

# Water Quality Testing Report 2021

## Henry David Thoreau Elementary

The health and safety of our students and the school community is a top priority for Lake Washington School District (LWSD).

To protect public health, the U.S. Environmental Protection Agency (EPA) has set the standards for the amount of lead in drinking water. If lead is found at any drinking water outlet in a school at levels above 15 parts per billion (ppb), the EPA recommends taking action to reduce the lead concentrations.

LWSD follows RCW 28A.210.410 which sets the threshold to take action on any drinking fixtures that test over 5ppb. These action levels are not measures of health effects, but are signals to take steps to reduce the amount of lead in drinking water.

LWSD has developed a water quality testing program to manage drinking water fixtures district-wide. All drinking water fixtures are sampled for lead content, utilizing the standards prescribed in RCW 28A.210.410. Below is information about how the testing process works and results for **Henry David Thoreau Elementary**.

## How the Testing Process Works

### Step 1



All water outlets are inventoried and coded with a QR code. This code identifies location, condition, manufacturer, type and maintenance history of the outlet.

### Step 2



Repair/replacement plan, if applicable.

### Step 3



Water sampling, if fixture is used for drinking water.

### Step 4



Remedial steps if result of sample exceeds 5ppb for lead.

### Step 5



Resampling of drinking water fixtures to ensure they are below 5ppb for lead.

## Thoreau Elementary Water Quality Testing Results

### Initial Water Quality Tests

Performed on 7/13/2021.

- 29** Drinking water fixtures sampled
- 1\*** Fixture sample in excess of 5ppb for lead

\*The fixture that exceeded 5ppb was replaced and retested. See the retest results on the right.

### Water Quality Retest

Performed on 8/4/2021

- 1** Drinking water fixture sampled
- 0** Fixture samples in excess of 5ppb for lead