

ENVIRONMENTAL
PHILIP ENVIRONMENTAL SERVICES CORPORATION
95 MAY 17 PM 2:22

LETTER OF TRANSMITTAL

To: Alameda County Dept
of Env Health
1131 Harbor Bay Pky
Oakland, CA 94502

Date: May 10, 1995
Project: Joe Sio Chevrolet
SIO101/12104.2001

ATTN: Ms. Juliet Shin

- 1) For Review and Comment ()
- 2) For Approval ()
- 3) As Requested ()
- 4) For Your Use (x)

We are enclosing (x) / Sending under separate cover () :

No. of Copies	Description
1	Feasibility Study Status Letter Report

Comments:

Per my conversation with you today, 5/11/95.

By: David C. Tight



May 5, 1995
SIO101

Ms. Florence Ann Connors
Executor for the Estate of Josephine A. Dibble
1658 Del Dayo Drive
Carmichael, California 95608

Subject: FEASIBILITY STUDY STATUS
Joe Sio Chevrolet, 914 San Pablo Avenue, Albany, California
STID-3808

Dear Ms. Connors:

Philip Environmental Services Corp. (Philip), formerly Burlington Environmental Inc., is pleased to present the status of the Corrective Action Feasibility Study being conducted for the above referenced site in Albany, California (see Figure 1). This correspondence was requested during our telephone conversation on May 2, 1995.

The Corrective Action Feasibility Study is being conducted to evaluate options for remediating impacted groundwater and soil at the area of the former gasoline underground storage tank (UST), located beneath the sidewalk adjacent to San Pablo Avenue (see Figure 2). As we have discussed in numerous conversations, the preferred option to remediate these hydrocarbons at the site is to overexcavate the source area and pump impacted groundwater from the excavation pit until acceptable levels of impact in the groundwater have been reached.

On March 29, 1995, I visited the site and marked the proposed excavation area with spray paint. On March 30, 1995 Utilities Service Alert (USA) was notified of our proposed excavation activities. This public service prompts public utility companies to inspect proposed excavation areas, and mark the location of any underground utilities near or in the area to be excavated. On April 4, 1995, a utility locating survey company was subcontracted by Philip to evaluate the results of USA and further survey the area adjacent to the former UST for utilities or obstructions.

Figure 3 has been prepared to present the results of the surveys and illustrate the approximate locations of the underground utilities located adjacent to the former UST. As is clearly shown in the figure, extensive utilities transverse the proposed excavation area. These include electric lines, a gas line, telephone lines, and a sewer line beneath the sidewalk; and an electric line and a couple of unknown lines beneath the parking area. Based on this information, it is unwise to pursue excavation source removal at this site, unless the utility lines are removed prior to excavating, which is not feasible.

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Ms. Florence Ann Connors
Executor for the Estate of Josephine A. Dibble
May 5, 1995
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Other remedial options considered for the site, including air sparging with soil vapor extraction, groundwater pump-and-treat, and in-situ bioremediation are either not technically feasible or are prohibitively expensive. Therefore, it is Philip's recommendation that no active remedial action be pursued at this time.

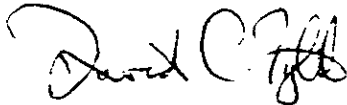
The petroleum hydrocarbons presently impacting the soil and groundwater adjacent to the former UST are lighter-end hydrocarbons, and will passively biodegrade over time. Furthermore, the groundwater in the two downgradient groundwater monitoring wells, MW-2 and MW-3, have consistently been relatively nondetect for petroleum hydrocarbons. The continued absence of hydrocarbons in these downgradient wells and a lowering in the hydrocarbon levels in well MW-1 over time could support reduction in monitoring frequency of the wells in the future, and could possibly enable the estate to ultimately secure site closure.

Philip further recommends that no formal Corrective Action Feasibility Study be completed at this time, based on the findings presented above.

Please feel free to call me to discuss this matter further. Thank you.

