



AACPS - Operations Division
9034 Ft. Smallwood Road

Tuesday, July 17, 2018

Pasadena, MD 21122

Attention: Chris Williams

Report for Lab No: 40018.

Oakwood ES (1182)

Sampling by regulation to Maryland House Bill 270 - Lead in Drinking Water

P.O. Number: PO 9212

Sampling by Martel personnel on April 12, 2018, Lauren Couch

Certificate of Analysis
AMENDED

| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | Sample Date/Time | | | |
|------------|------------------------------|-------------------------------------|------------------|-----------------|----------------------------|--|
| 40018 | 000001 | Pricipals Office Hand Sink [OT--NC] | 04/12/2018 05:00 | | | |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial | |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:07 BJ | |
| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | Sample Date/Time | | | |
| 40018 | 000002 | Health Room Hand Sink [NO--NC] | 04/12/2018 05:00 | | | |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial | |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:19 BJ | |
| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | Sample Date/Time | | | |
| 40018 | 000003 | 101 Gooseneck [CR--NC] | 04/12/2018 05:00 | | | |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial | |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:22 BJ | |
| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | Sample Date/Time | | | |
| 40018 | 000004 | 101 Bubbler [DF--C] | 04/12/2018 05:00 | | | |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial | |
| Lead | 2.13 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:24 BJ | |
| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | Sample Date/Time | | | |
| 40018 | 000005 | 103 Gooseneck [CR--NC] | 04/12/2018 05:00 | | | |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial | |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:27 BJ | |
| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | Sample Date/Time | | | |
| 40018 | 000006 | 103 Bubbler [DF--C] | 04/12/2018 05:00 | | | |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial | |



Certificate of Analysis

MARTEL NO. 40018 000006 103 Bubbler CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 2.37 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:29 BJ |

MARTEL NO. 40018 000007 105 Gooseneck CLIENT SAMPLE IDENTIFICATION [CR--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:32 BJ |

MARTEL NO. 40018 000008 105 Bubbler CLIENT SAMPLE IDENTIFICATION [DF--C] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 2.94 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:34 BJ |

MARTEL NO. 40018 000009 Girls Bathroom Hand Sink (LEFT) CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 5.82 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:37 BJ |

MARTEL NO. 40018 000010 Girls Bathroom Hand Sink (LEFT CENTER) CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:39 BJ |

MARTEL NO. 40018 000011 Girls Bathroom Hand Sink (CENTER) CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:49 BJ |

MARTEL NO. 40018 000012 Girls Bathroom Hand Sink (RIGHT CENTER) CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 39.1 | ug/l* | EPA .200.8 | 2 | 07/12/2018 11:54 BJ |

MARTEL NO. 40018 000013 Girls Bathroom Hand Sink (RIGHT) CLIENT SAMPLE IDENTIFICATION [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:57 BJ |



MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000014 107 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 8.72 | ug/l | EPA .200.8 | 2 | 07/12/2018 11:59 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000015 107 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 14.7 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:02 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000016 109 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:04 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000017 109 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:07 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000018 111 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:09 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000019 111 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 5.07 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:12 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000020 113 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 4.24 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:14 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
000021 113 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 3.52 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:22 BJ |



MARTEL NO. 40018 000022 115 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:29 BJ |

MARTEL NO. 40018 000023 115 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 9.57 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:32 BJ |

MARTEL NO. 40018 000024 115 Restroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:34 BJ |

MARTEL NO. 40018 000025 116 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:37 BJ |

MARTEL NO. 40018 000026 116 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 2.17 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:39 BJ |

MARTEL NO. 40018 000027 116 Hand Sink [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:42 BJ |

MARTEL NO. 40018 000028 114 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:44 BJ |

MARTEL NO. 40018 000029 114 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 6.83 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:47 BJ |



MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000030 112 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:49 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000031 112 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 12:59 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000032 110 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:04 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000033 110 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:07 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000034 Boys Bathroom Left Side Hand Sink (LEFT) [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:09 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000035 Boys Bathroom Left Side Hand Sink (CENTER) [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | n/a | | EPA .200.8 | 2 | / / |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000036 Boys Bathroom Left Side Hand Sink (RIGHT) [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:12 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000037 Boys Bathroom Right Side Hand Sink (LEFT) [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 10.4 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:14 BJ |



| MARTEL NO. | CLIENT SAMPLE IDENTIFICATION | | | | Sample Date/Time |
|------------|------------------------------|---|------------|-----------------|----------------------------|
| 40018 | 000038 | Boys Bathroom Right Side Hand Sink (RIGHT) [BS--NC] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:17 BJ |
| 40018 | 000039 | 108 Gooseneck [CR--NC] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:19 BJ |
| 40018 | 000040 | 108 Bubbler [DF--C] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | 7.20 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:22 BJ |
| 40018 | 000041 | 104 Gooseneck [CR--NC] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:29 BJ |
| 40018 | 000042 | 104 Bubbler [DF--C] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:36 BJ |
| 40018 | 000043 | 102 Gooseneck [CR--NC] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | 14.2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:39 BJ |
| 40018 | 000044 | 102 Bubbler [DF--C] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | 7.34 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:41 BJ |
| 40018 | 000045 | 14 C Closet Slop Sink [OT--NC] | | | 04/12/2018 05:00 |
| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:44 BJ |



MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000046 Teacher Lounge Restroom Hand Sink [TL--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:46 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000047 Kitchen Sink Hand Sink [KS--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 28.4 | ug/l* | EPA .200.8 | 2 | 07/12/2018 13:49 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000048 Kitchen Double Sink Wash Sink (LEFT) [KS--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:51 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000049 Kitchen Double Sink Wash Sink (RIGHT) [KS--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:54 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000050 Kitchen Restroom Hand Sink [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 13:56 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000051 Kitchen 218 Hand Sink [KS--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 4.16 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:06 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000052 Hallway Water Fountain (near room 115) Water Fountain 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:11 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000053 Hallway across from Boiler Room Water Fountain [DF-] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:14 BJ |



MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000054 202 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:16 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000055 202 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 13.3 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:19 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000056 202 Bathroom Hand Sink [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:21 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000057 206 Gooseneck [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 4.57 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:24 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000058 206 Bubbler [DF--C] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 2.85 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:26 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000059 206 Bathroom Hand Sink [BS--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:29 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000060 Art Room 212 Hand Sink (RIGHT) [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:31 BJ |

MARTEL NO. 40018 CLIENT SAMPLE IDENTIFICATION Sample Date/Time
 000061 212 Hand Sink (LEFT) [CR--NC] 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:39 BJ |



MARTEL NO. 40018 000062 CLIENT SAMPLE IDENTIFICATION 212 Bathroom Hand Sink [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:47 BJ |

MARTEL NO. 40018 000063 CLIENT SAMPLE IDENTIFICATION Hallway (Next to 212) Water Fountain [DF--C] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:49 BJ |

MARTEL NO. 40018 000064 CLIENT SAMPLE IDENTIFICATION 402 Slop Sink [OT--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:52 BJ |

MARTEL NO. 40018 000065 CLIENT SAMPLE IDENTIFICATION Hallway (Next to 402) Water Fountain (LEFT) [DF--C] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:54 BJ |

MARTEL NO. 40018 000066 CLIENT SAMPLE IDENTIFICATION Hallway (Next to 402) Water Fountain (RIGHT) [DF--C] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:57 BJ |

MARTEL NO. 40018 000067 CLIENT SAMPLE IDENTIFICATION Left Bathroom (Next to 402) Hand Sink [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 14:59 BJ |

MARTEL NO. 40018 000068 CLIENT SAMPLE IDENTIFICATION Center Bathroom (Next to 402) Hand Sink [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:02 BJ |

MARTEL NO. 40018 000069 CLIENT SAMPLE IDENTIFICATION Right Bathroom (Next to 402) Hand Sink [BS--NC] Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:04 BJ |



MARTEL NO. 40018 000070 302 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:07 BJ |

MARTEL NO. 40018 000071 302 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:16 BJ |

MARTEL NO. 40018 000072 302 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:22 BJ |

MARTEL NO. 40018 000073 304 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:24 BJ |

MARTEL NO. 40018 000074 306 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:27 BJ |

MARTEL NO. 40018 000075 306 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:29 BJ |

MARTEL NO. 40018 000076 306 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:32 BJ |

MARTEL NO. 40018 000077 305 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 7.68 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:34 BJ |



MARTEL NO. 40018 000078 305 Bubblers [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:37 BJ |

MARTEL NO. 40018 000079 305 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:39 BJ |

MARTEL NO. 40018 000080 301 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:42 BJ |

MARTEL NO. 40018 000081 301 Bubblers [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:49 BJ |

