

Legionella Corrective Actions

Preventive Actions

Random testing of the potable water. Concentrate on the hot water side of the system.

Negative Results - No further action

Positive Results - Corrective action necessary

Testing of the incoming water supply – NJ American Water

Corrective Actions

Raised hot water tank temperature to 140 degrees or higher. Monitored and ensured that water supply temperatures are at the 140 degree set point.

Conducted plumbing system inspections. Looking for dead-end piping.

Dead-end piping - eliminated where found

Affected water sources (sinks, water fountain, showers, etc.)

- Removed aerators from sink faucets
- Cleaned water fixtures
- Replaced old fixtures
- Upgraded fixture piping supply lines
- Installed Nephros SSU-H or PALL filters where needed
- Chlorinated the hot water supply piping throughout the school
- Re-tested to ensure that the corrective measures have eliminated the legionella
- Installed filters on shower heads where needed.
- Eliminated shower heads where applicable
- Water fountains – cleaned, installed filters (where applicable) and tested

Continued Actions

Develop a Water Management Plan (WMP).

Change out the existing filters (showers, sinks, water fountains), where needed, minimally once per year or as needed as part of the WMP.

Flush the hot and cold domestic water piping twice per year as part of the WMP.

Investigate any possible long-term water remediation plan to eliminate the legionella bacteria in the water supply piping and fixtures where it still minimally exists (HS and Edison).