



Environmental and Laboratory Services
 90 1/2 West Blackwell St., Dover, New Jersey 07801
 (973) 989-0010 P, (973) 989-0156 F

Analytical Results

Date: May 20, 2016
 Client: Morris Plains School District
 500 Speedwell Ave
 Morris Plains, NJ 07950
 Project: **Borough Elementary School**

Sample description: Drinking Water / 1st Draw / DWSC1500-1
 Sample location: Science Lab 116
 Sampled by: Client
 Sample date: 05/03/16
 Time: 06:20
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 2.28 ug/L | 15 ug/L | 05/10/16 | 21:30 | 2 ug/L |

ug/L = micrograms per liter

All testing was done within the required holding time.

I certify that these samples were analyzed in accordance with procedures approved by the New Jersey Department of Environmental Protection.

Laurette Young (For SV)
 Susan VanVeen, Lab Manager
 NJ Laboratory Certification ID # 14013

May 20, 2016
 Date

CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Borough Elementary School

Customer Name: Morris Plains BOE
Address: 500 Speechwell Ave
County/Municipality: Morris Plains NJ 07950
Phone: (973) 538-1650
Work:

report to: Ms. Amy Barkman
Agra Environmental Services
 90½ West Blackwell Street
 Dover, NJ 07801
 Phone: (973) 989-0010
 Fax: (973) 989-0156



Matrix Abbreviations: D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake
Project: DWSC1500 PWSID# NJ1406326

| Field ID | Lab ID | Collection | | Grab | Comp | Matrix | # of Bottles | Preservative | ANALYSIS REQUESTED | Cl ₂ | pH/T°C |
|----------|--------|---------------------------------|--------|------|------|--------|--------------|--------------|---------------------------------------|-----------------|--------|
| | | Date | Time | | | | | | | | |
| 1 | | Morris Plains - Science Lab 116 | 5/3/16 | 0620 | | | | | 1st Draw Pb 2.28 mg/L 5/10 2:30 CM | | |
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State Forms Needed (circle one): Yes or No Yes
 NJDEP Laboratory Certification (Dover, NJ) #14013
 NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box): Standard NJ Reduced Other (Specify) _____
 Cooler Temperature Upon Receipt at lab: 8°C

Sample Custody Exchanges (Please use full legal signature)

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: | Scanned |
|------------------|----------|-------|--------------|----------|-------|---------|
| MHV | 5/4/2016 | 08:50 | MHV | 5/4/2016 | 09:50 | |
| | | | | | | |
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Date Faxed: _____ Invoice Number: _____
 Is sample known to be hazardous? (circle one) Yes or No



Environmental and Laboratory Services
 90 ½ West Blackwell St., Dover, New Jersey 07801
 (973) 989-0010 P, (973) 989-0156 F

Analytical Results

Date: April 22, 2016
 Client: Morris Plains School District
 500 Speedwell Ave
 Morris Plains, NJ 07950
 PWSID: NJ1406326
 Project: Mountain Way
 Sample description: Drinking Water / 1st Draw / DWSC1396-1
 Sample location: Front Lobby Water Fountain
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:38
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 03:02 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-2
 Sample location: Kitchen Sink
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:39
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 2.56 ug/L | 15 ug/L | 04/20/2016 | 03:08 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-3
 Sample location: Main Office Water Fountain
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:41
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 3.22 ug/L | 15 ug/L | 04/20/2016 | 03:14 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-4
 Sample location: Nurse Sink
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:41
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 5.58 ug/L | 15 ug/L | 04/20/2016 | 03:20 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-5
 Sample location: Boy's Bathroom
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:43
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 03:25 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-6
 Sample location: Classroom 6 Water Fountain
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:45
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 2.86 ug/L | 15 ug/L | 04/20/2016 | 03:31 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-7
 Sample location: Classroom 14 Water Fountain
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:47
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 03:36 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1396-8
 Sample location: Library Sink
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:50
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 16.1 ug/L | 15 ug/L | 04/20/2016 | 03:48 | 2 ug/L |

ug/L = micrograms per liter

CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

email: abackman@mpskb.org

Customer Name: Morris Plains
 Address: Mountain Way
 County/Municipality: Morris Plains School Dist
 Phone: (973) 989-0010
 Work: 07950

report to: Agra Environmental Services
 90 1/2 West Blackwell Street
 Dover, NJ 07801
 Phone: (973) 989-0010
 Fax: (973) 989-0156



