



P.O. Box 451  
EXETER, NH 03833-0451  
TEL: 603-770-3988  
WWW.EXETERENVIRONMENTAL.COM  
STEVESHOP@COMCAST.NET  
JULIESHOPE@COMCAST.NET

October 21, 2020

Mr. Ross Povenmire, Director  
Boxford Conservation Commission  
Boxford, Massachusetts

Re: Assessment of Rusty 55-Gallon Barrel  
Anderson Drive  
Boxford, Massachusetts

Dear Mr. Povenmire:

We have been requested by property owner Don Gianquitto to evaluate a rusty 55-gallon barrel that was identified by the Conservation Commission during a recent site walk. The approximate location of the barrel relative to the GIS tax maps is included with this letter.

A site visit was performed by Steven and Julie Shope of Exeter Environmental Associates, LLC on October 20, 2020. The empty barrel was observed to be corroded and is estimated to be greater than 60 years old in our opinion and experience (Photo #1). We attempted to move the barrel but the top half separated from the ground and no bottom half was present as it had completely corroded (Photo #2).

The soil beneath the barrel was brown in color with no staining or odors. A soil sample collected beneath the barrel was screened with a properly-calibrated photoionization detector. A reading of less than 1 part per million was measured. This reading is considered to be background, meaning that no volatile chemicals such as gasoline or solvents are present.

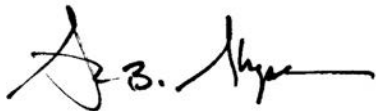
We reviewed historic aerial photographs of the property online, including the years 1938 through 2016<sup>1</sup>. The property was an active hayfield in the 1930s through the 1960s. Native trees began to grow in during the 1970s, with the property becoming majority trees by 1995. No apple orchards are shown on or near the property during this time period, making it unlikely that the drum contained pesticides such as lead-arsenate or DDT/DDE.

No soil samples were collected for laboratory analyses, as this was not warranted in the opinion of Licensed Site Professional Steven Shope.

We have no recommendation for further assessment relative to the subject barrel.

Please feel free to call or email if there are any questions or comments.

Sincerely,

A handwritten signature in black ink, appearing to read "S.B. Shope". The signature is fluid and cursive, with a long horizontal stroke at the end.

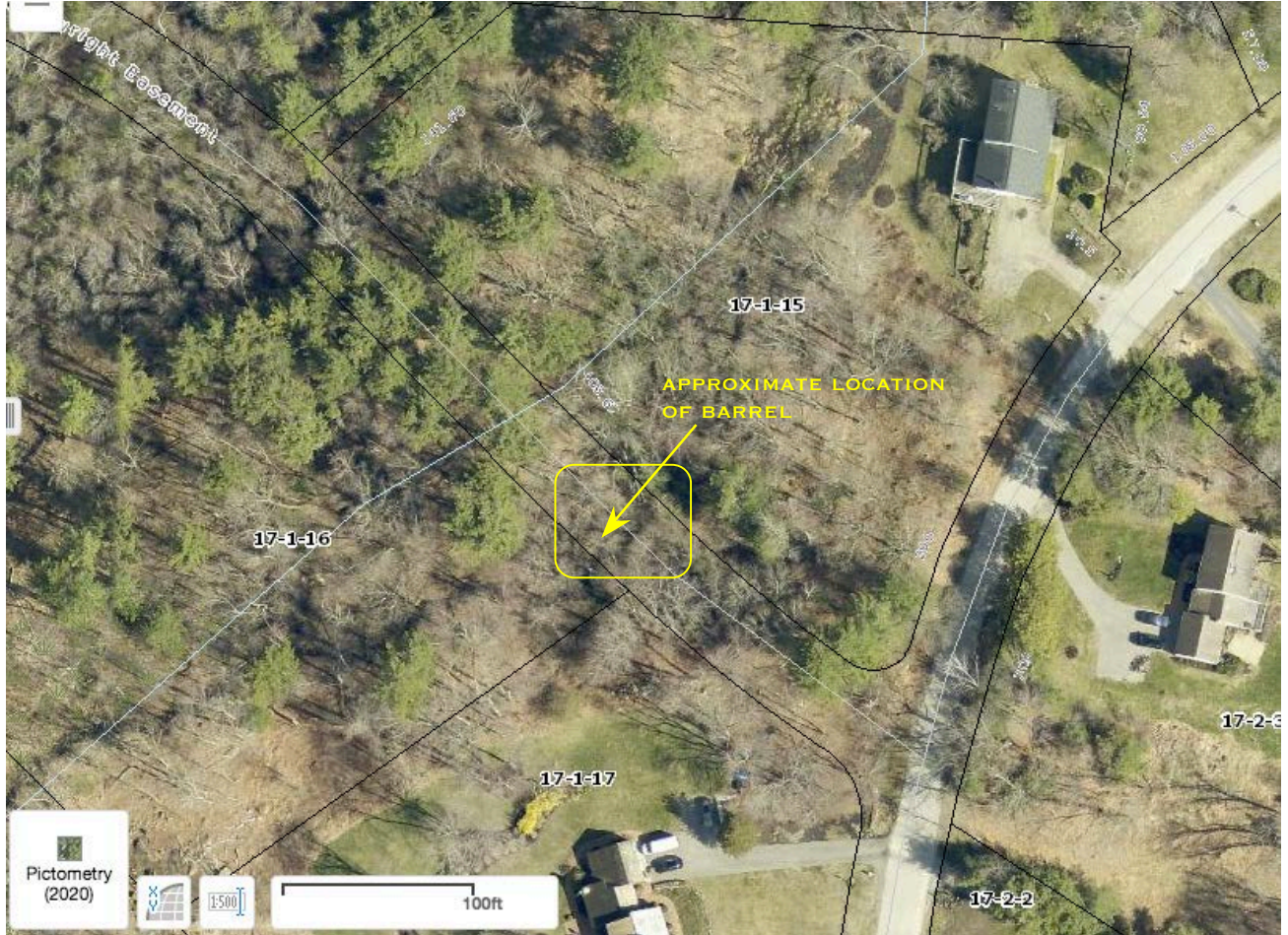
Steven B. Shope, LSP  
President  
Exeter Environmental Associates, LLC

cc: Don Gianquitto (donaldgianquitto@gmail.com)

---

<sup>1</sup> <https://www.historicaerials.com/viewer>

### Site Layout Sketch



## Site Photographs



Photo #1. Barrel *in-situ*.



Photo #2. Barrel after removing rusted top half.