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October 24, 2023

Dear Newark Tech Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and in compliance with the Department of Education regulations, Essex County Schools of Technology tested our schools' new facility's drinking water for lead in September 2023.

In accordance with the Department of Education regulations, Newark Tech will implement immediate remedial measures for any drinking water outlet with a result greater than the US Environmental Protection Agency established action level of 15 µg/l (parts per billion [ppb]) for lead. This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Essex County Schools of Technology schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 44 samples taken, all but 3 tested below the lead action level of 15 ppb. Only one of these 3 is a drinking water outlet.

The table below identifies the outlets that tested above 15 ppb for lead, the actual lead level, and what temporary remedial action Essex Schools of Technology has taken to reduce the levels of lead at these locations.

| Field ID | Conc. (ug/L) | Comments |
|-------------------|--------------|--|
| 01-POE- IN-106A-F | 256 | Point of entry sample. Stagnant, faucet is not in use. This is NOT a drinking water outlet. No drinking water outlet nearby. No remediation required. |
| 02-CR-IN-231-WF-A | 19.2 | Drinking water fountain was disconnected at the time of the sampling and was stagnant before the sampling event. Exceedance possible due to stagnancy since the outlet is not in use. <u>Outlet taken out of commission permanently.</u> |

ESSEX COUNTY VOCATIONAL TECHNICAL SCHOOLS WAS ORGANIZED IN 1923

60 NELSON PLACE, 1 NORTH, NEWARK, NJ 07102 -TELEPHONE (973) 412-2050 - FAX (973) 242-3041

www.essextech.org

Health Effects of Lead

Lead can cause serious health problems if too much enters your body from drinking water or other sources. It can cause damage to the brain and kidneys and can interfere with the production of red blood cells that carry oxygen to all parts of your body. The greatest risk of lead exposure is to infants, young children, and pregnant women. Scientists have linked the effects of lead on the brain with lowered IQ in children. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults. Lead is stored in the bones, and it can be released later in life. During pregnancy, the child receives lead from the mother's bones, which may affect brain development.

In other words, it is the fetus that is at risk because developing fetuses receive lead from the mother's bones. Children and fetuses absorb more lead into their bodies than adults and are more susceptible to its effects on brain development; however, most children with elevated blood lead levels do not exhibit any symptoms, but effects may appear later in life.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and household plumbing. These materials include lead-based solder used to join copper pipes, brass, and chrome-brass faucets, and in some cases, pipes made of or lined with lead.

When water remains in contact with lead pipes or plumbing materials containing lead over time, the lead may dissolve into your drinking water. This means the first water drawn from the tap in the morning, or later in the afternoon if the water has not been used all day, may contain elevated levels of lead.

- Homes and buildings in New Jersey built before 1987 are more likely to have lead pipes and/or lead solder.
- Service lines, which may also contain lead, are the individual pipes that run from the well to a home or building. The property owner may also be the owner of the service line. Lead service lines are not typically found in non-community systems (e.g., school, office, restaurant, or other buildings on their own well).
- Brass faucets, fittings, and valves, including those advertised as "lead-free", may also contribute lead to drinking water. The law currently allows end-use brass fixtures, such as faucets, that contain a maximum of 0.25 percent lead to be labeled as "lead free". However, prior to January 4, 2014, "lead free" allowed up to 8 percent lead content of the wetted surfaces of plumbing products including those labeled National Sanitation Foundation (NSF) certified. Consumers should be aware of their current fixtures and take appropriate precautions.

Lead in Drinking Water

Lead is a common metal found in the environment. Drinking water is one possible source of lead exposure. The main sources of lead exposure are lead-based paint and lead-contaminated dust or soil. In addition, lead can be found in certain types of pottery, pewter, brass fixtures, cosmetics, imported spices and other food. Other sources include exposure in the workplace and exposure from certain hobbies like shooting ranges and fishing (lead can be carried on clothing or shoes). Lead is found in some toys, some playground equipment, and some children's metal jewelry.

