

April 14, 2022

Mark Baldi
Deputy Regional Director Bureau of Waste Site Cleanup
Central Regional Office
Massachusetts Department of Environmental Protection
8 New Bond Street
Worcester, MA 01606

RE: Immediate Response Action (IRA) Update Letter
Massachusetts Natural Fertilizer
65 Bean Porridge Road
Westminster, MA
MassDEP RTN: 2-0021866

Dear Mr. Baldi,

The following IRA response actions have been performed to date for the above referenced RTN.

- On March 30, 2022, Lessard Environmental, Inc. (LEI) performed a site inspection at the subject disposal site. LEI collected samples from unprocessed and finished product staged at the disposal site. LEI also collected a water sample from the on-site drinking water well. The drinking water sample was submitted to Alpha Analytical for PFAS-18. LEI is awaiting the analytical results to be received from Alpha.
- Additionally, on the same day, LEI collected a surface water sample from the on-site pond. The sample was submitted to Alpha Analytical for PFAS-18 analysis. LEI is awaiting the analytical results to be received from Alpha.
- During the week of March 30, 2022, LEI's contractor installed six Point of Entry Treatment (POET) systems. The POET systems were installed at the following addresses:
 - 64 Bean Porridge Hill Road
 - 66 Bean Porridge Hill Road
 - 67 Bean Porridge Hill Road
 - 68 Bean Porridge Hill Road
 - 70 Bean Porridge Hill Road
 - 72 Bean Porridge Hill Road
- On April 7, 2022, influent and effluent water samples were collected from all six treatment systems listed above. All water samples were submitted to Alpha Analytical for PFAS-18 analysis. LEI is awaiting the results from Alpha.
- On April 12, 2022, LEI collected drinking water samples from private wells located at:
 - 42 Bean Porridge Hill Road
 - 15 Rock Maple Lane

- 31 White Pine Drive
- 4 White Pine Drive
- 16 White Pine Drive

All water samples were submitted to Alpha Analytical for PFAS-18 analysis. LEI is awaiting the results from Alpha.

- On April 13, 2022, LEI collected drinking water samples from private wells located at:
 - 11 Rock Maple Lane
 - 32 White Pine Drive
 - 28 White Pine Drive

All water samples were submitted to Alpha Analytical for PFAS-18 analysis. LEI is awaiting the results from Alpha.

- On April 13, 2022, LEI and a Lawson & Weitzen attorney held a Zoom meeting. LEI gave a presentation during the Zoom meeting. The PDF of the presentation is attached.
- On April 14, 2022, LEI collected drinking water samples private wells at:
 - 5 White Pine Drive
 - 150 Bean Porridge Hill Rd.
 - 22 Rock Maple Road.
 - 46 Bean Porridge Hill Road
 - 23 White Pine Drive
 - 2 Rock Maple Road
 - 5 White Pine Drive
 - 23 Rock Maple Road

- LEI has requested with a vendor, bottled water deliveries to residents on White Pine Drive, Rock Maple Lane and Amber Road. This is in the process of being implemented by the vendor.

These response actions and activities are the latest performed for the IRA as of April 14, 2022. If you have any questions, please call Lawrence Lessard, at (978) 338-5541.

Sincerely,



Michael Backunas
Senior Project Manager

Attachment: LEI Presentation Material

Westminster Resident Update

#1

April 13, 2022
Zoom Meeting

Contact Information

- MassDEP and Others have been giving out incorrect contact information for my company.
- This causes delays in response.
- *Please contact us at **978-338-5541**. Larry's extension is 102 Mike at ext. 103 or Louise at ext. 100 can also help.*
- email: llessard@lessard-environmental.com

Submitting Questions

- Please pose questions via the Chat feature.
- We are at an early stage in this project and data are limited. I will answer questions as best as I can after this brief presentation.

'Parts Per' Jargon

- The concentrations we measure in samples are very small.
- You will hear or read concentrations in PPM, PPB, PPT, etc.
 - PPM is Parts Per Million which is a concentration equivalent to 32 seconds in a year
 - PPB is Parts Per Billion = 3 seconds in 100 years
 - PPT is Parts Per Trillion = 30 seconds in 1,000,000 years
- The MassDEP PFAS drinking water standard is 20 PPT

Recent Events

- PFAS detected in private well testing by MassDEP contractor approximately Mid-February 2022. First results reported March 11.
- Massachusetts Natural Fertilizer (MNF) notified of condition potentially related to their historic operations
- Lessard Environmental, Inc. hired Mid-March 2022
- Access requests for private well sampling and installation of Point of Entry Treatment Systems (POETs) issued to original 5 (subsequently 6) homeowners with detections
- Concurrent deliveries of bottled water
- POETs promptly installed at 64, 66, 67, 68, 70, 72 BPH.

Recent Events

- On April 7, LEI sampled water from the six POETs to evaluate effectiveness of the filtration. Results are pending.
- On April 12, LEI collected private well samples at 42 BPH; 4, 16 and 31 WPD; and 15 RML. Results are pending.
- On April 13, LEI collected private well samples at 26, 28, and 32 WPD and 11 RML. Results are pending.

On-Going Work

- LEI sampled 5 private wells on 4/12 and 4 private wells on 4/13. Two residents were not home either day 46 BPH and 23 WPD. We are reaching out for scheduling.
- As more sampling as access agreements are returned, more well sampling will be scheduled.
- LEI sampled pond on MNF property. Once given access, will sample stream that runs near Amber Road.
- Bottled water ordered for 45 residences. Other than the six with confirmed PFAS, this is a proactive measure pending sampling and laboratory analysis.

Possible Future Work

- Continued well sampling
- More POET systems
- Hydrogeologic investigation
- Status reports to MassDEP
- Additional updates via Zoom.

Responses to Questions from Chat