

2101 Webster Street  
12th Floor  
Oakland, CA 94612  
(510) 663-4100 • FAX (510) 663-4141



November 17, 2003  
Project 8367.001

Re 2521

Alameda County  
NOV 20 2003  
Environmental Health

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Department of Environmental Health  
1131 Harbor Bay Parkway  
Alameda, California 94502

Subject: Addendum to Work Plan  
1249 67<sup>th</sup> Street  
Emeryville, California

Dear Mr. Chan:

On behalf of Pulte Home Corporation (Pulte), Geomatrix Consultants, Inc. (Geomatrix), has prepared this addendum to supplement the February 19, 2003 Work Plan (Work Plan) to characterize environmental conditions at the 1249 67<sup>th</sup> Street site (the site; Figure 1) in Emeryville, California. This addendum is based on our phone conversation with you regarding your comments on the Work Plan. The primary objective of the proposed work is to collect additional soil and groundwater data to support a site-specific human health risk assessment and, if necessary, a site management plan (SMP) to manage residual chemicals at the site. Details for the additional work and an estimated schedule are presented below.

#### **ADDENDUM TO WORK PLAN**

Per your request, soil samples collected from the Site will also include analyses for volatile organic compounds (VOCs) and organochlorine pesticides.

#### Additional Analyses for Proposed Soil Samples

As indicated in the Work Plan, nine (9) soil borings will be advanced at locations where the proposed development includes yards and common areas (Figure 2). Soil samples will be collected for chemical analyses from depths of approximately 1 to 1.5 feet and 5 to 5.5 feet below ground surface (bgs). Soil samples collected from the shallowest depth interval will be analyzed for arsenic and Leaking Underground Fuel Tank (LUFT) metals (cadmium, chromium, nickel, lead, and zinc) and polynuclear aromatic hydrocarbons (PNAs) by a state-certified laboratory using EPA Methods 6010B and 8270C selective ion monitoring (SIM) mode, respectively. In addition, per your request, these shallow soil samples also will be analyzed for organochlorine pesticides using EPA Method 8081B. Soil samples collected from approximately 5 to 5.5 feet bgs will be analyzed for VOCs using EPA Method 8260B.

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### ESTIMATED SCHEDULE

Based on the current plans for site redevelopment, the existing buildings on the property will be demolished beginning during in late November 2003. Contingent on the weather, we will begin field activities on November 24, 2003.

We appreciate your review of this addendum to the Work Plan and look forward to the County's concurrence with the overall site characterization approach. Please call either of the undersigned if you have any questions or require additional information.

Sincerely yours,  
GEOMATRIX CONSULTANTS, INC.

Robert H. Cheung  
Senior Toxicologist

Elizabeth K. Wells, P.E.  
Senior Engineer

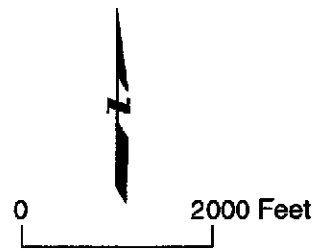
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Attachments: Figure 1: Site Location Map  
Figure 2: Grab Groundwater Analytical Results for VOCs and Proposed  
Sampling Locations

cc: Mr. Mike Kim, Pulte Home Corporation  
Mr. Ravi Arulanantham, Geomatrix



Base map from the U.S. Geological Survey, Oakland West Quadrangle, 7.5 minute series (topographic), 1959 (photo revised 1980).



