11 February 1993

93 FEB 22 PM 2:06

Juliet Shinn
Hazardous Materials Specialist
Alameda County Department
Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, Ca. 94621

Subject: Work Plan for Sampling of Soil and Water at Jardin Pipeline, Inc., 2315 Dunn Road, Hayward, California

Dear Ms. Shinn:

Enclosed please find the work plan for sampling at the subject site. This proposed work will be preformed by a Staff Geologist and Hazardous Materials Specialist. If there are any questions or comments please contact this office.

Respectfully Submitted,

GEOLOGICAL AUDIT SERVICES, INC.

Evelyn Hayes
Hazardous Materials Specialist

Work Plan for Sampling of Soil and Ground Water
JARDIN PIPELINE, INC.
2315 Dunn Road, Hayward, California

INTRODUCTION

In accordance with a request from Mr. Michael Jardin of Jardin Pipeline, Inc., Geological Audit Services, Inc. has prepared a work plan for sampling soil and water from a previously excavated site.

PROCEDURES

To meet the project objectives, the following activities will be preformed:
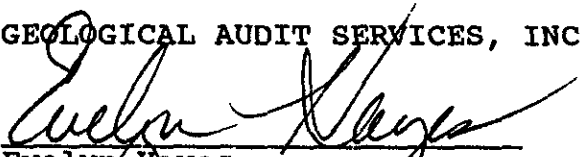
- Obtain a discrete soil sample from soil previously excavated and stored on site using slide hammer pre-loaded with two clean 2 X 3-inch brass tubes. The lead sample will be preserved by covering both ends with aluminum sheets, capping and sealing with tape. The sample will be labelled and logged on a chain of custody form.

- With a backhoe, remove soil from the bottom of the pit not more then two feet in depth. A soil sample will then be obtained from the backhoe bucket using a slide hammer. The ends of the lead tube will be covered with aluminum sheets, capped and sealed with tape. Log sample on chain of custody form.

- Allow water to accumulate in the bottom of the pit. Using a disposable bailer obtain a sample and transfer into an EPA approved containers. Label and log sample on chain of custody form.

- Transport samples in chilled container to a State Certified Lab for analysis.

- Analyze samples for total petroleum hydrocarbons (TPH) as diesel fuel and volatile aromatics (BTE&X) in accordance to EPA methods 8015 and 8020.

- Prepare and submit an application for closure to Alameda County Department of Environmental Health Hazardous Materials Division.

The opportunity to prepare this work plan is greatly appreciated. Please feel free to contact our office should you require any further information.

Sincerely,

GEOLOGICAL AUDIT SERVICES, INC.

Evelyn Hayes
Hazardous Materials Specialist

Geological Audit Services, Inc.
1803 West March Lane, Suite A
Stockton, California 95207
(209) 956-0264
FAX (209) 956-0700

Fax Cover Sheet

Date: *2-11-93*

Company Name: *Alameda County Health Hzy Mat Div*

Contact Name: *Juliet Shimro*

Fax Number: *(510) 569-4757.*

Sender: *E. Heyer.*

Description: *Work plan Jardin Pagilini*

Number of pages, including this cover sheet:

3

If there are any problems with this transmission, please call:

at (209) 956-0264 immediately.

Geological Audit Services, Inc.

1803 W. March Lane, Suite A • Stockton, CA 95207 • (209) 956-0264 • FAX (209) 956-0700

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Juliet Shinn
Hazardous Materials Specialist
Alameda County Department
Environmental Health
Hazardous Materials Division
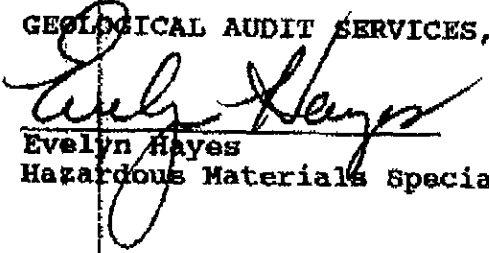80 Swan Way, Room 200
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Evelyn Hayes
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Environmental Services • Hydrogeology • Geotechnical Services

Geological Audit Services, Inc.

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2315 Dunn Road, Hayward, California

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  → 8 cubic yard, this sample & water will be analyzed for constituents below

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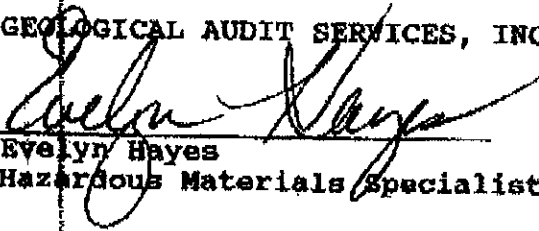
2/11/93

I spoke to Evelyn Hughes & told her that g.w. must be pumped & allowed to recharge before a groundwater sample could be taken.

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Jardin Pipeline
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