

**Subject:** FW: Rennie Farm Update

**Date:** Tuesday, October 11, 2016 at 9:38:31 AM Eastern Daylight Time

**From:** Maureen O'Leary

**To:** Maureen O'Leary

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**From:** Maureen O'Leary <[Maureen.O'Leary@dartmouth.edu](mailto:Maureen.O'Leary@dartmouth.edu)>

**Date:** Monday, October 10, 2016 at 5:56 PM

**To:** Maureen O'Leary <[Maureen.O'Leary@dartmouth.edu](mailto:Maureen.O'Leary@dartmouth.edu)>

**Subject:** Rennie Farm Update

Dear neighbors,

Recent testing has revealed the presence of 1,4-dioxane in a residential well on a property located on Hanover Center Road, just under a mile from the Rennie Farm burial site.

The testing detected 0.28 to 0.30 micrograms/liter in the water, which is below the 3.0 micrograms/liter groundwater standard for 1,4-dioxane in New Hampshire. Wells in the immediate vicinity of the property have to date tested negative for the presence of 1,4-dioxane.

In addition to the homeowner well, we have also detected 1,4-dioxane at surface water sampling locations Stream 3 and Stream 4. The detected concentrations of 1,4-dioxane are 0.48 micrograms /liter 0.36 micrograms/liter, respectively, which are below the state groundwater standard. This finding is similar to the results we saw in August and not unexpected, given the low water level/flow conditions in the stream.

In response to this latest data, Dartmouth College notified the affected homeowner as soon as the preliminary test results arrived. They have been provided with bottled water and a point-of-entry treatment system for 1,4-dioxane will be installed at the home. An independent health consultant has been contacted and will reach out to the homeowners to address any questions or concerns they might have.

Although the detection of 1,4-dioxane this far from the site was not considered likely, we recommended homeowner well sampling in that area as a precaution. We are now working with the property owners to investigate how the 1,4-dioxane contamination reached the well and to verify the source, which we believe to be the Rennie Farm property.

We are contacting neighbors in the vicinity of the property where 1,4-dioxane was recently detected, as well as neighbors in the vicinity of the detected plume, to offer alternative drinking water sources, and are increasing water quality monitoring in the area. Concurrent with this effort, we continue to work with data collected from monitoring wells to document and map the migration of the 1,4-dioxane.

At the September 13 community meeting we held for Rennie Farm neighbors, we committed to being more proactive in our responses, and a communication detailing the scope of our plans will be issued within the coming week.

Jim Wieck, a consultant from GZA working with Dartmouth, and I will be at the Rennie Farm site tomorrow, October 11, from 4 to 6 pm, to address any questions you may have. Please stop by if you would like to speak with us.

As always, please feel free to contact me if I can be of assistance.

Sincerely,

Maureen

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