passage way]			11/06/2021 06:05
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	2.86	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:45 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 22	IHES-22-DC [water fountain--activity area]			11/06/2021 06:06
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	4.32	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:48 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 23	IHES-23-FC [sink --K]			11/06/2021 06:08
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	36.0	ug/l*	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:50 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 24	IHES-24-FC [sink --K]			11/06/2021 06:07
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:53 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 28	IHES-28-FC [sink--107 pre-K]			11/06/2021 06:09
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:55 BJ

MARTEL NO.	CLIENT SAMPLE IDENTIFICATION			Sample Date/Time
60416 29	IHES-29-FC [sink--107 pre-K]			11/06/2021 06:09
Compound	Test Value	Test Unit	Method	Detection Limit
Lead	<2	ug/l	EPA .200.8	2
				Analysis Date/Time/Initial
				12/23/2021 17:58 BJ



**Certificate of Analysis**

MARTEL NO. 60416 30 CLIENT SAMPLE IDENTIFICATION IHES-30-DB [bubbler--107 pre-K] Sample Date/Time 11/06/2021 06:09

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:00 BJ

MARTEL NO. 60416 31 CLIENT SAMPLE IDENTIFICATION IHES-31-FC [sink--103 pre-K] Sample Date/Time 11/06/2021 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:03 BJ

MARTEL NO. 60416 32 CLIENT SAMPLE IDENTIFICATION IHES-32-FC [sink--103 pre-K] Sample Date/Time 11/06/2021 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:13 BJ

MARTEL NO. 60416 33 CLIENT SAMPLE IDENTIFICATION IHES-33-DB [bubbler--103 pre-K] Sample Date/Time 11/06/2021 06:10

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:18 BJ

MARTEL NO. 60416 34 CLIENT SAMPLE IDENTIFICATION IHES-34-FC [sink--corridor] Sample Date/Time 11/06/2021 06:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	3.26	ug/l	EPA .200.8	2	12/23/2021 18:20 BJ

MARTEL NO. 60416 35 CLIENT SAMPLE IDENTIFICATION IHES-35-DB [bubbler--corridor] Sample Date/Time 11/06/2021 06:12

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.03	ug/l	EPA .200.8	2	12/23/2021 18:23 BJ

MARTEL NO. 60416 36 CLIENT SAMPLE IDENTIFICATION IHES-36-FC [sink--Faculty Teacher lounge] Sample Date/Time 11/06/2021 06:13

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:25 BJ

MARTEL NO. 60416 37 CLIENT SAMPLE IDENTIFICATION IHES-37-FC [sink--Kindergarten Room ] Sample Date/Time 11/06/2021 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:28 BJ



**Certificate of Analysis**

MARTEL NO. 60416 38 CLIENT SAMPLE IDENTIFICATION IHES-38-DB [bubbler--Kindergarten Room ] Sample Date/Time 11/06/2021 06:07

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:30 BJ

MARTEL NO. 60416 39 CLIENT SAMPLE IDENTIFICATION IHES-39-FC [sink--Trailer 4B Pre-K - See map] Sample Date/Time 11/06/2021 06:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.20	ug/l	EPA .200.8	2	12/23/2021 18:33 BJ

MARTEL NO. 60416 40 CLIENT SAMPLE IDENTIFICATION IHES-40-DB [bubbler --Trailer 4B Pre-K - See map] Sample Date/Time 11/06/2021 06:23

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	2.63	ug/l	EPA .200.8	2	12/23/2021 18:35 BJ

MARTEL NO. 60416 41 CLIENT SAMPLE IDENTIFICATION IHES-41-BU [Bottler Filler--Gym] Sample Date/Time 11/06/2021 06:17

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 18:38 BJ

MARTEL NO. 60416 42 CLIENT SAMPLE IDENTIFICATION IHES-42-BU [Bottler Filler--Café] Sample Date/Time 11/06/2021 06:18

Compound	Test Value	Test Unit	Method	Detection Limit	Analysis Date/Time/Initial
Lead	<2	ug/l	EPA .200.8	2	12/23/2021 15:03 BJ

## MARTEL Chain of Custody Record

Martel Laboratories JDS Inc., 1025 Cromwell Bridge Rd., Baltimore, MD 21286, (410) 825-7790, FAX (410) 821-1054, email: martel@martellabs.com