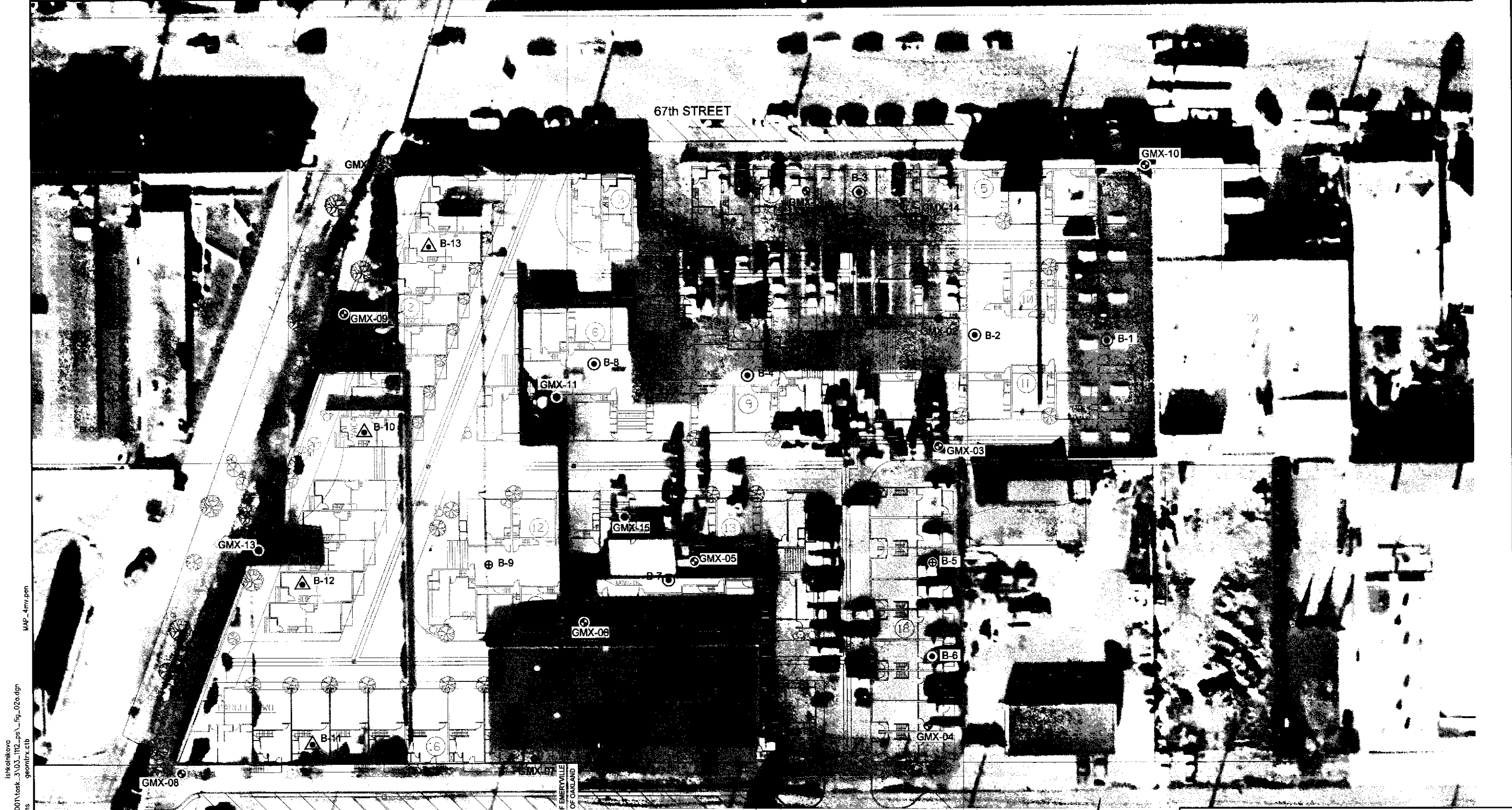
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**SITE LOCATION MAP**  
 Fabco Automotive Corporation  
 1249 67th Street  
 Emeryville, California

Project No.  
 8367.001

Figure  
 1

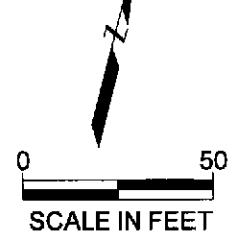


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CITY OF EMERYVILLE  
 CITY OF OAKLAND  
 66th STREET

**EXPLANATION**

- ⊕ Previous soil and groundwater boring location
- ⊕ Proposed soil and groundwater boring location
- Previous boring location
- ⊙ Proposed soil boring location
- △ Proposed groundwater location



**Note:**  
 Aerial photograph from Pacific Aerial Surveys; Proposed development plans from Pulte Home Corporation.

<b>PROPOSED SAMPLING LOCATIONS</b> 1249 67th Street Emeryville, California		
 <b>GEOMATRIX</b>	Project No. 8367.001	Figure <b>2</b>