EPA estimates that 10 to 20 percent of a person's potential exposure to lead may come from drinking water. Infants who consume mostly formula mixed with lead-containing water may receive 40 to 60 percent of their exposure to lead from drinking water. When there are elevated levels of lead in your water, drinking water is likely to be a more important source of exposure.

For More Information

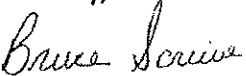
A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8 a.m. and 3 p.m. and are also available on our

website. For more information about water quality in our schools, contact Bruce Scrivo at Facilities & Operations, 973-412-2258.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD or Safe Drinking Water Act hotline at 1-800-426-4791, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

A handwritten signature in cursive script that reads "Bruce Scrivo".

Bruce Scrivo,
Director of Facilities & Operations



CERTIFICATE OF ANALYSIS

Customer : Essex County Board of Education
60 Nelson Place, 1st Floor North
Newark, NJ 07102

Project ID : Essex County Voc. School, 91 West Market St., Newark, NJ 07103
PAS Project ID : P23-11909

Matrix : Drinking Water
Report Date : 10/16/2023

| PAS Sample ID | Client ID | Analysis | Results | Units | DF | PQL | MDL | MCL | Method | Date Sampled | Date Analyzed |
|---------------|---------------------|----------|---------|-------|----|------|-------|--------|-----------|---------------|----------------|
| P23-11909-01 | Field Blank | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:05 | 10/11/23 10:11 |
| P23-11909-02 | 01-POE- IN-106A-F | Lead | 256 | ug/L | 50 | 100 | 45.0 | 15.0 * | SM 3113 B | 10/7/23 08:12 | 10/11/23 10:35 |
| P23-11909-03 | 01-HA-IN-100W-WF-A | Lead | 1.74 J | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:15 | 10/11/23 10:51 |
| P23-11909-04 | 01-HA-IN-100W-WF-B | Lead | 2.79 | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:16 | 10/11/23 10:54 |
| P23-11909-05 | 01-FL-IN-Office-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:18 | 10/11/23 11:19 |
| P23-11909-06 | 01-OF-IN-126A-F | Lead | 2.79 | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:20 | 10/11/23 11:23 |
| P23-11909-07 | 01-MO-IN-128B-F | Lead | 1.31 J | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:22 | 10/11/23 11:27 |
| P23-11909-08 | 01-MO-IN-128-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:23 | 10/11/23 11:31 |
| P23-11909-09 | 01-CR-IN-120-WF-A | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:24 | 10/11/23 11:35 |
| P23-11909-10 | 01-CR-IN-120-WF-B | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:25 | 10/11/23 11:39 |
| P23-11909-11 | 01-HA-IN-102A-WF-A | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:28 | 10/11/23 11:44 |
| P23-11909-12 | 01-HA-IN-102A-WF-B | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:29 | 10/11/23 11:48 |
| P23-11909-13 | 01-GYM-IN-121A-WF-A | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:31 | 10/11/23 11:52 |
| P23-11909-14 | 01-GYM-IN-121A-WF-B | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:32 | 10/11/23 12:11 |
| P23-11909-15 | 01-GYM-IN-114A-WF-A | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:33 | 10/11/23 12:15 |
| P23-11909-16 | 01-GYM-IN-114A-WF-B | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:34 | 10/11/23 12:19 |
| P23-11909-17 | 02-HA-IN-200W-WF-A | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:38 | 10/11/23 12:23 |
| P23-11909-18 | 02-HA-IN-200W-WF-B | Lead | 1.53 J | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:39 | 10/11/23 12:31 |
| P23-11909-19 | 02-HA-IN-200E-WF-A | Lead | 4.06 | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:41 | 10/11/23 12:35 |
| P23-11909-20 | 02-HA-IN-200E-WF-B | Lead | 9.55 | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:42 | 10/11/23 12:39 |
| P23-11909-21 | 02-CR-IN-231-WF-A | Lead | 19.2 | ug/L | 5 | 10.0 | 4.50 | 15.0 * | SM 3113 B | 10/7/23 08:44 | 10/11/23 13:04 |
| P23-11909-22 | 02-MO-IN-220A-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:45 | 10/11/23 13:20 |