MARTEL NO. 40018 000082 301 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:57 BJ |

MARTEL NO. 40018 000083 Custodial Closet (near rm 306) Slop Sink [OT--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 6.26 | ug/l | EPA .200.8 | 2 | 07/12/2018 15:59 BJ |

MARTEL NO. 40018 000084 209 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:02 BJ |

MARTEL NO. 40018 000085 207 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:04 BJ |



MARTEL NO. 40018 000089 203 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:07 BJ |

MARTEL NO. 40018 000090 203 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 6.37 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:09 BJ |

MARTEL NO. 40018 000091 203 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 3.90 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:12 BJ |

MARTEL NO. 40018 000092 201 Gooseneck [CR--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:14 BJ |

MARTEL NO. 40018 000093 201 Bubbler [DF--C] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | 65.1 | ug/l* | EPA .200.8 | 2 | 07/12/2018 16:17 BJ |

MARTEL NO. 40018 000094 201 Bathroom Hand Sink [BS--NC] CLIENT SAMPLE IDENTIFICATION Sample Date/Time 04/12/2018 05:00

| Compound | Test Value | Test Unit | Method | Detection Limit | Analysis Date/Time/Initial |
|----------|------------|-----------|------------|-----------------|----------------------------|
| Lead | <2 | ug/l | EPA .200.8 | 2 | 07/12/2018 16:27 BJ |



Martel Laboratories JDS Inc.

1025 Cromwell Bridge Road - Baltimore, Maryland 21286
PH 410-825-7790 FAX 410-821-1054 EMAIL: martel@martellabs.com

AACOP1

Page 13 OF 13

07/17/2018

stddl.frx

Notes and references:

SM="Standard Methods for the Examination of Water and Wastewater", American Public Health Association, American Water Works Association, and Water Environment Federation. Year in method code is approved date. 40CFR141=U.S. "Code of Federal Regulations", Title 40, Protection of the Environment, Part 141, National Primary Drinking Water Regulations.

* results exceeded 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

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

Anne Arundel County Public Schools Drinking Water Lead Testing

Sample Date/Start Time: 8 4:56 AM

End time: 6:45 AM

Bottle Type/Preservative: 250 ml plastic/HNO3

Analysis: Lead (EPA 200.8)

Samples preserved properly Yes or No

NOTES:

Sampled/Relinquished by: Lauren Couch

Received at Martel by: [Signature]

Date/Time: 09/00 4/12/18

Oakwood ES (1182) Martel No. 40018

330 Oak Manor Drive, Glen Burnie, MD 21061

**ALL OUTLET WERE FLUSHED THE NIGHT BEFORE
SAMPLING BETWEEN THE HOURS OF 8PM AND 9PM**

| Sample # | Room # | Fixture Type (Sink, Bubbler, Water Fountain, Gooseneck, Ice Machine, Hose Bibb, etc.) |
|----------|-------------------|--|
| 1 | Principals Office | Hand Sink |
| 2 | Health Room | Hand Sink |
| 3 | 101 | Gooseneck |
| 4 | 101 | Bubbler |
| 5 | 103 | Gooseneck |
| 6 | 103 | Bubbler |
| 7 | 105 | Gooseneck |
| 8 | 105 | Bubbler |
| 9 | Girls Bathroom | Hand Sink (LEFT) |
| 10 | Girls Bathroom | Hand Sink (LEFT CENTER) |
| 11 | Girls Bathroom | Hand Sink (CENTER) |
| 12 | Girls Bathroom | Hand Sink (RIGHT CENTER) |
| 13 | Girls Bathroom | Hand Sink (RIGHT) |
| 14 | 107 | Gooseneck |
| 15 | 107 | Bubbler |
| 16 | 109 | Gooseneck |
| 17 | 109 | Bubbler |
| 18 | 111 | Gooseneck |
| 19 | 111 | Bubbler |
| 20 | 113 | Gooseneck |
| 21 | 113 | Bubbler |
| 22 | 115 | Gooseneck |
| 23 | 115 | Bubbler |
| 24 | 115 Restroom | Hand Sink |
| 25 | 116 | Gooseneck |
| 26 | 116 | Bubbler |
| 27 | 116 | Hand Sink |
| 28 | 114 | Gooseneck |
| 29 | 114 | Bubbler |
| 30 | 112 | Gooseneck |
| 31 | 112 | Bubbler |
| 32 | 110 | Gooseneck |

