



Environmental, Inc.

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September 30, 2014

Mr. John Murray
John Murray Productions
1196 32nd Street
Oakland, CA 94608

RECEIVED

By Alameda County Environmental Health at 3:13 pm, Oct 01, 2014

**Subject: Addendum to Workplan for Limited Phase II Subsurface Investigation
3037-3115 Adeline Street, Oakland, California
ERAS Project Number 14063A**

Dear Mr. Murray:

ERAS Environmental, Inc. (ERAS) is pleased to present this Addendum to Workplan for Limited Phase II Subsurface Investigation for the subject site (the "Property"). This amends the workplan for the Property prepared by ERAS and dated August 1, 2014. Note the number and locations of the proposed borings and the proposed sample analyses supersede the scope described in the August 1, 2014 workplan.

The amendments and changes are based on a meeting with Mr. Mark Detterman of the Alameda County Health Care Services Agency (ACHCSA), Mr. Clinton Stockman, the potential purchaser of the Property and Mr. David Siegel of ERAS on September 25, 2014.

The following is the revised proposed scope of work for the subsurface investigation. This scope is designed to assess the lateral and vertical extent of metals and petroleum hydrocarbons found at the Property.

- A total of seven soil borings will be drilled at the Property (B-1 through B-4 and B-6 through B-8) at the approximate locations shown on the revised Proposed Boring Location Map. Note the locations of the former machine shops and the former bronze foundry were previously incorrect and have been shown on the map in their correct locations based on the 1951 Sanborn Fire Insurance Map.

Boring B-5 was to be drilled near former boring PES-B5. This boring was deleted at the request of the Property manager due to its location inside a newly remodeled area. The contamination found in PES-B5 is underneath concrete and new floor coating and covering and is not considered to pose a risk of exposure.

- The Borings B-2 and B-8 are located near previous Borings PES-B2 and PES-B1 respectively. Soil samples from these borings will be collected from the top of the native soil, estimated to be at approximately 1.5 to 2 feet below ground surface (bgs) and analyzed for the presence of total copper and lead that were detected in the previous borings at 3 feet bgs. In addition, because tin is a component of bronze (typically 12% in modern bronze), it will also be included in the analyses to provide a comparative baseline that might confirm a release from the foundry rather than non-point-source distribution of copper in the environment.
- Boring B-4 will be drilled to assess this area for petroleum hydrocarbons in the area where elevated PID readings were reported in previous Boring PES-B4. A soil sample will be collected for analysis from depths of approximately 1.5 to 2 feet bgs, 8 feet and 12 feet bgs and analyzed for total petroleum hydrocarbons quantified as gasoline range organics (TPH-gro), diesel range organics (TPH-dro) and as oil range organics (TPH-oro).
- Borings B-1, B-2, B-3, B-6 and B-7 are in the area of previous Boring PES-B2 and are placed to analyze soil for the presence of TPH-dro and TPH-oro that were detected in PES-B2 at depths of 3 and 7 feet bgs. Soil samples will be collected for analysis from approximately 1.5 to 2 feet bgs, 8 feet and 12 feet and analyzed for TPH-gro, TPH-dro and TPH-oro.


If you have questions or comments regarding this addendum of the information in the workplan please contact me at 510-247-9885 x304, or by e-mail dave@eras.biz.

ERAS thanks you for the opportunity to serve you.

Sincerely,
ERAS Environmental, Inc.