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
J = Estimated result
* Federal Action Level

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

Mark D. Feitelson, Lab. Director



CERTIFICATE OF ANALYSIS

Customer : Essex County Board of Education
60 Nelson Place, 1st Floor North
Newark, NJ 07102

Project ID : Essex County Voc. School, 91 West Market St., Newark, NJ 07103
PAS Project ID : P23-11909

Matrix : Drinking Water
Report Date : 10/16/2023

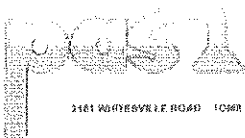
| PAS Sample ID | Client ID | Analysis | Results | Units | DF | PQL | MDL | MCL | Method | Date Sampled | Date Analyzed |
|---------------|------------------------|----------|---------|--------|----|------|-------|--------|-----------|---------------|----------------|
| P23-11909-22 | 02-MO-IN-220A-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:45 | 10/11/23 13:20 |
| P23-11909-23 | 03-FL-IN-309-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:52 | 10/11/23 13:24 |
| P23-11909-24 | 03-HA-IN-300W-WF-A | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:54 | 10/11/23 13:28 |
| P23-11909-25 | 03-HA-IN-300W-WF-B | Lead | 1.53 | J ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:55 | 10/11/23 13:32 |
| P23-11909-26 | 03-HA-IN-300E-WF-A | Lead | 1.53 | J ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:58 | 10/11/23 13:40 |
| P23-11909-27 | 03-HA-IN-300E-WF-B | Lead | 1.38 | J ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 08:59 | 10/12/23 11:19 |
| P23-11909-28 | 03-KI-IN-302-HW-A | Lead | 1.53 | J ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:08 | 10/11/23 14:01 |
| P23-11909-29 | 03-KI-IN-302-F-B | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:09 | 10/11/23 14:05 |
| P23-11909-30 | 03-KI-IN-302-HW-C | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:10 | 10/11/23 14:09 |
| P23-11909-31 | 03-KI-IN-304-HW-A | Lead | 2.79 | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:11 | 10/11/23 14:13 |
| P23-11909-32 | 03-KI-IN-304-F-B | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:12 | 10/11/23 14:17 |
| P23-11909-33 | 03-KI-IN-304-HW-C | Lead | 1.10 | J ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:13 | 10/11/23 14:21 |
| P23-11909-34 | 03-KI-IN-304-F-D | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:14 | 10/11/23 14:26 |
| P23-11909-35 | 03-KI-IN-304-F-E | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:15 | 10/11/23 14:30 |
| P23-11909-36 | 03-KI-IN-304-F-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:16 | 10/11/23 14:42 |
| P23-11909-37 | 03-KI-IN-304-F-G | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:17 | 10/11/23 14:46 |
| P23-11909-38 | 03-KI-IN-304-HW-H | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:18 | 10/11/23 14:50 |
| P23-11909-39 | 03-KI-IN-304-ST-1 | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:20 | 10/11/23 14:54 |
| P23-11909-40 | 03-KI-IN-304-IM-J | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:22 | 10/11/23 14:58 |
| P23-11909-41 | 03-TL-IN-302A-F | Lead | ND | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:25 | 10/11/23 15:02 |
| P23-11909-42 | 04-HA-IN-400W-WF-A | Lead | 1.74 | J ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:28 | 10/11/23 15:06 |
| P23-11909-43 | 04-HA-IN-400W-WF-B | Lead | 2.79 | ug/L | 1 | 2.00 | 0.900 | 15.0 * | SM 3113 B | 10/7/23 09:29 | 10/11/23 15:34 |
| P23-11909-44 | 01-POE-IN-106A-F-FLUSH | Lead | 89.1 | ug/L | 10 | 20.0 | 8.99 | 15.0 * | SM 3113 B | 10/7/23 09:51 | 10/11/23 16:00 |

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
J = Estimated result
* Federal Action Level

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

Mark D. Feitelson, Lab. Director



PRECISION ANALYTICAL SERVICES, INC.

