**Pace Analytical Services, LLC**
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

May 18, 2021

Mark Wixson
Vernon-Sherrill CSD
5275 State Rt
Verona, NY 13478

RE: Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

Dear Mark Wixson:

Enclosed are the analytical results for sample(s) received by the laboratory on May 10, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Melville

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kimberley Mack

Kimberley M. Mack
kimberley.mack@pacelabs.com
(631)694-3040
Project Manager

Enclosures

**Pace Analytical Services, LLC**
575 Broad Hollow Road
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## CERTIFICATIONS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Pace Analytical Services Long Island**

Virginia Certification # 460302
Delaware Certification # NY10478
Delaware Certification # NY10478
575 Broad Hollow Rd, Melville, NY 11747
New York Certification #: 10478 Primary Accrediting Body
New Jersey Certification #: NY158
Pennsylvania Certification #: 68-00350
Connecticut Certification #: PH-0435
Maryland Certification #: 208
Rhode Island Certification #: LAO00340
Massachusetts Certification #: M-NY026
New Hampshire Certification #: 2987

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## ANALYTICAL RESULTS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Sample: MS 1** **Lab ID: 70172358001** Collected: 04/28/21 09:15 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 16:19 | 7439-92-1 | M1 |

**Sample: MS 2** **Lab ID: 70172358002** Collected: 04/28/21 09:16 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.2** | ug/L | 1.0 | 1 | | 05/17/21 16:23 | 7439-92-1 | |

**Sample: MS 3** **Lab ID: 70172358003** Collected: 04/28/21 09:17 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.3** | ug/L | 1.0 | 1 | | 05/17/21 16:24 | 7439-92-1 | |

**Sample: MS 5** **Lab ID: 70172358004** Collected: 04/28/21 09:21 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **4.2** | ug/L | 1.0 | 1 | | 05/17/21 16:25 | 7439-92-1 | |

**Sample: MS 6** **Lab ID: 70172358005** Collected: 04/28/21 09:22 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **4.5** | ug/L | 1.0 | 1 | | 05/17/21 16:26 | 7439-92-1 | |

## REPORT OF LABORATORY ANALYSIS

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## ANALYTICAL RESULTS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Sample: MS 7** **Lab ID: 70172358006** Collected: 04/28/21 09:23 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.7** | ug/L | 1.0 | 1 | | 05/17/21 16:28 | 7439-92-1 | |

**Sample: MS 8** **Lab ID: 70172358007** Collected: 04/28/21 09:24 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **4.4** | ug/L | 1.0 | 1 | | 05/17/21 16:29 | 7439-92-1 | |

**Sample: MS 9** **Lab ID: 70172358008** Collected: 04/28/21 09:25 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.2** | ug/L | 1.0 | 1 | | 05/17/21 16:30 | 7439-92-1 | |

**Sample: MS 10** **Lab ID: 70172358009** Collected: 04/28/21 09:26 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 16:31 | 7439-92-1 | |

**Sample: MS 11** **Lab ID: 70172358010** Collected: 04/28/21 09:27 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 16:32 | 7439-92-1 | |

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## ANALYTICAL RESULTS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Sample: MS 12** **Lab ID: 70172358011** Collected: 04/28/21 09:28 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.2** | ug/L | 1.0 | 1 | | 05/17/21 16:33 | 7439-92-1 | M1 |

**Sample: MS 13** **Lab ID: 70172358012** Collected: 04/28/21 09:29 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **10.3** | ug/L | 1.0 | 1 | | 05/17/21 16:36 | 7439-92-1 | |

**Sample: MS 14** **Lab ID: 70172358013** Collected: 04/28/21 09:30 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **27.8** | ug/L | 1.0 | 1 | | 05/17/21 16:36 | 7439-92-1 | |

**Sample: MS 15** **Lab ID: 70172358014** Collected: 04/28/21 09:31 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **23.3** | ug/L | 1.0 | 1 | | 05/17/21 16:39 | 7439-92-1 | |

**Sample: MS 19** **Lab ID: 70172358015** Collected: 04/28/21 09:38 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **3.3** | ug/L | 1.0 | 1 | | 05/17/21 16:40 | 7439-92-1 | |

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Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Sample: MS 20** **Lab ID: 70172358016** Collected: 04/28/21 09:39 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **4.4** | ug/L | 1.0 | 1 | | 05/17/21 16:41 | 7439-92-1 | |

**Sample: MS 21** **Lab ID: 70172358017** Collected: 04/28/21 09:40 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.7** | ug/L | 1.0 | 1 | | 05/17/21 16:42 | 7439-92-1 | |

**Sample: MS 22** **Lab ID: 70172358018** Collected: 04/28/21 09:41 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 16:43 | 7439-92-1 | |

**Sample: MS 23 (BOTTLE FILTER)** **Lab ID: 70172358019** Collected: 04/28/21 09:55 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 16:44 | 7439-92-1 | |

**Sample: MS 24** **Lab ID: 70172358020** Collected: 04/28/21 09:56 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **9.1** | ug/L | 1.0 | 1 | | 05/17/21 16:45 | 7439-92-1 | |

