Beth Rivard

From: Ryan Borkowski
Sent: Friday, September 02, 2016 3:15 PM
To: Beth Rivard
Subject: FW: Request in advance of the Thursday 8/18 Rennie Farm Meeting with Dartmouth

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From: Julia Griffin
Sent: Tuesday, August 16, 2016 10:46 AM
To: Ryan Borkowski; Michael Hinsley
Subject: FW: Request in advance of the Thursday 8/18 Rennie Farm Meeting with Dartmouth

FYI

From: ellen waitzkin [mailto:ellenwaitzkin@gmail.com]
Sent: Sunday, August 14, 2016 4:59 PM
To: paul.rydel@des.nh.gov; tkenna@dhhs.state.nh.us; thomas.burack@des.nh.gov; mary.maloney@doj.nh.gov; Maureen O'Leary; Ellen L. Arnold; james.wieck@gza.com; Martha Hennessey; Patricia Higgins; sharon.nordgren@leg.state.nh.us; david.pierce@leg.state.nh.us; Julia Griffin; Carolyn M. Dever; Richard G. Mills; Justin Anderson; Diana Lawrence; Wesley A. Benbow; Duane A. Compton; Charles Watts (cwatts@clymenvironmental.com); Peter Spiegel; Shirley J. Grainger-Inselburg; ellen waitzkin; Marcelo Gleiser; Marjorie Rogalski; Edward Abraham
Subject: Request in advance of the Thursday 8/18 Rennie Farm Meeting with Dartmouth

Dear Dr. O'Leary and Ms. Arnold, Esq,

Thank you very much for providing an opportunity to discuss your current remedial work plan on site this Thursday, August 18 at 4 pm at the Rennie Farm toxic waste dump. In many of your prior work plan communications, you and GZA have referred to radiation monitoring equipment used to survey for areas of radioactive contamination. Many of your reports have indicated that hand held monitor readings formed an important basis to select locations for detailed soil and water sample collections undergoing subsequent laboratory radioisotope analysis.

Many residents of the Rennie Farm neighborhood have scientific professional backgrounds. We would like a demonstration of the monitoring equipment being used, to be provided on site during our visit with your group this Thursday, August 18. As part of the demonstration, and for scientific validation, we would like to have radioisotope calibration samples provided as part of the demonstration of your equipment. These would include, at a minimum, a vial of 14C standard, a vial of 3H standard, 210Pb and any other relevant standard isotopes, with some control blank standards, that could be used in testing your detector capability. For example, a number of laboratories at Dartmouth should have relevant standard calibration aliquots of these isotopes available, including scintillation counter calibration standard vials (ie for 14C and 3H) .

This demonstration will be very important to help convince the educated, professional neighborhood and public that the equipment you are using was, and is currently, capable of detecting relevant isotopes buried underground at the site, either in containers or free in the soil. If your equipment for surface radioactive detection fails to respond to standards for the relevant beta and alpha emitting isotopes known to have been deposited at Rennie Farm in the 1960-70s, then your premise for the extent of the problem is suspect and will require significant revision and appropriate improvements for site remediation.

In advance of the meeting, so that we may review capabilities and limitations of your specific device(s) , we would appreciate that you and/or GZA provide manufacturers and model numbers of any of the radiation detection devices used on the Rennie Farm property, to be communicated by email to us all prior to this Thursday's meeting.

We appreciate your recent outreach to the affected community, and your invitation to meet at Rennie Farm this week. Many of us plan to attend.

Best regards,

Peter Spiegel, MD
Marcelo Gleiser, PhD
Ellen Waitzkin, MD
Ted Abraham, MD
Marjorie Rogalski