PRECISION ANALYTICAL SERVICES, INC.

2161 WYOMINGVILLE ROAD TOMS RIVER NJ 08755 PHONE 732-916-1515 FAX 732-916-1816

CHAIN OF CUSTODY

Customer: Essex County Board of Education
 Address: 60 Nelson Place, 1st Floor North
 Newark, NJ 07102
 Phone: 973-412-2050 929-428-2520 Basit

School Name: Essex County Voc. School
 School Address: 91 West Market St., Newark, NJ 07103
 Sampled By: B-R
 Print Name: BASIT REHMAN
 RESULTS TO: basit.rehman@gmail.com

| Sample ID Location | Date/Time Sampled | Matrix Code | Grab or Comp | Flush Sample | Filter Percent | # Container | Glass or Plastic | Analysis | LAB ID |
|---|-------------------|-------------|--------------|--------------|----------------|-------------|------------------|----------|--------------|
| FIELD BLANK | 8:05 AM | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | P23 11909-01 |
| 01 - POE - IN - 106A - F | 8:12 AM | DW | Grab | N | N | 2 | 250 ml Plastic | Lead | -02 |
| 01 - HA - IN - 100W - WF - A | 8:15 AM | DW | Grab | Y | N | 3 | 250 ml Plastic | Lead | -03 |
| 01 - HA - IN - 100W - WF - B | 8:16 AM | DW | Grab | N | N | 4 | 250 ml Plastic | Lead | -04 |
| 01 - FL - IN - OFFICE - F | 8:18 AM | DW | Grab | Y | N | 5 | 250 ml Plastic | Lead | -05 |
| 01 - OF - IN - 126A - F | 8:20 AM | DW | Grab | N | N | 6 | 250 ml Plastic | Lead | -06 |
| 01 - MO - IN - 128B - F | 8:22 AM | DW | Grab | N | N | 7 | 250 ml Plastic | Lead | -07 |
| 01 - MO - IN - 128 - F | 8:23 AM | DW | Grab | N | N | 8 | 250 ml Plastic | Lead | -08 |
| 01 - CR - IN - 120 - WF - A | 8:24 AM | OW | Grab | N | N | 9 | 250 ml Plastic | Lead | -09 |
| 01 - CR - IN - 120 - WF - B | 8:25 AM | DW | Grab | N | N | 10 | 250 ml Plastic | Lead | -10 |
| 01 - HA - IN - 102A - WF - A | 8:28 AM | DW | Grab | N | N | 11 | 250 ml Plastic | Lead | -11 |
| 01 - HA - IN - 102A - WF - B | 8:29 AM | DW | Grab | N | N | 12 | 250 ml Plastic | Lead | -12 |
| 01 - HA - IN - 102A - WF - C | | DW | Grab | N | N | 13 | 250 ml Plastic | Lead | |
| 01 - HA - IN - 102A - WF - D | | DW | Grab | N | N | 14 | 250 ml Plastic | Lead | |
| 01 - GYM - IN - 121A - WF - A | 8:31 AM | DW | Grab | N | N | 15 | 250 ml Plastic | Lead | -13 |

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

Page 1 of 4 Deliverables: PDF Std. PDF Reduce PDF Full EDD (also filed) - Preserved with notes

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):

PRESERVATION: 0 = Ice 1 = HCl
 VE 2 = H2SO4 3 = NaOH
CODES: 4 = HNO3 5 = Other

| | Print Name: | Signature: | Date + Time |
|---------------|--------------|--------------------|--------------------|
| Relinquished: | BASIT REHMAN | <i>[Signature]</i> | 10/19/23 12:45 PM |
| Received: | Jerry Hooper | <i>[Signature]</i> | JTC 10/19/23 1356 |
| Relinquished: | Jerry Hooper | <i>[Signature]</i> | OTC 10/19/23 1643 |
| Received: | Jessiah Amin | Jessiah Amin | PAS 10/19/23 17:10 |
| Relinquished: | | | |
| Received: | | | |



