

APPENDIX I

LABORATORY ANALYTICAL DATA



CERTIFICATE OF ANALYSIS

Customer : Brinkerhoff Environmental
1805 Atlantic Avenue
Manasquan, NJ 08736

Project ID : 14BR141 - Passaic
PAS Project ID : P16-1681

Matrix : Drinking Water
Report Date : 4/26/2016

| PAS Sample ID | Client ID | Analysis | Results | Units | DF | PQL | MDL | MCL | Method | Date Sampled | Date Analyzed |
|---------------|-----------------------------|----------|---------|-------|----|------|-------|--------|-----------|---------------|---------------|
| P16-1681-01 | PA-01A Kitchen Sink FD | Lead | ND | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 08:58 | 4/20/16 16:08 |
| P16-1681-02 | PA-01B Kitchen Sink FL | Lead | ND | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 08:58 | 4/20/16 16:17 |
| P16-1681-03 | PA-02A Faculty Room Sink FD | Lead | 0.676 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:04 | 4/20/16 16:29 |
| P16-1681-04 | PA-02ABFaculty Room Sink FL | Lead | ND | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:04 | 4/20/16 16:34 |
| P16-1681-05 | PA-03A Room 114 Sink FD | Lead | 0.722 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:09 | 4/20/16 17:08 |
| P16-1681-06 | PA-03B Room 114 Sink FL | Lead | 0.907 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:09 | 4/20/16 17:12 |
| P16-1681-07 | PA-04A Room 113 Sink FD | Lead | 0.907 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:13 | 4/20/16 17:16 |
| P16-1681-08 | PA-04B Room 113 Sink FL | Lead | 1.18 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:13 | 4/20/16 17:20 |
| P16-1681-09 | PA-05A Room 117 Sink FD | Lead | 1.37 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:19 | 4/20/16 17:24 |
| P16-1681-10 | PA-05B Room 117 Sink FL | Lead | ND | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:19 | 4/20/16 17:29 |
| P16-1681-11 | PA-06A Room 121 Sink FD | Lead | 125 | ug/L | 10 | 20.0 | 4.62 | 15.0 * | SM 3113 B | 4/16/16 09:26 | 4/20/16 17:54 |
| P16-1681-12 | PA-06B Room 121 Sink FL | Lead | 61.2 | ug/L | 10 | 20.0 | 4.62 | 15.0 * | SM 3113 B | 4/16/16 09:26 | 4/20/16 18:27 |
| P16-1681-13 | PA-07A Room 122 Sink FD | Lead | 0.676 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:35 | 4/20/16 18:06 |
| P16-1681-14 | PA-07B Room 122 Sink FL | Lead | 0.584 J | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 09:35 | 4/20/16 18:31 |
| P16-1681-15 | PA-08 Field Blank | Lead | ND | ug/L | 1 | 2.00 | 0.462 | 15.0 * | SM 3113 B | 4/16/16 00:00 | 4/20/16 18:35 |

Except for the parameters tested, PAS makes no representation as to the fitness or quality of the water sample taken.

- PQL = Practical Quantitation Limit
- MDL = Minimum Detection Limit
- MCL = Maximum Contaminant Level
- DF = Dilution Factor
- ND = Analyzed for but not detected
- B = Compound found in blank and samples
- E = Concentration exceeds calibration range
- J = Estimated result
- * Federal Action Level / EPA 3T's guidance 20 ug/L

All samples are analyzed in accordance with New Jersey Department of Environmental Protection Protocol

Mark D. Feitelson, Lab. Director



Specialists in Drinking Water Testing Technologies • Residential • Industrial • Municipal

PRECISION ANALYTICAL SERVICES, INC.

2181 WHITEVILLE ROAD TOMS RIVER, NJ 08786 PHONE 732-914-1915 FAX 732-914-1916

CHAIN OF CUSTODY

Project Name: 14BR141
 School Name: PASSAIC
 Sampled By: C. GLOWACKI
 Print Name:
 RESULTS TO: gfleming@brinkenv.com

Customer: Brinkerhoff Environmental Services, Inc.
 Address: 1805 Atlantic Avenue, Manasquan, NJ 08736
 Phone: (732) 223-2225

| Sample ID | Location | Date/Time | Matrix Code | Grab or Comp | # of Containers | Glass or Plastic | pH < 2 | Analysis Required | LAB ID |
|-----------|----------------------|--------------|-------------|--------------|-----------------|------------------|--------|-------------------|-------------|
| PA-01A | Kitchen Sink FD | 4/18/16 0858 | DW | Grab | 1 | P | | Total Lead | P16-1681-01 |
| PA-01B | ↓ FL | 0858 | DW | Grab | 1 | P | | Total Lead | -02 |
| PA-02A | Faculty Room Sink FD | 0904 | DW | Grab | 1 | P | | Total Lead | -03 |
| PA-02B | ↓ FL | 0904 | DW | Grab | 1 | P | | Total Lead | -04 |
| PA-03A | Room 114 Sink FD | 0909 | DW | Grab | 1 | P | | Total Lead | -05 |
| PA-03B | ↓ FL | 0909 | DW | Grab | 1 | P | | Total Lead | -06 |
| PA-04A | Room 113 Sink FD | 0913 | DW | Grab | 1 | P | | Total Lead | -07 |
| PA-04B | ↓ FL | 0913 | DW | Grab | 1 | P | | Total Lead | -08 |
| PA-05A | Room 117 Sink FD | 0919 | DW | Grab | 1 | P | | Total Lead | -09 |
| PA-05B | ↓ FL | 0919 | DW | Grab | 1 | P | | Total Lead | -10 |
| PA-06A | Room 121 Sink FD | 0926 | DW | Grab | 1 | P | | Total Lead | -11 |
| PA-06B | ↓ FL | 0926 | DW | Grab | 1 | P | | Total Lead | -12 |
| PA-07A | Room 122 Sink FD | 0935 | DW | Grab | 1 | P | | Total Lead | -13 |
| PA-07B | ↓ FL | 0935 | DW | Grab | 1 | P | | Total Lead | -14 |
| PA-08 | Field Blank | ↓ - | DW | Grab | 1 | P | | Total Lead | P16-1681-15 |

Page 1 of 1 Deliverables: PDF Std., PDF Reduced, PDF Full, EDD, Excel Results
 Date/Time Preserved with HNO3: 4/18/16 0940

MATRIX CODES: GW = Ground Water, WW = Waste Water, SW = Surface Water, DW = Drinking Water, S = Soil, L = Liquid, SD = Sludge, B = Blank, K = Solid (specify):

PRESERVATIVE CODES: 0 = Ice, 1 = HCl, 2 = H2SO4, 3 = NaOH, 4 = HNO3, 5 = Other

| | Signature: | Organization | Date + Time |
|--------------------------------|--------------------|--------------|-------------------|
| Relinquished: <i>JOE SERIO</i> | <i>[Signature]</i> | Brinkerhoff | 04/18/2016 @ 0900 |
| Received: <i>Lynn Souza</i> | <i>[Signature]</i> | PAS | |
| Relinquished: | | | |
| Received: | | | |
| Relinquished: | | | |
| Received: | | | |

Samples rec'd unpreserved.
 Preserved in lab.