| Matrix Abbreviations: D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake | W- Wastewater | S- Soil | SL- Sludge | P- Pool | L- Lake | Page | of | | | | |
|--|-----------------------------|---------|------------|---------|-------------------------|----------------|--------------|--------------|------------------------|-----------------|--------|
| Project: Mountain Way | PWSID# NJ1406326 | | | | for laboratory use only | Field Analysis | | | | | |
| Lab ID: 2WSL1396 | Collection | Date | Time | Grab | Comp | Matrix | # of Bottles | Preservative | ANALYSIS REQUESTED | Cl ₂ | pH/T°C |
| 1 | Front Lobby Water Fountain | 4/9/16 | 10:38 | | | | | | Pb <2µg/L 4/20 0302 cm | | |
| 2 | Kitchen Sink | 4/9/16 | 10:39 | | | | | | Pb 2.56µg/L 0308 | | |
| 3 | Main office Water Fountain | 4/9/16 | 10:41 | | | | | | Pb 3.22µg/L 0314 | | |
| 4 | Nurse Sink | 4/9/16 | 10:41 | | | | | | Pb 5.58µg/L 0320 | | |
| 5 | Boy's Bathroom | 4/9/16 | 10:43 | | | | | | Pb <2µg/L 0325 | | |
| 6 | Classroom 6 Water Fountain | 4/9/16 | 10:45 | | | | | | Pb 2.86µg/L 0331 | | |
| 7 | Classroom 14 Water Fountain | 4/9/16 | 10:47 | | | | | | Pb <2µg/L 0336 | | |
| 8 | Library Sink | 4/9/16 | 10:50 | | | | | | Pb 16.1µg/L 0348 | | |

State Forms Needed (circle one): Yes or No
 NJDEP Laboratory Certification (Dover, NJ) #14013
 NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):
 Standard NJ Reduced Other (Specify)

Indicate laboratory location where analysis requested was performed:
 Cooler Temperature Upon Receipt at lab: _____

Sample Custody Exchanges (Please use full legal signature)

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|------------------|-------|-------|--------------|-------|-------|
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Scanned: 1st Draw
 Invoice Number: 250ml Sample
 Date Faxed: _____
 Is sample known to be hazardous? (circle one)
 Yes or No



Environmental and Laboratory Services
 90 ½ West Blackwell St., Dover, New Jersey 07801
 (973) 989-0010 P, (973) 989-0156 F

Analytical Results

Date: April 22, 2016

Client: Morris Plains School District
 500 Speedwell Ave
 Morris Plains, NJ 07950

PWSID: NJ1406326

Project: Morris Plains-B

Sample description: Drinking Water / 1st Draw / DWSC1395-1
Sample location: 2nd Fl BR (207) Boys
Sampled by: Client
Sample date: 04/09/16
Time: 9:56
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 00:40 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-2
Sample location: 2nd Floor Water Fountain (207)
Sampled by: Client
Sample date: 04/09/16
Time: 09:57
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 00:46 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-3
Sample location: 1st Floor BR (106) Boys
Sampled by: Client
Sample date: 04/09/16
Time: 10:01
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 4.69 ug/L | 15 ug/L | 04/20/2016 | 00:52 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-4
 Sample location: Water Fountain (Supt. Off)
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:05
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 00:58 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-5
 Sample location: Boy's Bathroom (Supt. Off)
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:06
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 2.05 ug/L | 15 ug/L | 04/20/2016 | 01:04 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-6
 Sample location: 2nd Fl Water Fountain (214)
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:09
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 01:10 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-7
 Sample location: 2nd Floor BR (213) Girls
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:10
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 5.75 ug/L | 15 ug/L | 04/20/2016 | 01:21 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-8
 Sample location: Nurse Office Sink
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:11
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 01:28 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-9
Sample location: Girls Locker Room-Sink
Sampled by: Client
Sample date: 04/09/16
Time: 10:15
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 2.61 ug/L | 15 ug/L | 04/20/2016 | 01:40 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-10
Sample location: Art Room Sink
Sampled by: Client
Sample date: 04/09/16
Time: 10:16
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 02:02 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-11
Sample location: Gym Foyer Water Fountain
Sampled by: Client
Sample date: 04/09/16
Time: 10:17
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 3.72 ug/L | 15 ug/L | 04/20/2016 | 02:07 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-12
Sample location: Kitchen Sink (Café)
Sampled by: Client
Sample date: 04/09/16
Time: 10:21
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 02:13 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-13
Sample location: Boys Water Fountain (Café)
Sampled by: Client
Sample date: 04/09/16
Time: 10:22
Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 02:19 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-14
 Sample location: Girls Water Fountain (Café)
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:22
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | <2 ug/L | 15 ug/L | 04/20/2016 | 02:25 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-15
 Sample location: Library Office Sink
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:25
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 4.66 ug/L | 15 ug/L | 04/20/2016 | 02:31 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-16
 Sample location: Science Sink (Devlin)
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:26
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 24.7 ug/L | 15 ug/L | 04/20/2016 | 02:45 | 2 ug/L |