### Charles County Public Schools Drinking Water Lead Testing

Bottle Type: 250 ml plastic, preserved with HNO<sub>3</sub> Analysis: Lead (EPA 200.8)

Sample Start Date/Time: 11/6/12 603 End Date/Time: 11/6/12 624

Sampler/Relinquished By: [Signature] Received at Martel by [Signature] Date/Time: 11/6/12 10W

06 Indian Head Elementary School PSC #08.008  
4200 Indian Head Highway Indian Head, MD 20640

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

11/5/12 Flush Martel NO: **60416**

Martel #	Sample #	Location ID #	Fixture Type <small>(Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.)</small>	Outlet Key Codes	Room/Location	Consumption C or NC?	Flush Date	Sample Time
1	1	IHES-1-DC	water fountain	DC	passage way	C	✓	614
2	2	IHES-2-FC	sink	FC	Kitchen	C	✓	613
3	3	IHES-3-IM	Ice Machine	IM	Kitchen	C	✓	↓
4	4	IHES-4-FC	2 comp sink on left	FC	kitchen 2 comp sink	C	✓	↓
5	5	IHES-5-FC	2 comp sink on right	FC	kitchen 2 comp sink	C	✓	↓
6	6	IHES-6-FC	Island sink	FC	kitchen island sink	C	✓	614
7	7	IHES-7-DC	water fountain	DC	gym	C	✓	617
8	8	IHES-8-DC	water fountain	DC	corridor	C	✓	618
9	9	IHES-9-FC	sink	FC	planning room (Sp-Ed) Pull Out	C	✓	620
10	12	IHES-12-FC	sink	FC	planning room (Sp-Ed) Pull Out	C	✓	↓
11	13	IHES-13-FC	sink	FC	corridor	C	✓	OFF 621
12	14	IHES-14-DB	bubbler	DB	corridor	C	✓	REMOVED
13	15	IHES-15-FC	sink	FC	corridor	C	✓	624
14	16	IHES-16-DB	bubbler	DB	corridor	C	✓	604 624
15	17	IHES-17-FC	sink	FC	nurse office	C	✓	603
16	18	IHES-18-DC	water fountain	DC	main office	C	✓	604
17	19	IHES-19-FC	sink	FC	office (coffee pot on counter)	C	✓	↓
18	20	IHES-20-FC	sink	FC	passage way	C	✓	605
19	21	IHES-21-DB	bubbler	DB	passage way	C	✓	605
20	22	IHES-22-DC	water fountain	DC	activity area	C	✓	606
21	23	IHES-23-FC	sink	FC	K	C	✓	608
22	24	IHES-24-FC	sink	FC	K	C	✓	607
23	28	IHES-28-FC	sink	FC	107 pre-K	C	✓	609
24	29	IHES-29-FC	sink	FC	107 pre-K	C	✓	↓
25	30	IHES-30-DB	bubbler	DB	107 pre-K	C	✓	↓

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**06 Indian Head Elementary School PSC #08.008**  
**4200 Indian Head Highway Indian Head, MD 20640**

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE SAMPLING BETWEEN THE HOURS OF 6 PM and 11 PM. WHEN SAMPLE TIMES ARE IDENTICAL, SAMPLING WAS PERFORMED IN LAB NUMBER ORDER**

Martel NO:

**Flush 60416**

26	31	IHES-31-FC	sink	FC	103 pre-K	C	✓	610	
27	32	IHES-32-FC	sink	FC	103 pre-K	C	✓	↓	
28	33	IHES-33-DB	bubbler	DB	103 pre-K	C	✓	↓	
29	34	IHES-34-FC	sink	FC	corridor	C	✓	612	
30	35	IHES-35-DB	bubbler	DB	corridor	C	✓	↓	
31	36	IHES-36-FC	sink	FC	Faculty Teacher lounge	C	✓	613	
32	37	IHES-37-FC	sink	FC	Kindergarten Room	C	✓	607	
33	38	IHES-38-DB	bubbler	DB	Kindergarten Room	C	✓	↓	
34	39	IHES-39-FC	sink	FC	Trailer 4B Pre-K - See map	C	✓	627	
35	40	IHES-40-DB	bubbler	DB	Trailer 4B Pre-K - See map	C	✓	↓	
36	41	IHES-41-BU	Bottler Filler	BU	Gym	C	✓	617	
37	42	IHES-42-BU	Bottler Filler	BU	Café	C	✓	618	

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