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**Sample: MS 25** **Lab ID: 70172358021** Collected: 04/28/21 09:57 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.7** | ug/L | 1.0 | 1 | | 05/17/21 16:47 | 7439-92-1 | |

**Sample: MS 26** **Lab ID: 70172358022** Collected: 04/28/21 09:51 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **1.9** | ug/L | 1.0 | 1 | | 05/17/21 16:52 | 7439-92-1 | |

**Sample: MS 27** **Lab ID: 70172358023** Collected: 04/28/21 09:52 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.6** | ug/L | 1.0 | 1 | | 05/17/21 16:53 | 7439-92-1 | |

**Sample: MS 38** **Lab ID: 70172358024** Collected: 04/28/21 10:05 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.6** | ug/L | 1.0 | 1 | | 05/17/21 16:54 | 7439-92-1 | |

**Sample: MS 39** **Lab ID: 70172358025** Collected: 04/28/21 10:06 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.8** | ug/L | 1.0 | 1 | | 05/17/21 16:54 | 7439-92-1 | |

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## ANALYTICAL RESULTS

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Pace Project No.: 70172358

**Sample: MS 40** **Lab ID: 70172358026** Collected: 04/28/21 10:07 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **4.9** | ug/L | 1.0 | 1 | | 05/17/21 16:55 | 7439-92-1 | |

**Sample: MS 41** **Lab ID: 70172358027** Collected: 04/28/21 10:08 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **1.3** | ug/L | 1.0 | 1 | | 05/17/21 16:56 | 7439-92-1 | |

**Sample: MS 42** **Lab ID: 70172358028** Collected: 04/28/21 10:03 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.4** | ug/L | 1.0 | 1 | | 05/17/21 16:57 | 7439-92-1 | |

**Sample: MS 43** **Lab ID: 70172358029** Collected: 04/28/21 10:04 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.0** | ug/L | 1.0 | 1 | | 05/17/21 16:58 | 7439-92-1 | |

**Sample: MS 49** **Lab ID: 70172358030** Collected: 04/28/21 10:12 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:01 | 7439-92-1 | |

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## ANALYTICAL RESULTS

Project: MIDDLE SCHOOL 4/28
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**Sample: MS 50** **Lab ID: 70172358031** Collected: 04/28/21 10:13 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:02 | 7439-92-1 | |

**Sample: MS 51** **Lab ID: 70172358032** Collected: 04/28/21 10:14 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:04 | 7439-92-1 | |

**Sample: MS 52** **Lab ID: 70172358033** Collected: 04/28/21 10:15 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:05 | 7439-92-1 | |

**Sample: MS 53 (BOTTLE FILTER)** **Lab ID: 70172358034** Collected: 04/28/21 10:09 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:06 | 7439-92-1 | |

**Sample: MS 54** **Lab ID: 70172358035** Collected: 04/28/21 10:17 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **1.2** | ug/L | 1.0 | 1 | | 05/17/21 17:07 | 7439-92-1 | |

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## ANALYTICAL RESULTS

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**Sample: MS 55** **Lab ID: 70172358036** Collected: 04/28/21 10:18 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **29.3** | ug/L | 1.0 | 1 | | 05/17/21 17:08 | 7439-92-1 | |

**Sample: MS 56** **Lab ID: 70172358037** Collected: 04/28/21 10:19 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.7** | ug/L | 1.0 | 1 | | 05/17/21 17:09 | 7439-92-1 | |

**Sample: MS 67** **Lab ID: 70172358038** Collected: 04/28/21 09:10 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **1.1** | ug/L | 1.0 | 1 | | 05/17/21 17:11 | 7439-92-1 | |

**Sample: MS 69 (BOTTLE FILTER)** **Lab ID: 70172358039** Collected: 04/28/21 09:11 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:12 | 7439-92-1 | |

**Sample: MS 85** **Lab ID: 70172358040** Collected: 04/28/21 09:05 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:13 | 7439-92-1 | |

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**Sample: MS 86** **Lab ID: 70172358041** Collected: 04/28/21 09:06 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:16 | 7439-92-1 | |

**Sample: MS 90** **Lab ID: 70172358042** Collected: 04/28/21 08:55 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **2.8** | ug/L | 1.0 | 1 | | 05/17/21 17:19 | 7439-92-1 | |

**Sample: MS 91** **Lab ID: 70172358043** Collected: 04/28/21 08:54 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **15.2** | ug/L | 1.0 | 1 | | 05/17/21 17:20 | 7439-92-1 | |

**Sample: MS 92** **Lab ID: 70172358044** Collected: 04/28/21 08:55 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.1** | ug/L | 1.0 | 1 | | 05/17/21 17:22 | 7439-92-1 | |

**Sample: MS 93** **Lab ID: 70172358045** Collected: 04/28/21 08:52 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **19.6** | ug/L | 1.0 | 1 | | 05/17/21 17:23 | 7439-92-1 | |

## REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## ANALYTICAL RESULTS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Sample: MS 96** **Lab ID: 70172358046** Collected: 04/28/21 09:42 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **3.6** | ug/L | 1.0 | 1 | | 05/17/21 17:24 | 7439-92-1 | |

**Sample: MS 97** **Lab ID: 70172358047** Collected: 04/28/21 09:47 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **5.1** | ug/L | 1.0 | 1 | | 05/17/21 17:25 | 7439-92-1 | |

**Sample: MS 99** **Lab ID: 70172358048** Collected: 04/28/21 10:00 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **1.2** | ug/L | 1.0 | 1 | | 05/17/21 17:26 | 7439-92-1 | |

**Sample: MS 100** **Lab ID: 70172358049** Collected: 04/28/21 10:01 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **1.7** | ug/L | 1.0 | 1 | | 05/17/21 17:27 | 7439-92-1 | |

**Sample: MS 101** **Lab ID: 70172358050** Collected: 04/28/21 10:02 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **4.3** | ug/L | 1.0 | 1 | | 05/17/21 17:28 | 7439-92-1 | |

## REPORT OF LABORATORY ANALYSIS

**Pace Analytical Services, LLC**
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## ANALYTICAL RESULTS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

**Sample: MS 102** **Lab ID: 70172358051** Collected: 04/28/21 10:36 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:29 | 7439-92-1 | |

**Sample: MS 89** **Lab ID: 70172358052** Collected: 04/28/21 09:04 Received: 05/10/21 11:40 Matrix: Drinking Water

| Parameters | Results | Units | Report Limit | DF | Prepared | Analyzed | CAS No. | Qual |
|---|---|---|---|---|---|---|---|---|
| **200.8 MET ICPMS Drinking Water** | Analytical Method: EPA 200.8<br>Pace Analytical Services - Melville | | | | | | | |
| Lead | **<1.0** | ug/L | 1.0 | 1 | | 05/17/21 17:33 | 7439-92-1 | |

## REPORT OF LABORATORY ANALYSIS

**Pace Analytical Services, LLC**
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## QUALITY CONTROL DATA

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

QC Batch: 208856 — Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 — Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70172358001, 70172358002, 70172358003, 70172358004, 70172358005, 70172358006, 70172358007, 70172358008, 70172358009, 70172358010, 70172358011, 70172358012, 70172358013, 70172358014, 70172358015, 70172358016, 70172358017, 70172358018, 70172358019, 70172358020

METHOD BLANK: 1040939 — Matrix: Water

Associated Lab Samples: 70172358001, 70172358002, 70172358003, 70172358004, 70172358005, 70172358006, 70172358007, 70172358008, 70172358009, 70172358010, 70172358011, 70172358012, 70172358013, 70172358014, 70172358015, 70172358016, 70172358017, 70172358018, 70172358019, 70172358020

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 1.0 | 05/17/21 16:17 | |

LABORATORY CONTROL SAMPLE: 1040940

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Lead | ug/L | 50 | 49.5 | 99 | 85-115 | |

MATRIX SPIKE SAMPLE: 1040943

| Parameter | Units | 70172358001 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 25 | 34.5 | 135 | 70-130 | M1 |

MATRIX SPIKE SAMPLE: 1040945

| Parameter | Units | 70172358011 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Lead | ug/L | 2.2 | 25 | 36.2 | 136 | 70-130 | M1 |

SAMPLE DUPLICATE: 1040942

| Parameter | Units | 70172358001 Result | Dup Result | RPD | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | <1.0 | | |

SAMPLE DUPLICATE: 1040944

| Parameter | Units | 70172358011 Result | Dup Result | RPD | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | 2.2 | 2.2 | 0 | |

**Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.**

## REPORT OF LABORATORY ANALYSIS

**Pace Analytical Services, LLC**
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## QUALITY CONTROL DATA

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

QC Batch: 208857 — Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 — Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville

Associated Lab Samples: 70172358021, 70172358022, 70172358023, 70172358024, 70172358025, 70172358026, 70172358027, 70172358028, 70172358029, 70172358030, 70172358031, 70172358032, 70172358033, 70172358034, 70172358035, 70172358036, 70172358037, 70172358038, 70172358039, 70172358040

METHOD BLANK: 1040948 — Matrix: Water

Associated Lab Samples: 70172358021, 70172358022, 70172358023, 70172358024, 70172358025, 70172358026, 70172358027, 70172358028, 70172358029, 70172358030, 70172358031, 70172358032, 70172358033, 70172358034, 70172358035, 70172358036, 70172358037, 70172358038, 70172358039, 70172358040

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 1.0 | 05/17/21 16:45 | |

LABORATORY CONTROL SAMPLE: 1040949

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Lead | ug/L | 50 | 49.5 | 99 | 85-115 | |

MATRIX SPIKE SAMPLE: 1040951

| Parameter | Units | 70172358021 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Lead | ug/L | 2.7 | 37.5 | 36.7 | 91 | 70-130 | |

MATRIX SPIKE SAMPLE: 1040953

| Parameter | Units | 70172358031 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 37.5 | 34.5 | 90 | 70-130 | |

