

May 15, 2020

Joshua Haugh, P.G.
Professional Geologist 1
NYSDEC Region 4
1130 North Westcott Road
Schenectady, New York 12306

Re: Supplemental Remedial Investigation Work Plan
Poestenkill Place Site, 244-246 First Street, Troy (Site No. C442058)

File: 2248.001.001

Dear Mr. Haugh:

As requested in your correspondence to Poestenkill Place Limited Partnership dated March 24, 2020, Barton & Loguidice, D.P.C. (B&L), has prepared the following Supplemental Remedial Investigation (RI) Work Plan for Department review and approval. This Supplemental RI Work Plan describes the additional subsurface investigation to be performed at the project site in order to fill in data gaps and further define the magnitude and extent of contamination at the subject parcel.

In conducting the supplemental RI, B&L will adhere to the field methodologies/procedures that are outlined in the NYSDEC-approved Remedial Investigation Work Plan prepared by C.T. Male Associates dated November 2018 and revised February 2019.

Supplemental RI Work Plan:

- 1) Additional subsurface soil samples be collected in the vicinity of existing soil borings RI-7 through RI-10 and analyzed for the presence of target analyte list (TAL) metals parameters. Specifically, two (2) soil borings will be drilled in the vicinity of existing soil borings RI-7 through RI-10 to an estimated depth of 15 feet below ground surface (bgs) (refer to Figure 1). Consistent with the soil sampling protocol that was followed by B&L staff in the initial site investigation, a total of five (5) soil samples will be collected from each soil boring and submitted for the laboratory analysis of TAL Metals. In addition, one (1) soil sample will be collected from each boring and submitted for the analysis of target compound list (TCL) volatile organic compounds (VOCs), and semi-volatile organic compounds (SVOCs).
- 2) During the initial B&L site investigation, subsurface petroleum contamination was detected in the vicinity of soil boring RI-3, RI-15, and RI-16. Therefore, in order to further define the magnitude and extent of subsurface contamination in the vicinity of boring RI-3, and to determine if a groundwater contaminant plume is potentially migrating off-site, B&L will advance three (3) soil borings along the western property line to an estimated depth of 25 feet bgs (refer to Figure 1). Consistent with the soil sampling protocol that was followed in the initial



B&L site investigation, two (2) soil samples will be collected from each soil boring (one sample from the historic fill material and one sample from the native soil) and submitted for the analysis of TCL VOCs, SVOCs, and TAL metals.

- 3) Two (2) of the above noted soil brings will be converted into groundwater monitoring wells (refer to Figure 1). The groundwater monitoring wells will be installed in accordance with the field methodologies/procedures outlined in the NYSDEC-approved RI Work Plan. Following well development, a representative groundwater sample will be collected from each monitoring well and submitted for the laboratory analysis of the same suite of parameters as the above noted soil samples.

The drill cuttings from the soil borings will be containerized on site and stored in NYSDOT-approved 55-gallon drums, as will the purge water from the monitoring wells and the equipment decontamination wash water.

- 4) In order to fully evaluate the exposure pathways at the site, a total of ten (10) soil vapor points will be installed. Three (3) soil vapor points will be installed downgradient of soil boring RI-3 near the property line, and seven (7) soil vapor points will be installed along the site perimeter and in the center of the site (refer to Figure 1). A representative soil vapor sample will be collected from each soil vapor point and submitted for the analysis of VOCs. In addition, one (1) ambient outdoor air sample will be collected and submitted for analysis.
- 5) Following the receipt of the analytical laboratory test results, B&L will prepare a revised RI Report for Department review and approval. The revised RI Report will address the comments contained in your March 24, 2020 correspondence and incorporate the findings of the Supplemental Site Investigation as described herein.

B&L is prepared to commence immediately with the performance of the above described Supplemental RI Work Plan at the Poestenkill Place Site upon receipt of Department's approval. Please feel free to contact me at (518) 369-9290 should you have any questions regarding the information presented herein.

Sincerely,

BARTON & LOGUIDICE, D.P.C.

