Chevron U.S.A. Products Company
2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

March 23, 1993

Mr. Scott Seery
Alameda County Environmental Health Department
80 Swan Way, Room 200
Oakland, CA 94621

Re : Former Chevron Service Station No. 9-4930
3369 Castro Valley Blvd., Castro Valley, CA 94546

Dear Mr. Seery :

Enclosed is a work plan dated March 15, 1993 from Touchstone Developments. This work plan describes the proposed excavation and sampling activities at the above referenced site.

In our brief meeting at your office on March 17, 1993 at approximately 10:00 am, the proposed excavation and sampling activities were described to you. On the same day, you gave your verbal approval to the proposed activities as well as the partial back-filling of the tank pit.

If you have any questions or comments, please feel free to call me at (510) 842-8752.

Sincerely,

Chevron U.S.A. Products Co.

Kenneth Kan
Engineer

LKAN/MacFile 9-4930R3

Enclosure

cc : Mr. Richard Hiett
RWQCB-S.F.Bay Region
2101 Webster Street, Suite 500
Oakland, CA 94612

Anna Counelis
Tula Gallanes
P.O. Box 7611
San Francisco, CA 94120

Ms. Bette Owen
Chevron U.S.A. Products Co.

What was discussed 3/17 was essentially, "is it OK to backfill the UST pit?" Mr. Kan and I discussed some additional, minor excavation at the north end of the pit in the area where the piping entered the tank complex from the north. I later found out (3/22) that Chevron's intent was to remove all underground improvements associated w/ the former UST/station configuration (e.g., curbs, dispenser islands, etc.). There is no problem with the current approach; however, Mr. Kan's letter suggests that all aspects of their approach were discussed in detail during our 3 minute, ad hoc "meeting" in the lobby of the office. S. Seery

Touchstone Developments
Environmental Management

PROPOSED SOIL EXCAVATION AND REMEDIATION WORK PLAN

Former Chevron Station No. 9-4930
3369 Castro Valley Boulevard
Castro Valley, California

March 15, 1993

P.O. Box 2554 • Santa Rosa, CA 95405 • Office: (707) 538-8818 • Fax: (707) 538-8812 • Mobile/Fax: (707) 484-5112

Touchstone Developments
Environmental Management

March 15, 1993

Chevron U.S.A.
2410 Camino Ramon
San Ramon, California 94583

Attention: Kenneth Kan

Reference: Proposed Soil Excavation/Remediation Work Plan
Chevron Service Station No. 9-4930
3369 Castro Valley Boulevard
Castro Valley, California

Gentlemen:

INTRODUCTION

This proposed work plan has been prepared by Touchstone Developments (TD) at the request of Chevron U.S.A. for the former Chevron station at the above referenced location (figure 1). The purpose of this work plan is to describe sampling activities associated with excavation and remediation of hydrocarbon contaminated soil. Soil sampling activities performed during recent underground storage tank (UST) removal activities indicate that hydrocarbon contamination is present in the vicinity of the former UST and product line area.

PROPOSED SCOPE OF WORK

Soils will be excavated from the hydrocarbon-impacted areas identified in the vicinity of the former north east pump island and the former underground fuel tank complex that were removed on March 10, 1993 (figure 2). Excavation will continue vertically and laterally until at least one of the following is/are encountered:

* First occurrence of groundwater
* Practical limits of the excavation equipment
* Structural integrity of nearby buildings, utilities, or sidewalk would be jeopardized
* Chemical analysis indicates that only acceptable concentrations of petroleum hydrocarbons remain
* Property Boundaries
* Contamination is not limited in extent

Soil samples will be collected from the bottom and sidewalls of the excavation for approximately every 15 feet by 15 feet area of sidewall and in areas of suspected contamination to verify the effectiveness of the excavation activities. If

excavation continues to groundwater then sidewall samples at the water interface will be collected, and a water sample collected.

Soil Sampling and Analysis

Soil samples will be collected in clean 6-inch-long brass tubes (2 inch diameter), covered at both ends with aluminum foil or teflon tape and sealed with plastic end caps. The soil samples will be labeled, entered on a Chain-of-Custody form, put in a cooler with frozen blue ice and transported to a State-certified analytical laboratory. The samples will be analyzed for Total Petroleum Hydrocarbons calculated as Gasoline according to EPA Method 8015 (Modified) and Benzene, Toluene, Ethyl Benzene and Xylenes (BTEX) according to EPA Method 8020.