PRECISION ANALYTICAL SERVICES, INC

2161 WHITEAVENUE ROAD TOWNSHIP OF BERGEN, NJ 07005 PHONE 732-214-1515 FAX 732-916-1014

CHAIN OF CUSTODY

Customer: Essex County Board of Education
 Address: 60 Nelson Place, 1st Floor North
 Newark, NJ 07102
 Phone: 973-412-2050 929-428-2520 Basit

School Name: Essex County Voc School
 School Address: 91 West Market St., Newark, NJ 07103
 Sampled By: B.R.
 Print Name: BASIT REHMAN
 RESULTS TO: basit.rehman@gmail.com

| Sample ID Location | Date / Time Sampled | Matrix Code | Grab or Comp | Flush Sample | Filter Pre-Filter | # Container | Glass or Plastic | Analysis | LAB ID |
|---|---------------------|-------------|--------------|--------------|-------------------|-------------|------------------|----------|--------------|
| O1 - GYM - IN - 121 A - WF - B | 8:32AM | DW | Grab | N | N | 16 | 250 ml Plastic | Lead | 723-11909-14 |
| O1 - GYM - IN - 121 A - WF - C | (NO SAMPLE) | DW | Grab | N | N | 17 | 250 ml Plastic | Lead | |
| O1 - GYM - IN - 121 A - WF - D | | DW | Grab | Y | N | 18 | 250 ml Plastic | Lead | |
| O1 - GYM - IN - 114 A - WF - A | 8:33AM | DW | Grab | N | N | 19 | 250 ml Plastic | Lead | -15 |
| O1 - GYM - IN - 114 A - WF - B | 8:34AM | DW | Grab | Y | N | 20 | 250 ml Plastic | Lead | -16 |
| O1 - GYM - IN - 114 A - WF - C | (NO OUTLET) | DW | Grab | N | N | 21 | 250 ml Plastic | Lead | |
| O1 - GYM - IN - 114 A - WF - D | | DW | Grab | N | N | 22 | 250 ml Plastic | Lead | |
| O2 - HA - IN - 200 W - WF - A | 8:38AM | DW | Grab | N | N | 23 | 250 ml Plastic | Lead | -17 |
| O2 - HA - IN - 200 W - WF - B | 8:39AM | DW | Grab | N | N | 24 | 250 ml Plastic | Lead | -18 |
| O2 - HA - IN - 200 E - WF - A | 8:41AM | DW | Grab | N | N | 25 | 250 ml Plastic | Lead | -19 |
| O2 - HA - IN - 200 E - WF - B | 8:42AM | DW | Grab | N | N | 26 | 250 ml Plastic | Lead | -20 |
| O2 - CR - IN - 231 - WF - A | 8:44AM | DW | Grab | N | N | 27 | 250 ml Plastic | Lead | -21 |
| O2 - CR - IN - 231 - WF - B | | DW | Grab | N | N | 28 | 250 ml Plastic | Lead | |
| O2 - MO - IN - 220 A - F | 8:45AM | DW | Grab | N | N | 29 | 250 ml Plastic | Lead | -22 |
| O3 - FL - IN - 309 - F | 8:52AM | DW | Grab | N | N | 30 | 250 ml Plastic | Lead | 723-11909-23 |

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

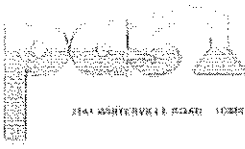
PDF Std. PDF Reduce PDF Full EDD Date/Time Preserved with (DDMMYY)

Page 1 of 1 Deliverables: X

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)