SAMPLE DUPLICATE: 1040950

| Parameter | Units | 70172358021 Result | Dup Result | RPD | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | 2.7 | 2.7 | 0 | |

SAMPLE DUPLICATE: 1040952

| Parameter | Units | 70172358031 Result | Dup Result | RPD | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | <1.0 | | |

**Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.**

## REPORT OF LABORATORY ANALYSIS

**Pace Analytical Services, LLC**
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## QUALITY CONTROL DATA

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

QC Batch: 208859 — Analysis Method: EPA 200.8
QC Batch Method: EPA 200.8 — Analysis Description: 200.8 MET No Prep Drinking Water
Laboratory: Pace Analytical Services - Melville
Associated Lab Samples: 70172358041, 70172358042, 70172358043, 70172358044, 70172358045, 70172358046, 70172358047, 70172358048, 70172358049, 70172358050, 70172358051, 70172358052

METHOD BLANK: 1040954 — Matrix: Water
Associated Lab Samples: 70172358041, 70172358042, 70172358043, 70172358044, 70172358045, 70172358046, 70172358047, 70172358048, 70172358049, 70172358050, 70172358051, 70172358052

| Parameter | Units | Blank Result | Reporting Limit | Analyzed | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 1.0 | 05/17/21 17:14 | |

LABORATORY CONTROL SAMPLE: 1040955

| Parameter | Units | Spike Conc. | LCS Result | LCS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|
| Lead | ug/L | 50 | 49.0 | 98 | 85-115 | |

MATRIX SPIKE SAMPLE: 1040957

| Parameter | Units | 70172358041 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 37.5 | 34.3 | 90 | 70-130 | |

MATRIX SPIKE SAMPLE: 1040959

| Parameter | Units | 70172358051 Result | Spike Conc. | MS Result | MS % Rec | % Rec Limits | Qualifiers |
|---|---|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | 37.5 | 33.9 | 90 | 70-130 | |

SAMPLE DUPLICATE: 1040956

| Parameter | Units | 70172358041 Result | Dup Result | RPD | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | <1.0 | | |

SAMPLE DUPLICATE: 1040958

| Parameter | Units | 70172358051 Result | Dup Result | RPD | Qualifiers |
|---|---|---|---|---|---|
| Lead | ug/L | <1.0 | <1.0 | | |

**Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.**

## REPORT OF LABORATORY ANALYSIS

**Pace Analytical Services, LLC**
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

# QUALIFIERS

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

## DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

## WORKORDER QUALIFIERS

WO: 70172358

[1] Samples received but not indicated on COC: MS 89 collected @ 09:04

## ANALYTE QUALIFIERS

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| 70172358001 | MS 1 | EPA 200.8 | 208856 | | |
| 70172358002 | MS 2 | EPA 200.8 | 208856 | | |
| 70172358003 | MS 3 | EPA 200.8 | 208856 | | |
| 70172358004 | MS 5 | EPA 200.8 | 208856 | | |
| 70172358005 | MS 6 | EPA 200.8 | 208856 | | |
| 70172358006 | MS 7 | EPA 200.8 | 208856 | | |
| 70172358007 | MS 8 | EPA 200.8 | 208856 | | |
| 70172358008 | MS 9 | EPA 200.8 | 208856 | | |
| 70172358009 | MS 10 | EPA 200.8 | 208856 | | |
| 70172358010 | MS 11 | EPA 200.8 | 208856 | | |
| 70172358011 | MS 12 | EPA 200.8 | 208856 | | |
| 70172358012 | MS 13 | EPA 200.8 | 208856 | | |
| 70172358013 | MS 14 | EPA 200.8 | 208856 | | |
| 70172358014 | MS 15 | EPA 200.8 | 208856 | | |
| 70172358015 | MS 19 | EPA 200.8 | 208856 | | |
| 70172358016 | MS 20 | EPA 200.8 | 208856 | | |
| 70172358017 | MS 21 | EPA 200.8 | 208856 | | |
| 70172358018 | MS 22 | EPA 200.8 | 208856 | | |
| 70172358019 | MS 23 (BOTTLE FILTER) | EPA 200.8 | 208856 | | |
| 70172358020 | MS 24 | EPA 200.8 | 208856 | | |
| 70172358021 | MS 25 | EPA 200.8 | 208857 | | |
| 70172358022 | MS 26 | EPA 200.8 | 208857 | | |
| 70172358023 | MS 27 | EPA 200.8 | 208857 | | |
| 70172358024 | MS 38 | EPA 200.8 | 208857 | | |
| 70172358025 | MS 39 | EPA 200.8 | 208857 | | |
| 70172358026 | MS 40 | EPA 200.8 | 208857 | | |
| 70172358027 | MS 41 | EPA 200.8 | 208857 | | |
| 70172358028 | MS 42 | EPA 200.8 | 208857 | | |
| 70172358029 | MS 43 | EPA 200.8 | 208857 | | |
| 70172358030 | MS 49 | EPA 200.8 | 208857 | | |
| 70172358031 | MS 50 | EPA 200.8 | 208857 | | |
| 70172358032 | MS 51 | EPA 200.8 | 208857 | | |
| 70172358033 | MS 52 | EPA 200.8 | 208857 | | |
| 70172358034 | MS 53 (BOTTLE FILTER) | EPA 200.8 | 208857 | | |
| 70172358035 | MS 54 | EPA 200.8 | 208857 | | |
| 70172358036 | MS 55 | EPA 200.8 | 208857 | | |
| 70172358037 | MS 56 | EPA 200.8 | 208857 | | |
| 70172358038 | MS 67 | EPA 200.8 | 208857 | | |
| 70172358039 | MS 69 (BOTTLE FILTER) | EPA 200.8 | 208857 | | |
| 70172358040 | MS 85 | EPA 200.8 | 208857 | | |
| 70172358041 | MS 86 | EPA 200.8 | 208859 | | |
| 70172358042 | MS 90 | EPA 200.8 | 208859 | | |
| 70172358043 | MS 91 | EPA 200.8 | 208859 | | |
| 70172358044 | MS 92 | EPA 200.8 | 208859 | | |
| 70172358045 | MS 93 | EPA 200.8 | 208859 | | |
| 70172358046 | MS 96 | EPA 200.8 | 208859 | | |
| 70172358047 | MS 97 | EPA 200.8 | 208859 | | |
| 70172358048 | MS 99 | EPA 200.8 | 208859 | | |

## REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
575 Broad Hollow Road
Melville, NY 11747
(631)694-3040

## QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: MIDDLE SCHOOL 4/28
Pace Project No.: 70172358

| Lab ID | Sample ID | QC Batch Method | QC Batch | Analytical Method | Analytical Batch |
|---|---|---|---|---|---|
| **70172358049** | **MS 100** | EPA 200.8 | 208859 | | |
| **70172358050** | **MS 101** | EPA 200.8 | 208859 | | |
| **70172358051** | **MS 102** | EPA 200.8 | 208859 | | |
| **70172358052** | **MS 89** | EPA 200.8 | 208859 | | |

WO#: 70172358

70172358

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

4356

Page : 1 Of 5

**Section B — Required Client Information:**

| | |
|---|---|
| Company: ~~Intertek-PSI~~ Vernon Sheriff CSD | |
| Address: ~~104 Erie Boulevard~~ C/o Pace | |
| ~~Suite 1, Schenectady, NY 12305~~ | |
| Email: william.kotas@intertek.com Pace | |
| Phone: ~~518-377-9841~~ Fax: | |
| Requested Due Date: Standard | |

**Section B — Required Project Information:**

| | |
|---|---|
| Report To: ~~William Kotas~~ Vernon Sheriff CSD | |
| Copy To: William Kotas | |
| Purchase Order #: | |
| Project Name: middle school | |
| Project #: 0821 4356 | |

**Section C — Invoice Information:**

| | |
|---|---|
| Attention: ~~William Kotas~~ Vernon Sheriff CSD | |
| Company Name: Intertek-PSI | |
| Address: ~~104 Erie Boulevard~~ | |
| Pace Quote: | |
| Pace Project Manager: | |
| Pace Profile #: | |

**Regulatory Agency**

**State / Location**

NY

**Requested Analysis Filtered (Y/N)**

| ITEM # | SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique) | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED START DATE | COLLECTED START TIME | COLLECTED END DATE | COLLECTED END TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives: Unpreserved | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol | Other | Analyses Test: Pb by EPA 200.8 | Residual Chlorine (Y/N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MS 1 | DW | G | 04/27 | 0915 | | | | 1 | | | | | | | | | x | |
| | 2 | DW | G | | 0916 | | | | 1 | | | | | | | | | x | |
| | 3 | DW | G | | 0917 | | | | 1 | | | | | | | | | x | |
| | 5 | DW | G | | 0924 | | | | 1 | | | | | | | | | x | |
| | 6 | DW | G | | 0922 | | | | 1 | | | | | | | | | x | |
| | 7 | DW | G | | 0923 | | | | 1 | | | | | | | | | x | |
| | 8 | DW | G | | 0924 | | | | 1 | | | | | | | | | x | |
| | 9 | DW | G | | 0925 | | | | 1 | | | | | | | | | x | |
| | 10 | DW | G | | 0926 | | | | 1 | | | | | | | | | x | |
| | 11 | DW | G | | 0927 | | | | 1 | | | | | | | | | x | |
| | 12 | DW | G | | 0928 | | | | 1 | | | | | | | | | x | |
| | 13 | DW | G | ↓ | 0929 | | | | 1 | | | | | | | | | x | |

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---|---|---|---|---|---|---|---|
| ID's not on COC yet | | ~~5-10-21~~ 5/10/21 | 1620 | | 5-7-21 | 1000 | |
| Sampled once to being out | | 5-10-21 | 1140 | | 5/10/21 | 1140 | |
| | | | | | | | |
| | | | | | | | |