Oakwood ES (1182) Martel No. 40018

330 Oak Manor Drive, Glen Burnie, MD 21061

| | | |
|----|--|------------------------------|
| 33 | 110 | Bubbler |
| 34 | Boys Bathroom | Left Side Hand Sink (LEFT) |
| 35 | Boys Bathroom | Left Side Hand Sink (CENTER) |
| 36 | Boys Bathroom | Left Side Hand Sink (RIGHT) |
| 37 | Boys Bathroom | Right Side Hand Sink (LEFT) |
| 38 | Boys Bathroom | Right Side Hand Sink (RIGHT) |
| 39 | 108 | Gooseneck |
| 40 | 108 | Bubbler |
| 41 | 104 | Gooseneck |
| 42 | 104 | Bubbler |
| 43 | 102 | Gooseneck |
| 44 | 102 | Bubbler |
| 45 | 14 C Closet | Slop Sink <i>X</i> |
| 46 | Teacher Lounge Restroom | Hand Sink |
| 47 | Kitchen Sink | Hand Sink |
| 48 | Kitchen Double Sink | Wash Sink (LEFT) |
| 49 | Kitchen Double Sink | Wash Sink (RIGHT) |
| 50 | Kitchen Restroom | Hand Sink |
| 51 | Kitchen 218 | Hand Sink |
| 52 | Hallway Water Fountain (near room 115) | Water Fountain |
| 53 | Hallway across from Boiler Room | Water Fountain |
| 54 | 202 | Gooseneck |
| 55 | 202 | Bubbler |
| 56 | 202 Bathroom | Hand Sink |
| 57 | 206 | Gooseneck |
| 58 | 206 | Bubbler |
| 59 | 206 Bathroom | Hand Sink |
| 60 | Art Room 212 | Hand Sink (RIGHT) |
| 61 | 212 | Hand Sink (LEFT) |
| 62 | 212 Bathroom | Hand Sink |
| 63 | Hallway (Next to 212) | Water Fountain |
| 64 | 402 | Slop Sink <i>X</i> |
| 65 | Hallway (Next to 402) | Water Fountain (LEFT) |
| 66 | Hallway (Next to 402) | Water Fountain (RIGHT) |
| 67 | Left Bathroom (Next to 402) | Hand Sink |
| 68 | Center Bathroom (Next to 402) | Hand Sink |
| 69 | Right Bathroom (Next to 402) | Hand Sink |
| 70 | 302 | Gooseneck |
| 71 | 302 | Bubbler |
| 72 | 302 Bathroom | Hand Sink |
| 73 | 304 Bathroom | Hand Sink |
| 74 | 306 | Gooseneck |
| 75 | 306 | Bubbler |
| 76 | 306 Bathroom | Hand Sink |

Oakwood ES (1182) Martel No. 40018

330 Oak Manor Drive, Glen Burnie, MD 21061

| | | | |
|-----|--------------------------------|-----------|-----------------------|
| 77 | 305 | Gooseneck | |
| 78 | 305 | Bubbler | |
| 79 | 305 Bathroom | Hand Sink | |
| 80 | 301 | Gooseneck | |
| 81 | 301 | Bubbler | |
| 82 | 301 Bathroom | Hand Sink | |
| 83 | Custodial Closet (near rm 306) | Slop Sink | * |
| 84 | 209 Bathroom | Hand Sink | |
| 85 | 207 Bathroom | Hand Sink | |
| 86 | 206 | Gooseneck | * } Repeats no sample |
| 87 | 206 | Bubbler | |
| 88 | 206 Bathroom | Hand Sink | |
| 89 | 203 | Gooseneck | |
| 90 | 203 | Bubbler | |
| 91 | 203 Bathroom | Hand Sink | |
| 92 | 201 | Gooseneck | |
| 93 | 201 | Bubbler | |
| 94 | 201 Bathroom | Hand Sink | |
| 95 | Outside (See Map) | Hose Bibb | } Not Functional |
| 96 | Outside (See Map) | Hose Bibb | |
| 97 | Outside (See Map) | Hose Bibb | |
| 98 | Outside (See Map) | Hose Bibb | |
| 99 | Outside (See Map) | Hose Bibb | } Not Functional |
| 100 | Outside (See Map) | Hose Bibb | |
| 101 | Outside (See Map) | Hose Bibb | |
| 102 | Outside (See Map) | Hose Bibb | |

102 - 8 HB
- 3 HB