Sample description: Drinking Water / 1st Draw / DWSC1395-17
 Sample location: Band Room Sink
 Sampled by: Client
 Sample date: 04/09/16
 Time: 10:30
 Analyst: C. Malone

| Parameter | Method | Sample Result | NJDEP Limit | Date Analyzed | Time Analyzed | Reporting Limit |
|-----------|---------|---------------|-------------|---------------|---------------|-----------------|
| Lead | SM3113B | 4.42 ug/L | 15 ug/L | 04/20/2016 | 02:50 | 2 ug/L |

ug/L = micrograms per liter

Notes: (1) Analysis completed at time of collection by field sample technician

All testing was done within the required holding time.

I certify that these samples were analyzed in accordance with procedures approved by the New Jersey Department of Environmental Protection.

Susan Van Veen
 Susan VanVeen, Lab Manager
 NJ Laboratory Certification ID # 14013

4/25/16
 Date

CHAIN OF CUSTODY / SAMPLE ANALYSIS REQUEST

Email: toabackman@mped.k8.nj.us

Customer Name: Morris Plains - B report to: 1020

Address: 90 1/2 West Blackwell Street

County/Municipality: Ms Amy Barkman

Phone: Morris Plains School

Work: District

500 Speed Well Ave



Agra Environmental Services
90 1/2 West Blackwell Street
Dover, NJ 07801
Phone: (973) 989-0010
Fax: (973) 989-0156

Matrix Abbreviations: D - Drinking Water G - Groundwater W - Wastewater S - Soil SL - Sludge P - Pool L - Lake

Project: PWSID# NJ1406326 for laboratory use only

Page 1 of 2

| Field ID | Lab ID | Date | Time | Grab | Comp | Matrix | # of Bottles | Preservative | ANALYSIS REQUESTED | Cl ₂ | pH/T°C |
|----------|--------|--------|-------|------|------|--------|--------------|--------------|--------------------|-----------------|--------|
| 1 | | 4/9/16 | 9:56 | | | | | | Pb <2µg/L | 4/20 | 0040CM |
| 2 | | 4/9/16 | 9:57 | | | | | | Pb <2µg/L | | 0046 |
| 3 | | 4/9/16 | 10:01 | | | | | | Pb 4.6µg/L | | 0052 |
| 4 | | 4/9/16 | 10:05 | | | | | | Pb <2µg/L | | 0058 |
| 5 | | 4/9/16 | 10:06 | | | | | | Pb 2.05µg/L | | 0104 |
| 6 | | 4/9/16 | 10:09 | | | | | | Pb <2µg/L | | 0110 |
| 7 | | 4/9/16 | 10:10 | | | | | | Pb 5.75µg/L | | 0121 |
| 8 | | 4/9/16 | 10:11 | | | | | | Pb <2µg/L | | 0128 |
| 9 | | 4/9/16 | 10:15 | | | | | | Pb 2.61µg/L | | 0140 |
| 10 | | 4/9/16 | 10:16 | | | | | | Pb <2µg/L | | 0202 |

State Forms Needed (circle one): Yes or No

NJDEP Laboratory Certification (Dover, NJ) #14013

NJDEP Laboratory Certification (Marlboro, NJ) #13033

Reporting Requirements (Check Box):

NJ Reduced Other (Specify)

Sampled By (name/company): Mark Maire

Indicate laboratory location where analysis requested was performed

Cooler Temperature Upon Receipt at lab:

Sample Custody Exchanges (Please use full legal signature)

| Relinquished By: | Date: | Time: | Received By: | Date: | Time: |
|------------------|-------|-------|--------------|-------|-------|
| | | | | | |
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Scanned: 1st Draw

Date Faxed: 250 mL Sampler

Invoice Number: _____

Is sample known to be hazardous? (circle one)
Yes or No