3 Boxes

**SAMPLER NAME AND SIGNATURE**

PRINT Name of SAMPLER: Chris Putzer

SIGNATURE of SAMPLER: [signature] DATE Signed: 05/03/2021

| TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|---|---|---|---|
| | | | |

Pace Analytical
WWW.PACELABS.COM

# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

4356



| Section A Required Client Information: | | Section B Required Project Information: | Section C Invoice Information: | |
|---|---|---|---|---|
| Company: | Intertek- PSI | Report To: William Kotas | Attention: William Kotas | |
| Address: | 104 Erie Boulevard | Copy To: William Kotas | Company Name: Intertek-PSI | Regulatory Agency |
| Suite 1, Schenectady, NY 12305 | | | Address: 104 Erie Boulevard | |
| Email: | william.kotas@intertek.com | Purchase Order #: | Pace Quote: | |
| Phone: 518-377-9841 | Fax: | Project Name: | Pace Project Manager: | State / Location |
| Requested Due Date: | | Project #: | Pace Profile #: | NY |

| ITEM # | SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique) | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED START DATE | COLLECTED START TIME | COLLECTED END DATE | COLLECTED END TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives: Unpreserved | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol | Other | Analyses Test: Pb by EPA 200.8 | Residual Chlorine (Y/N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MATRIX: Drinking Water DW, Water WT, Waste Water WW, Product P, Soil/Solid SL, Oil OL, Wipe WP, Air AR, Other OT, Tissue TS / CODE | | | | | | | | | | | | | | | | | Requested Analysis Filtered (Y/N) | |
| | HS14 | DW | G | 04/28 | 0930 | | | | 1 | | | | | | | | | x | |
| | 15 | DW | G | | 0931 | | | | 1 | | | | | | | | | x | |
| | 19 | DW | G | | 0938 | | | | 1 | | | | | | | | | x | |
| | 20 | DW | G | | 0934 | | | | 1 | | | | | | | | | x | |
| | 21 | DW | G | | 0940 | | | | 1 | | | | | | | | | x | |
| | 22 | DW | G | | 0941 | | | | 1 | | | | | | | | | x | |
| | 23 (Bottle filler) | DW | G | | 0955 | | | | 1 | | | | | | | | | x | |
| | 24 | DW | G | | 0952 | | | | 1 | | | | | | | | | x | |
| | 25 | DW | G | | 0957 | | | | 1 | | | | | | | | | x | |
| | 26 | DW | G | | 0951 | | | | 1 | | | | | | | | | x | |
| | 27 | DW | G | | 0952 | | | | 1 | | | | | | | | | x | |
| | 38 | DW | G | " | 1005 | | | | 1 | | | | | | | | | x | |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---|---|---|---|---|---|---|---|
| | | | | PACE | 5-7-21 | 1000 | |
| | PACE | 5-10-21 | 11:10 | | 5/10/21 | 1140 | |
| | | | | | | | |
| | | | | | | | |

| SAMPLER NAME AND SIGNATURE | | | TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|---|---|---|---|---|---|---|
| PRINT Name of SAMPLER: | Chris Putzer | | | | | |
| SIGNATURE of SAMPLER: | | DATE Signed: | | | | |

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# CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

4355

Page : 3 Of 5

| Section A Required Client Information: | | Section B Required Project Information: | Section C Invoice Information: | |
|---|---|---|---|---|
| Company: Intertek- PSI | | Report To: William Kotas | Attention: William Kotas | |
| Address: 104 Erie Boulevard | | Copy To: William Kotas | Company Name: Intertek-PSI | |
| Suite 1, Schenectady, NY 12305 | | | Address: 104 Erie Boulevard | Regulatory Agency |
| Email: william.kotas@intertek.com | | Purchase Order #: | Pace Quote: | |
| Phone: 518-377-9841 | Fax: | Project Name: | Pace Project Manager: | State / Location |
| Requested Due Date: | | Project #: | Pace Profile #: | NY |

| ITEM # | SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique) | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED START DATE | COLLECTED START TIME | COLLECTED END DATE | COLLECTED END TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives: Unpreserved | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol | Other | Analyses Test Y/N | Pb by EPA 200.8 | Residual Chlorine (Y/N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1539 | DW | G | 04/28 | 1006 | | | | 1 | | | | | | | | | | x | |
| | 40 | DW | G | | 1007 | | | | 1 | | | | | | | | | | x | |
| | 41 | DW | G | | 1008 | | | | 1 | | | | | | | | | | x | |
| | 42 | DW | G | | 1003 | | | | 1 | | | | | | | | | | x | |
| | 43 | DW | G | | 1004 | | | | 1 | | | | | | | | | | x | |
| | 44 | DW | G | | 1012 | | | | 1 | | | | | | | | | | x | |
| | 56 | DW | G | | 1013 | | | | 1 | | | | | | | | | | x | |
| | 51 | DW | G | | 1014 | | | | 1 | | | | | | | | | | x | |
| | 52 | DW | G | | 1015 | | | | 1 | | | | | | | | | | x | |
| | 53 (Blank filler) | DW | G | | 1009 | | | | 1 | | | | | | | | | | x | |
| | 54 | DW | G | | 1017 | | | | 1 | | | | | | | | | | x | |
| | 55 | DW | G | | 1018 | | | | 1 | | | | | | | | | | x | |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---|---|---|---|---|---|---|---|
| | | | | PACE | 5-7-21 | 1000 | |
| | PACE | 5-10-21 | 1116 | | 5/10/21 | 1140 | |
| | | | | | | | |
| | | | | | | | |