PRESERVATION CODES: 0 = Ice 1 = HCl 2 = H2SO4 3 = HNO3 4 = HNO3 5 = Other

| | Print Name: | Signature: | Date + Time |
|---------------|-----------------|--------------------|--------------------|
| Relinquished: | BASIT REHMAN | <i>[Signature]</i> | 10/9/23 1:45 PM |
| Received: | Jerry Hodges | <i>[Signature]</i> | PTL 10/9/23 13:56 |
| Relinquished: | Jerry Hodges | <i>[Signature]</i> | PTL 10/19/23 16:53 |
| Received: | Jedediah M. ... | <i>[Signature]</i> | PAS 10/19/23 17:10 |
| Relinquished: | | | |
| Received: | | | |



Precision Analytical Services, Inc.
 2164 Ashburnville Road, Tomer River, NJ 07095 Phone: 973-664-1515 Fax: 973-664-1810

CHAIN OF CUSTODY

Customer: Essex County Board of Education
 Address: 60 Nelson Place, 1st Floor North
 Newark, NJ 07102
 Phone: 973-412-2050 929-428-2520 Basit

School Name: Essex County Voc. School
 School Address: 91 West Market St., Newark, NJ 07103
 Sampled By: BR
 Print Name: BASIT REHMAN
 RESULTS TO: basit.rehman@gmail.com

| Sample ID Location | Date / Time Sampled | Matrix Code | Grab or Comp | Flush Sample | Filter Present | # Container | Glass or Plastic | Analysis | LAB ID |
|---|---------------------|-------------|--------------|--------------|----------------|-------------|------------------|----------|--------------|
| 03 - HA - IN - 300 W - WF - A | 8:54 AM | DW | Grab | N | N | 31 | 250 ml Plastic | Lead | 223-11909-24 |
| 03 - HA - IN - 300 W - WF - B | 8:55 AM | DW | Grab | N | N | 32 | 250 ml Plastic | Lead | 223-11909-25 |
| 03 - HA - IN - 300 E - WF - A | 8:58 AM | DW | Grab | Y | N | 33 | 250 ml Plastic | Lead | -26 |
| 03 - HA - IN - 300 E - WF - B | 8:59 AM | DW | Grab | N | N | 34 | 250 ml Plastic | Lead | -27 |
| 03 - KI - IN - 302 - H.W - A | 9:08 AM | DW | Grab | Y | N | 35 | 250 ml Plastic | Lead | -28 |
| 03 - KI - IN - 302 - F - B | 9:09 AM | DW | Grab | N | N | 36 | 250 ml Plastic | Lead | -29 |
| 03 - KI - IN - 302 - HW - C | 9:10 AM | DW | Grab | N | N | 37 | 250 ml Plastic | Lead | -30 |
| 03 - KI - IN - 304 - HW - A | 9:11 AM | DW | Grab | N | N | 38 | 250 ml Plastic | Lead | -31 |
| 03 - KI - IN - 304 - F - B | 9:12 AM | DW | Grab | N | N | 39 | 250 ml Plastic | Lead | -32 |
| 03 - KI - IN - 304 - HW - C | 9:13 AM | DW | Grab | N | N | 40 | 250 ml Plastic | Lead | -33 |
| 03 - KI - IN - 304 - F - D | 9:14 AM | DW | Grab | N | N | 41 | 250 ml Plastic | Lead | -34 |
| 03 - KI - IN - 304 - F - E | 9:15 AM | DW | Grab | N | N | 42 | 250 ml Plastic | Lead | -35 |
| 03 - KI - IN - 304 - F - F | 9:16 AM | DW | Grab | N | N | 43 | 250 ml Plastic | Lead | -36 |
| 03 - KI - IN - 304 - F - G F - G | 9:17 AM | DW | Grab | N | N | 44 | 250 ml Plastic | Lead | -37 |
| 03 - KI - IN - 304 - HW - H HW - H | 9:18 AM | DW | Grab | N | N | 45 | 250 ml Plastic | Lead | 223-11909-38 |

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB.