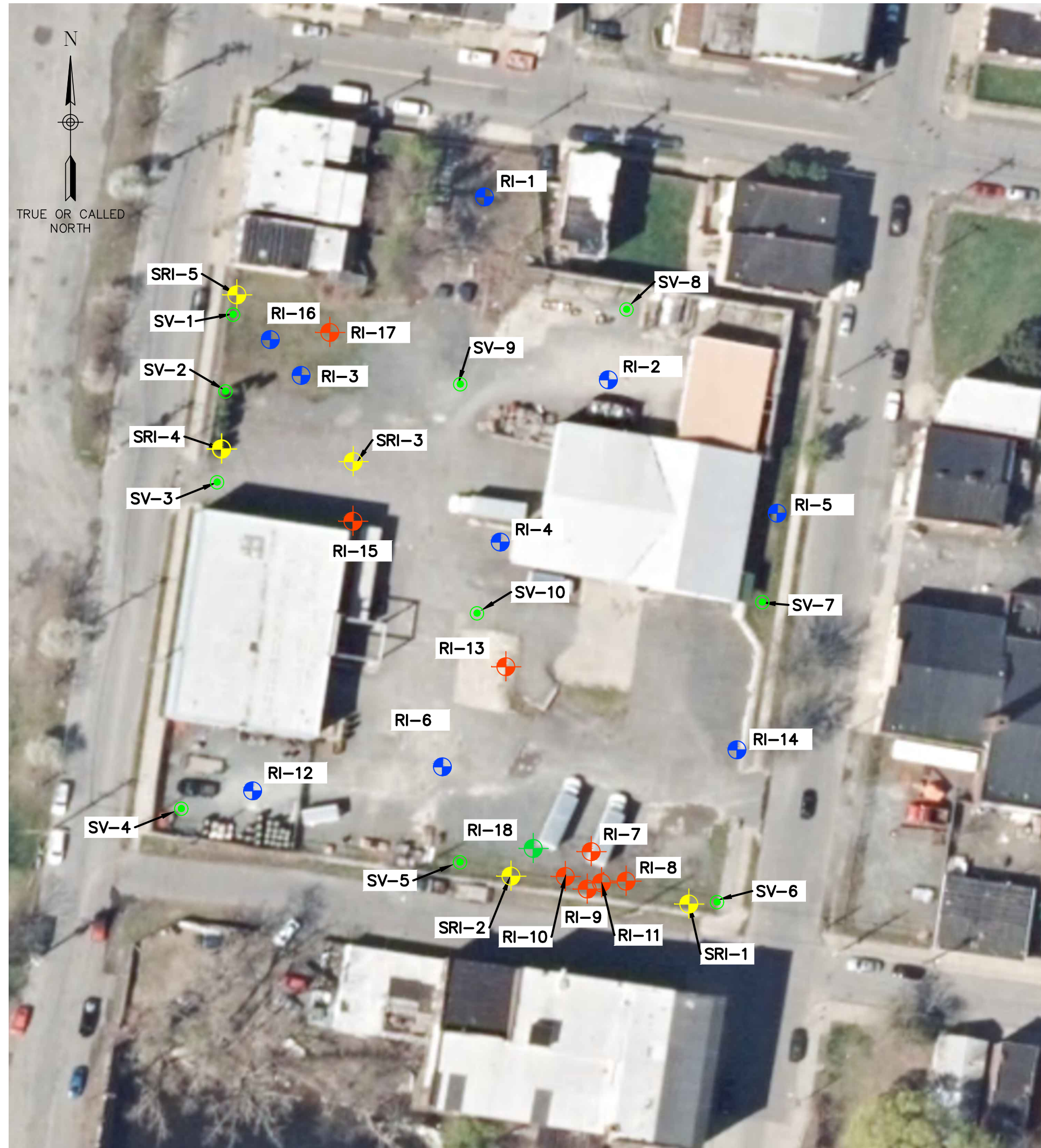
A handwritten signature in blue ink, which appears to read 'Stephen B. Le Fevre', is located below the typed name.

Stephen B. Le Fevre, P.G., C.P.G.
Senior Managing Hydrogeologist

SBL/jms

Enclosure

cc: Susan McCann, Poestenkill Place Limited Partnership



LEGEND

- RI-## - MONITORING WELL LOCATION
- RI-## - SOIL BORING LOCATION
- RI-18 - SURFACE SOIL SAMPLE LOCATION
- SRI-# - SUPPLEMENTAL SOIL BORING LOCATION
- SV-# - SOIL VAPOR LOCATION

NOTE: BASED ON FIELD OBSERVATIONS TWO (2) GROUNDWATER MONITORING WELLS WILL INSTALLED AT SOIL BORING LOCATIONS SRI-3, SRI-4, OR SRI-5.

Barton & Loguidice

Date
MAY 2020

Scale
AS SHOWN

POESTENKILL PLACE LIMITED PARTNERSHIP
REMEDIAL INVESTIGATION
POESTENKILL PLACE
**SUPPLEMENTAL REDEDIAL
INVESTIGATION WORK PLAN**

TROYRENNALAER COUNTY, NEW YORK

Figure Number
1

Project Number
2248.001.001