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Putzer

SIGNATURE of SAMPLER: DATE Signed:

| TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|---|---|---|---|
| | | | |

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# CHAIN-OF-CUSTODY / Analytical Request Document

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4355

Page: 4 Of 5

| Section A Required Client Information: | | Section B Required Project Information: | Section C Invoice Information: | |
|---|---|---|---|---|
| Company: Intertek- PSI | | Report To: William Kotas | Attention: William Kotas | |
| Address: 104 Erie Boulevard | | Copy To: William Kotas | Company Name: Intertek-PSI | |
| Suite 1, Schenectady, NY 12305 | | | Address: 104 Erie Boulevard | Regulatory Agency |
| Email: william.kotas@intertek.com | | Purchase Order #: | Pace Quote: | |
| Phone: 518-377-9841 | Fax: | Project Name: | Pace Project Manager: | State / Location |
| Requested Due Date: | | Project #: | Pace Profile #: | NY |

MATRIX CODE: Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Other OT; Tissue TS

| ITEM # | SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique) | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED START DATE | COLLECTED START TIME | COLLECTED END DATE | COLLECTED END TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives: Unpreserved | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol | Other | Requested Analysis Filtered (Y/N): Y/N | Analyses Test: Pb by EPA 200.8 | Residual Chlorine (Y/N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 4556 | DW | G | 4/28 | 1019 | | | | 1 | | | | | | | | | | x | |
| | 67 | DW | G | | 0910 | | | | 1 | | | | | | | | | | x | |
| | 69 (Bottle dup) | DW | G | | 0911 | | | | 1 | | | | | | | | | | x | |
| | 85 | DW | G | | 0945 | | | | 1 | | | | | | | | | | x | |
| | 86 | DW | G | | 0902 | | | | 1 | | | | | | | | | | x | |
| | 90 | DW | G | | 0853 | | | | 1 | | | | | | | | | | x | |
| | 91 | DW | G | | 0854 | | | | 1 | | | | | | | | | | x | |
| | 92 | DW | G | | 0855 | | | | 1 | | | | | | | | | | x | |
| | 93 | DW | G | | 0852 | | | | 1 | | | | | | | | | | x | |
| | 96 | DW | G | | 0942 | | | | 1 | | | | | | | | | | x | |
| | 97 | DW | G | | 0947 | | | | 1 | | | | | | | | | | x | |
| | 99 | DW | G | ↓ | 1006 | | | | 1 | | | | | | | | | | x | |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---|---|---|---|---|---|---|---|
| | | | | PACE | 5-7-21 | 10:00 | |
| | PACE | 5-10-21 | 11:40 | | 5/10/21 | 1140 | |
| | | | | | | | |
| | | | | | | | |

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Putzer

SIGNATURE of SAMPLER: DATE Signed:

| TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|---|---|---|---|
| | | | |

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# CHAIN-OF-CUSTODY / Analytical Request Document

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4355

Page : 5 Of 5

| Section A Required Client Information: | | Section B Required Project Information: | Section C Invoice Information: | |
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| Company: | Intertek- PSI | Report To: William Kotas | Attention: William Kotas | |
| Address: | 104 Erie Boulevard | Copy To: William Kotas | Company Name: Intertek-PSI | Regulatory Agency |
| | Suite 1, Schenectady, NY 12305 | | Address: 104 Erie Boulevard | |
| Email: | william.kotas@intertek.com | Purchase Order #: | Pace Quote: | |
| Phone: | 518-377-9841 Fax: | Project Name: | Pace Project Manager: | State / Location |
| Requested Due Date: | | Project #: | Pace Profile #: | NY |

| ITEM # | SAMPLE ID (One Character per box. (A-Z, 0-9 / , -) Sample Ids must be unique) | MATRIX CODE (see valid codes to left) | SAMPLE TYPE (G=GRAB C=COMP) | COLLECTED START DATE | COLLECTED START TIME | COLLECTED END DATE | COLLECTED END TIME | SAMPLE TEMP AT COLLECTION | # OF CONTAINERS | Preservatives: Unpreserved | H2SO4 | HNO3 | HCl | NaOH | Na2S2O3 | Methanol | Other | Analyses Test Y/N | Pb by EPA 200.8 | Residual Chlorine (Y/N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MS 100 | DW | G | 4/27 | 1051 | | | | 1 | | | | | | | | | | x | |
| | 101 | DW | G | ↓ | 1052 | | | | 1 | | | | | | | | | | x | |
| | 102 - CN Bath across from Rm 11 | DW | G | ↓ | 1053 | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |
| | | DW | G | | | | | | 1 | | | | | | | | | | x | |

| ADDITIONAL COMMENTS | RELINQUISHED BY / AFFILIATION | DATE | TIME | ACCEPTED BY / AFFILIATION | DATE | TIME | SAMPLE CONDITIONS |
|---|---|---|---|---|---|---|---|
| | | | | PACE | 5-7-21 | 1000 | |
| | PACE | 5-10-21 | 1710 | | 5/10/21 | 1140 | |
| | | | | | | | |
| | | | | | | | |

