

**Attachment Q.1.c –
Flushing Plan for Refurbished / New Schools**

To: Marc Walsh, Seattle Schools	
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CC: Ron English, Seattle Schools Ed Heller, Seattle Schools	
Date: September 13, 2005	Job No: 27045

RE: Flushing Plan for Refurbished / New Schools

This memo outlines the general plan for performing flushing of schools that are either new or have refurbished piping and fixtures prior to water quality testing (commissioning). The intent of the flushing program is to expose the new plumbing materials to fresh water to help age (or passivate) the brass components to reduce lead leaching and to flush-out particles in the piping or fixtures that may contribute to lead levels.

The Flushing Plan is as follows:

1. BTA will notify Maintenance when a refurbished / new school is complete and ready for flushing.
2. Maintenance will schedule the flushing for a Friday/Saturday period on particular dates and will provide appropriate personnel for continuous operation and monitoring of the flushing.
3. An entire school will be flushed for 24 hours continuous starting on a Friday night and ending the following Saturday. On the following Monday, a sampling crew will perform the standard 2-minute flush of all fixtures and then sample on Tuesday morning after the typical 16-hour standing time.
4. Flushing during the 24-hour period will be done for:
 - All bubblers in classrooms (if applicable) and other locations. For classroom sinks with a combination bubbler and faucet, flush the faucet for about 2 minutes, then turn off, flush the bubbler continuously for the 24 hours.
 - All sink faucets at kitchens, nurse stations, and classroom sinks without bubblers. For secondary schools with science or home-ec sinks, flush these sink faucets for about 2 minutes, then turn off.
 - At every restroom or locker room, choose one sink and flush for the 24 hours to help move fresh water throughout the school.
5. Keep a log or record of which fixtures were flushed.