PDF Std. PDF Reduce PDF Full EDD

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Deliverables:

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):

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

| | Print Name: | Signature: | Company: | Date + Time |
|---------------|-----------------|--------------------|----------|------------------|
| Relinquished: | BASIT REHMAN | <i>[Signature]</i> | | 10/19/23 1:45 PM |
| Received: | Berry Macfos | <i>[Signature]</i> | OTL | 10/19/23 1:56 |
| Relinquished: | Berry Macfos | <i>[Signature]</i> | OTL | 10/19/23 1:56 |
| Received: | Jedediah Conner | Jedediah Conner | OTL | 10/19/23 17:00 |
| Relinquished: | | | | |
| Received: | | | | |



Version 4 (Drinking Water Testing Methods) & Method 4 - Method 4

PRECISION ANALYTICAL SERVICES, INC.

2101 WHITEVILLE ROAD TOMBS RIVER, NJ 08253 PHONE 732-244-1515 FAX 732-914-1518

**CHAIN
OF
CUSTODY**

Customer: Essex County Board of Education
 Address: 60 Nelson Place, 1st Floor North
 Newark, NJ 07102
 Phone: 973-412-2050 929-428-2520 Basit

School Name: Essex County Voc. School
 School Address: 91 West Market St., Newark, NJ 07103
 Sampled By: B.R.
 Print Name: BASIT REHMAN
 RESULTS TO: basit.rehman@gmail.com

| Sample ID Location | Date / Time Sampled | Matrix Code | Grab or Comp | Flush Sample | Filter Present | # Container | Glass or Plastic | Analyte | LAB ID |
|-----------------------------------|---------------------|-------------|--------------|--------------|----------------|-------------|------------------|---------|---------------|
| 03 - KI - IN - 304 - ST - I | 9:20 AM | DW | Grab | N | N | 46 | 250 ml Plastic | Lead | 223-11909-39 |
| 03 - KI - IN - 304 - IM - J | 9:22 AM | DW | Grab | N | N | 47 | 250 ml Plastic | Lead | -40 |
| 03 - TL - IN - 302 A - F | 9:25 AM | DW | Grab | Y | N | 48 | 250 ml Plastic | Lead | -41 |
| 04 - HA - IN - 400 W - WF - A | 9:28 AM | DW | Grab | N | N | 49 | 250 ml Plastic | Lead | -42 |
| 04 - HA - IN - 400 W - WF - B | 9:29 AM | DW | Grab | Y | N | 50 | 250 ml Plastic | Lead | -43 |
| 04 - HA - IN - 400 E - WF - A | — | DW | Grab | N | N | 51 | 250 ml Plastic | Lead | PART OF ORDER |
| 04 - HA - IN - 400 E - WF - B | — | DW | Grab | N | N | 52 | 250 ml Plastic | Lead | |
| 01 - POE - IN - 100 A - F - FLUSH | 9:51 AM | DW | Grab | Y | N | 1 | 250 ml Plastic | Lead | 223-11909-44 |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |
| | | DW | Grab | N | N | 1 | 250 ml Plastic | Lead | |

SAMPLES REC'D UNPRESERVED. PRESERVED IN LAB

PDF Std. PDF Reduce PDF Full EDD
 Deliverables: X

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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):

PRESERVATION CODES:
 0 = Ice 1 = HCl
 VE 2 = H2SO4 3 = NADH
 CODES: 4 = Other 5 = Other

| | Print Name: | Signature: | Comments: | Date + Time |
|---------------|----------------------|-------------|-----------|-----------------|
| Relinquished: | BASIT REHMAN | [Signature] | | 10/9/23 1:45 PM |
| Received: | Perry Hudson | [Signature] | PTL | 10/10/23 1:56 |
| Relinquished: | Jedediah [Signature] | [Signature] | BTL | 10/16/23 1:08 |
| Received: | Jedediah [Signature] | [Signature] | PTL | 10/19/23 1:10 |
| Relinquished: | | | | |
| Received: | | | | |