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Chris Putzer

SIGNATURE of SAMPLER: DATE Signed:

| TEMP in C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N) |
|---|---|---|---|
| | | | |

# Sample Condition Upon Receipt

Pace Analytical®

**WO#: 70172358**

**PM: KMM** **Due Date: 05/18/21**

**CLIENT: VSCSD**

Client Name: Vernon Sherrill Project

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace ☐ Other

Tracking #:

Custody Seal on Cooler/Box Present: ☐ Yes ☑ No Seals intact: ☐ Yes ☑ No

Packing Material: ☐ Bubble Wrap ☐ Bubble Bags ☐ Ziploc ☑ None ☐ Other

Thermometer Used: TH091 Correction Factor: +0.0

Cooler Temperature(°C): 20.3 Cooler Temperature Corrected(°C): 20.3

Temp should be above freezing to 6.0°C

USDA Regulated Soil ( ☐ N/A, water sample)

Temperature Blank Present: ☐ Yes ☑ No

Type of Ice: Wet Blue (None)

☐ Samples on ice, cooling process has begun

Date/Time 5035A kits placed in freezer

Date and Initials of person examining contents: MS 5/10/21

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, or VA (check map)? ☐ Yes ☐ No

Did samples orignate from a foreign source including Hawaii and Puerto Rico)? ☐ Yes ☒ No

If Yes to either question, fill out a Regulated Soil Checklist (F-LI-C-010) and include with SCUR/COC paperwork.

| | | | | COMMENTS: |
|---|---|---|---|---|
| Chain of Custody Present: | ☑ Yes | ☐ No | | 1. |
| Chain of Custody Filled Out: | ☑ Yes | ☐ No | | 2. |
| Chain of Custody Relinquished: | ☑ Yes | ☐ No | | 3. |
| Sampler Name & Signature on COC: | ☑ Yes | ☐ No | ☐ N/A | 4. |
| Samples Arrived within Hold Time: | ☑ Yes | ☐ No | | 5. |
| Short Hold Time Analysis (<72hr): | ☐ Yes | ☑ No | | 6. |
| Rush Turn Around Time Requested: | ☐ Yes | ☑ No | | 7. |
| Sufficient Volume: (Triple volume provided for | ☑ Yes | ☐ No | | 8. |
| Correct Containers Used: | ☑ Yes | ☐ No | | 9. |
| -Pace Containers Used: | ☑ Yes | ☐ No | | |
| Containers Intact: | ☑ Yes | ☐ No | | 10. |
| Filtered volume received for Dissolved tests | ☐ Yes | ☐ No | ☑ N/A | 11. Note if sediment is visible in the dissolved container. |
| Sample Labels match COC: | ☐ Yes | ☑ No | | 12. Sample received for MS 84 at 9041 logged at end |
| -Includes date/time/ID, Matrix: SL (WT) OIL | | | | |
| All containers needing preservation have been checked? | ☑ Yes | ☐ No | ☐ N/A | 13. ☐ $HNO_3$ ☐ $H_2SO_4$ ☐ NaOH ☐ HCl |
| pH paper Lot # HC148594 | | | | Sample # |
| All containers needing preservation are found to be in compliance with method recommendation? ($HNO_3$, $H_2SO_4$, HCl, NaOH>9 Sulfide, NAOH>12 Cyanide) | ☑ Yes | ☐ No | ☐ N/A | |
| Exceptions: VOA, Coliform, TOC/DOC, Oil and Grease, DRO/8015 (water). Per Method, VOA pH is checked after analysis | | | | Initial when completed: / Lot # of added preservative: / Date/Time preservative added: |
| Samples checked for dechlorination: | ☐ Yes | ☐ No | ☑ N/A | 14. |
| KI starch test strips Lot # | | | | Positive for Res. Chlorine? Y N |
| Residual chlorine strips Lot # | | | | |
| SM 4500 CN samples checked for sulfide? | ☐ Yes | ☐ No | ☑ N/A | 15. |
| Lead Acetate Strips Lot # | | | | |
| Headspace in VOA Vials ( >6mm): | ☐ Yes | ☐ No | ☑ N/A | 16. |
| Trip Blank Present: | ☐ Yes | ☐ No | ☑ N/A | 17. |
| Trip Blank Custody Seals Present | ☐ Yes | ☐ No | ☑ N/A | |
| Pace Trip Blank Lot # (if applicable): | | | | |

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

* PM (Project Manager) review is documented electronically in LIMS.