About this project:

Maine and New Hampshire have among the highest per capita reliance on private wells for drinking water in the United States (ME: 56% and NH: 40%). Approximately 10% of Maine wells and 20% of New Hampshire wells have elevated levels of arsenic, yet well water testing rates are low in both states.

MDI Biological Laboratory received a NIH-NIGMS Science Education Partnership Award (SEPA) to create and pilot a national model of STEM (Science, Technology, Engineering, and Math) education. The project, "Data to Action: A Secondary School-Based Citizen Science Project to Address Arsenic Contamination of Well Water" will engage students as citizen scientists and provide them with the tools and skills to make sense of data so that their results can lead to change in their communities. Check out http://www.allaboutarsenic.org/ for more information!

Sampler Information

School Name: _____

Guardian Name: _____

Student Name: _____

Street Address: _____

City: _____ **State:** _____ **ZIP:**_____

Well Type (circle one):

Dug (~10-30 ft deep) Driven (~30-50 ft deep) Drilled (~ 50+ ft deep)

Other I don't know Public drinking water supply

Have you ever tested your water for arsenic before? Yes No

Permission to Share Data:
The Maine Center for Disease Control and Prevention (CDC) and the New Hampshire Department of Environmental Services (DES) are interested in the data collected as part of this project so that they can better serve the public health needs of each state. They will keep your data confidential. May we share your data with them?

Yes No

**Your name, your student's name, your street address, and your preference for sharing data with the Maine Center for Disease Control and Prevention (CDC) and the New Hampshire Department of Environmental Services (DES) will never be publicly available. It is visible only to you on Anecdata.org, an online citizen science platform. Sample locations will be obscured to a distance of two miles and the exact location will only be visible to you.*

Well Water Information

Sample number (YYYY-###): _____

Sample date: _____

Sample time: _____

Sample Location: Kitchen Bathroom Outside Other

Was the sample filtered? Yes No I don't know

Type of filtration system: No filter It filters drinking water only

It filters all household water Other I don't know

If you currently filter your water, please explain how and why (i.e. whole house filter for iron):

_____

_____

Results:

Well water analyses will be uploaded to your observation on Anecdata.org. Your child's teacher will let you know when the results are in, and it is up to you to log back in to the All About Arsenic project on Anecdata.org and enter your sample number in the search bar to find your observation. You can find your sample number on the magnet you received as part of the sampling package. You cannot search for your observation using your name, your child's name, or your street address because your observation is anonymous and this information is not publicly available.

Disclaimer:

I understand that while the Dartmouth Trace Element Analysis Core is a very reputable research laboratory producing accurate results, it is not a certified water quality testing laboratory. If you have any questions or concerns about your results, please contact the Maine CDC or New Hampshire DES, and consider getting your well tested at a certified private or state water quality laboratory.

Initials_____