

**Lead Levels in First-Draw Drinking Water Samples  
at Enfield Elementary School  
Ithaca City School District**

*2005 Test Results*

Location of Sample / Sample Description	Lead Level* [parts per billion (ppb), or micrograms per liter (µg/L)]
Hall 1 Drinking Fountain	14.50
Room 2 Drinking Fountain	9.99
Room 4 Drinking Fountain	10.60
Room 6 Drinking Fountain	10.10
Room 8 Drinking Fountain	18.20
Room 13 (Medical Office) Cold Water Faucet	6.96
Hall 15 Drinking Fountain	79.70
Room 23 (Staff Lounge) Cold Water Faucet	17.70
Room 29 Drinking Fountain	448.00
Room 33 Drinking Fountain	13.30
Room 34 Drinking Fountain	15.60
Room 35 (Kitchen) Cold Water Faucet	18.30
Hall A1 Water Cooler	9.08
Room A3 Drinking Fountain	30.20
Room A6 Drinking Fountain	23.00
Room A11 Drinking Fountain	19.90
Room A12 Drinking Fountain	21.50
Room A13 Drinking Fountain	8.41
Room A14 Drinking Fountain	19.20
Room A15 Drinking Fountain	14.40
Room A16 Drinking Fountain	17.30

Room A17 Drinking Fountain	175.00
Hall B1 Short Water Cooler	18.40
Hall B1 Tall Water Cooler	1.69
Room B4 Drinking Fountain	4.72
Room B8 Drinking Fountain	3.42
Room B9 Drinking Fountain	5.71
Room B13 Drinking Fountain	4.25
Room B14 Drinking Fountain	3.39

\*The EPA action level for lead in school drinking water is 20 ppb, or 20 µg/L.

Note: All samples were collected the morning of August 2, 2005.

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*2005 Test*

<b>Location of Sample / Sample Description</b>	<b>Lead Level*</b> [parts per billion (ppb), or micrograms per liter (µg/L)]
Room 29 Drinking Fountain <sup>1</sup>	<b>448.00</b>
Room 29 Drinking Fountain - 30 second flush <sup>2</sup>	<b>1.90</b>
Room 29 Drinking Fountain - 2 minute flush <sup>2</sup>	<b>2.60</b>

\*The EPA action level for lead in school drinking water is 20 ppb, or 20 µg/L.

<sup>1</sup>Sample was collected the morning of August 2, 2005.

<sup>2</sup>Sample was collected the morning of September 21, 2005.

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Both of the follow-up samples taken after 30 seconds and 2 minutes of flushing respectively were well below the EPA action level of 20 ppb. Even though the 2 minute flush lead level is slightly higher than the 30 second flush lead level, the lab reports that at these low levels, there is no statistical difference between the two levels.