Excavated soils will be stockpiled on site and a soil stockpile sample will be collected for approximately every 25 cubic yards of excavated soil prior to covering with plastic. Four samples will then be composited in the laboratory for an analysis representative of approximately each 100 cubic yards of soil. Stockpile sampling will be for the purpose of waste characterization to determine the best off-site disposal and/or treatment option.

Soil Remediation and Disposal

Soil stockpiles generated from excavation activities will be disposed at the appropriate facility pending analytical results. Depending on the contaminants and their concentrations, on-site or off-site treatment of soils may be recommended, prior to disposal.

At the completion of this scope of activities, a summary report will be prepared, including field and laboratory data.

If you have any questions, please call me at (707) 538-8818.

Touchstone Developments by,

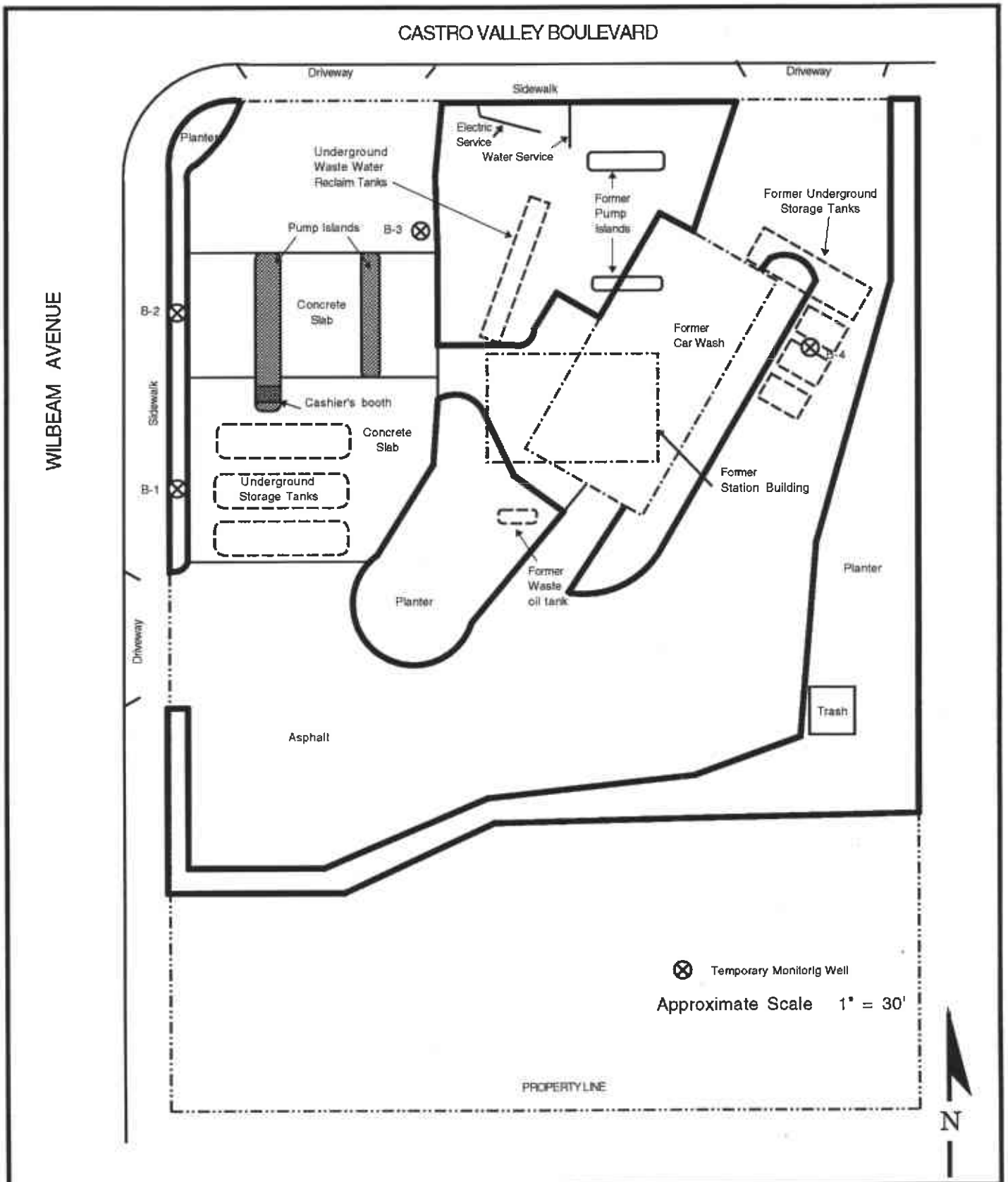
Jeff L. Monroe
Project Manager

Reviewed by,

Mark Seeley
Engineering Geologist - 1014

MWS/JLM/jlm

Figure 1: Site Plan
Figure 2: Site Plan with Anticipated Excavation Limits



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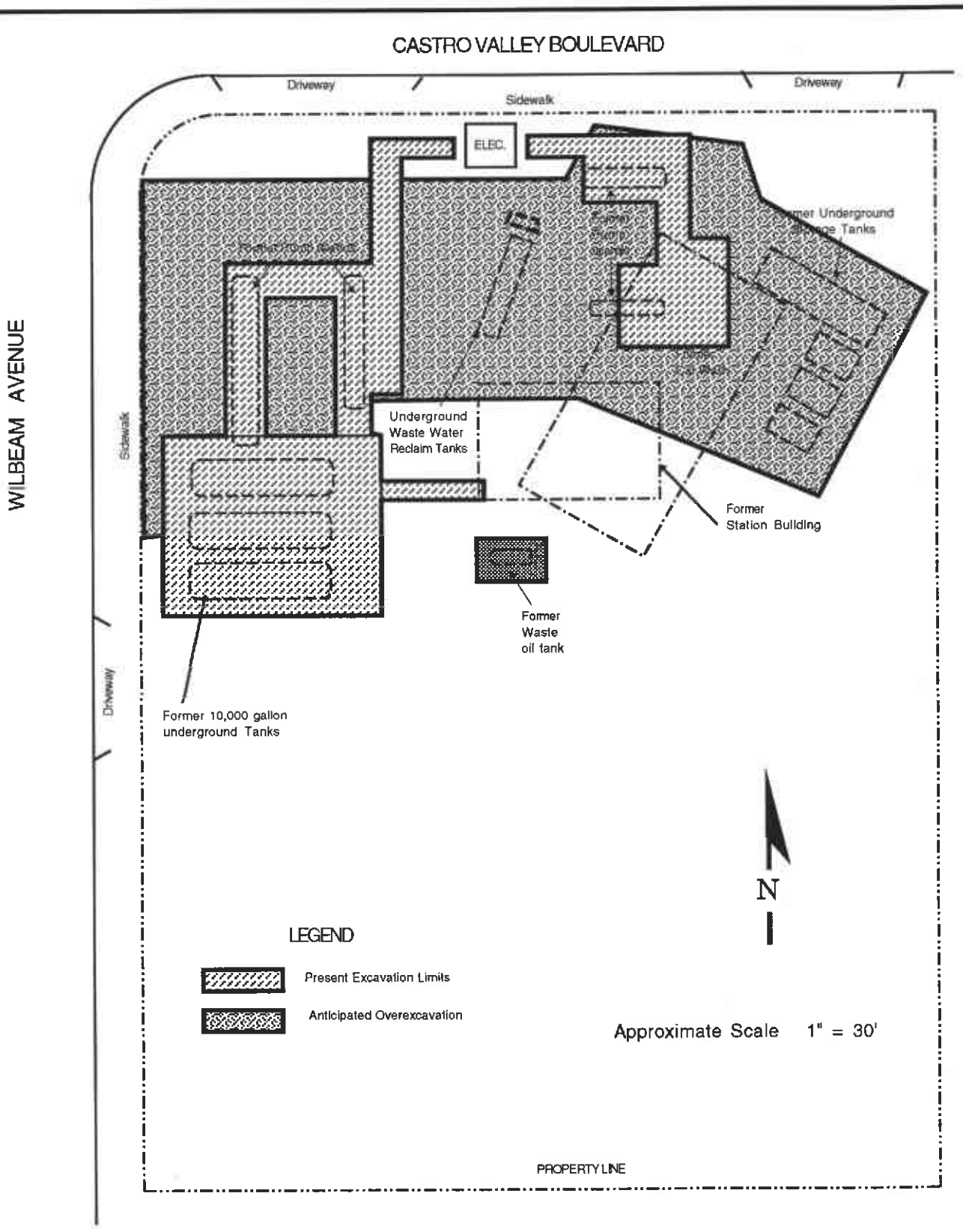
Site Map

Chevron Service Station No. 9-4930
3369 Castro Valley Boulevard
Castro Valley, California

Figure 1

02-18-93	mjt

Project # 4930-1



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Anticipated Over-excavation Map

Chevron Service Station No. 9-4930
3369 Castro Valley Boulevard
Castro Valley, California

Figure 2

03-15-93 | mjt

Project # 4930-1