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## LEAD IN DRINKING WATER REPORT

**Performed At:**

Princeton Charter School  
100 Bunn Drive, Princeton, NJ

**Performed For:**

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## **Introduction**

LEW Corporation was contracted by Princeton Charter School to test for the presence of lead in drinking water in three school buildings in the district.

## **Sampling Methodology**

LEW Corporation followed the July 13, 2016 amendments to NJAC 6A:26. Full details on sampling practices can be found in Districts Sampling Plan.

All samples were collected in 250mL wide mouth plastic containers that was prepackaged by the analytical laboratory. The sample containers may contain nitric acid, if expedited analysis is required. If not, nitric acid will be added to each sample upon arrival at the laboratory. At each sample location, the first draw sample was taken after it was determined that the water had been standing in the plumbing system for greater than eight hours but less than forty-eight hours. If second draw samples were collected, they were collecting following a flushing protocol outlined in the District's Sampling Plan.

## Drinking Water Results

On May 21, 2017, LEW Corporation collected the following number of water samples:

### 4-K Building

- 5 first draw samples collected and 1 quality control sample
- 0 samples above the 15ppb action level

### 5-8 Building

- 7 first draw samples and 1 quality control sample
- 0 samples above the 15ppb action level

### Campus Center

- 3 first draw samples and 1 quality control sample
- 0 samples above the 15ppb action level

The complete list of samples that exceeded the 15ppb limit can be found in Appendix A. The complete list of all sample results can be found in Appendix C. The laboratory results can be found in Appendix E.

Certain outlets could not or were not tested due to various reasons. The following table lists those locations and the reason why samples were not collected.

School	Sample Location	Reason for not testing
		None

## Recommendations

Those outlets where the first draw sample tested below 15ppb are not considered to be elevated and no mitigation is necessary.

For those outlets where the first draw sample exceeds 15ppb the following steps are recommended:

- 1) Immediately discontinue use of the outlets.
- 2) Conduct second draw (flush) samples on these outlets to further delineate source of contamination.

A complete list of recommendations per outlet can be found in Appendix B.

## **Additional Recommendations**

- 1) Follow-up samples should be collected after any remediation efforts in order to determine the efficacy of the work.
- 2) Any of the inoperable/non-functioning outlets listed above that are brought back into service should be sample.
- 3) Comply with all requirements set forth in NJAC 6A:26.

## Appendix A Exceedances

Building	Date Collected	Analysis Date	Sample ID	Sample Description	Concentration (ug/L) Or ppb
1 <sup>st</sup> Draw Samples					
<b>Princeton Charter School</b>					
None					

**Appendix B      Recommendations**

Building	Sample ID	Sample Description	Remediation Recommendation
<b>Princeton Charter School</b>			
NONE			