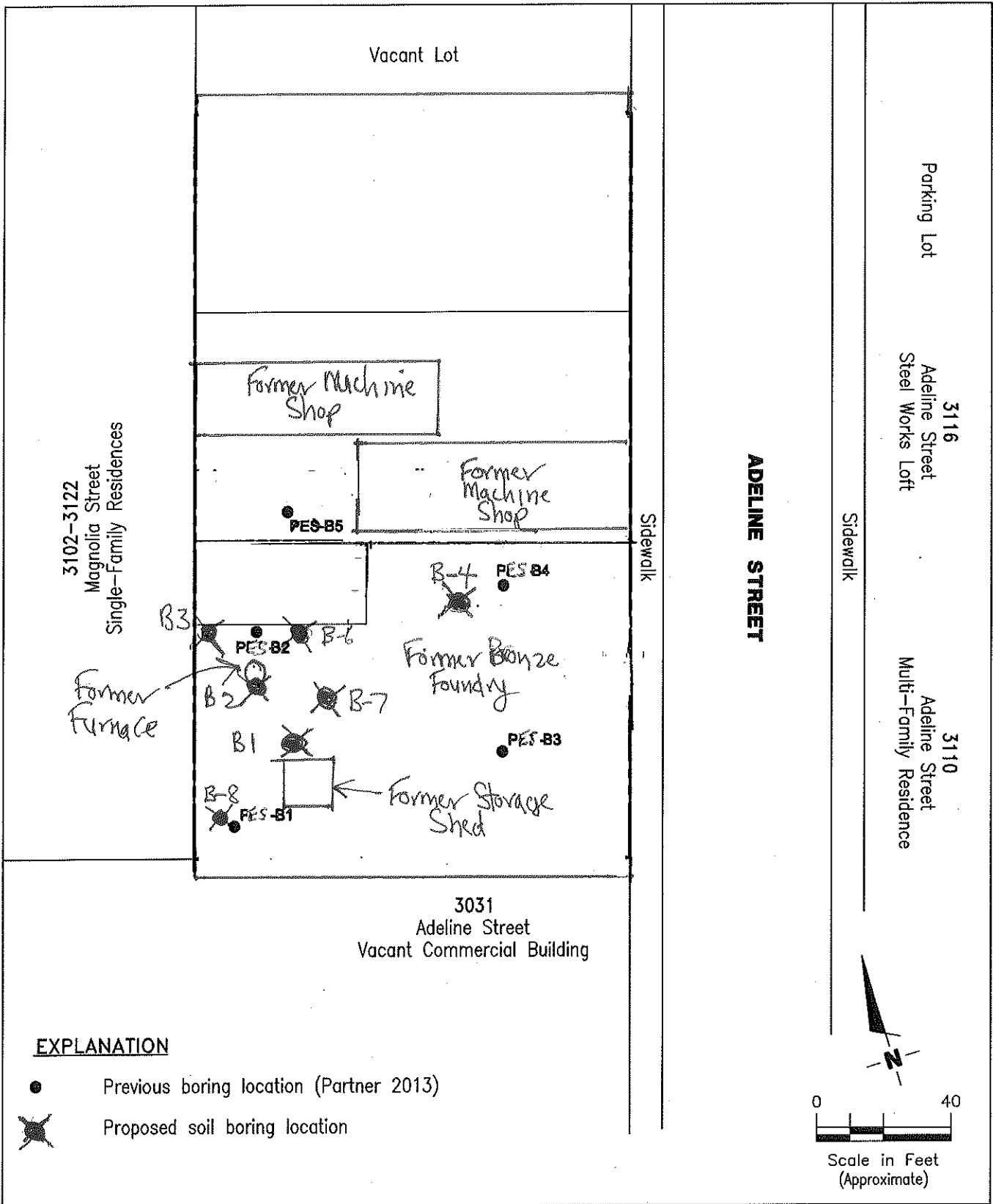


Curtis Payton
California Registered Professional Geologist 5608



David Siegel
Senior Program Manager

Attachment: Proposed Boring Location Map



EXPLANATION

- Previous boring location (Partner 2013)
- ★ Proposed soil boring location

PROPOSED BORING LOCATION MAP

DATE
08/14
REVIEWED BY
AS

3037, 3101 & 3115 Adeline Street
Oakland, California

JOB NUMBER
14063A
FIGURE
2

ERAS Environmental Inc.