Sincerely,

PHILIP ENVIRONMENTAL



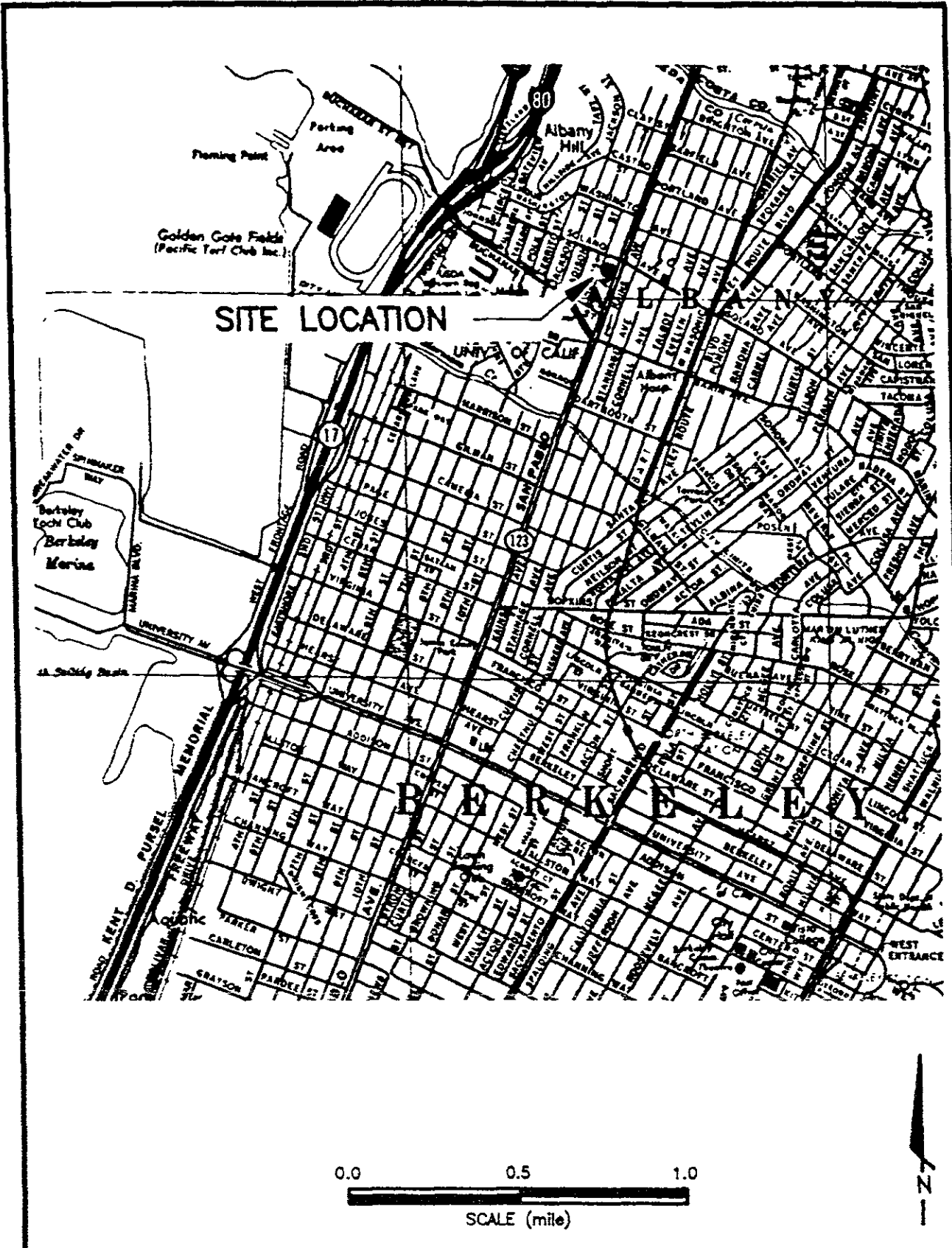
David C. Tight
Investigation/Remediation Manager

Enclosures: Figure 1 - Site Location Map
Figure 2 - Site Plan
Figure 3 - Former Gasoline UST Area

cc: Ms. Juliet Shin, Alameda County Department of Environmental Health

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SITE LOCATION

SITE LOCATION MAP
 Joe Sio Chevrolet
 914 - 916 San Pablo Avenue
 Albany, California

Figure 1

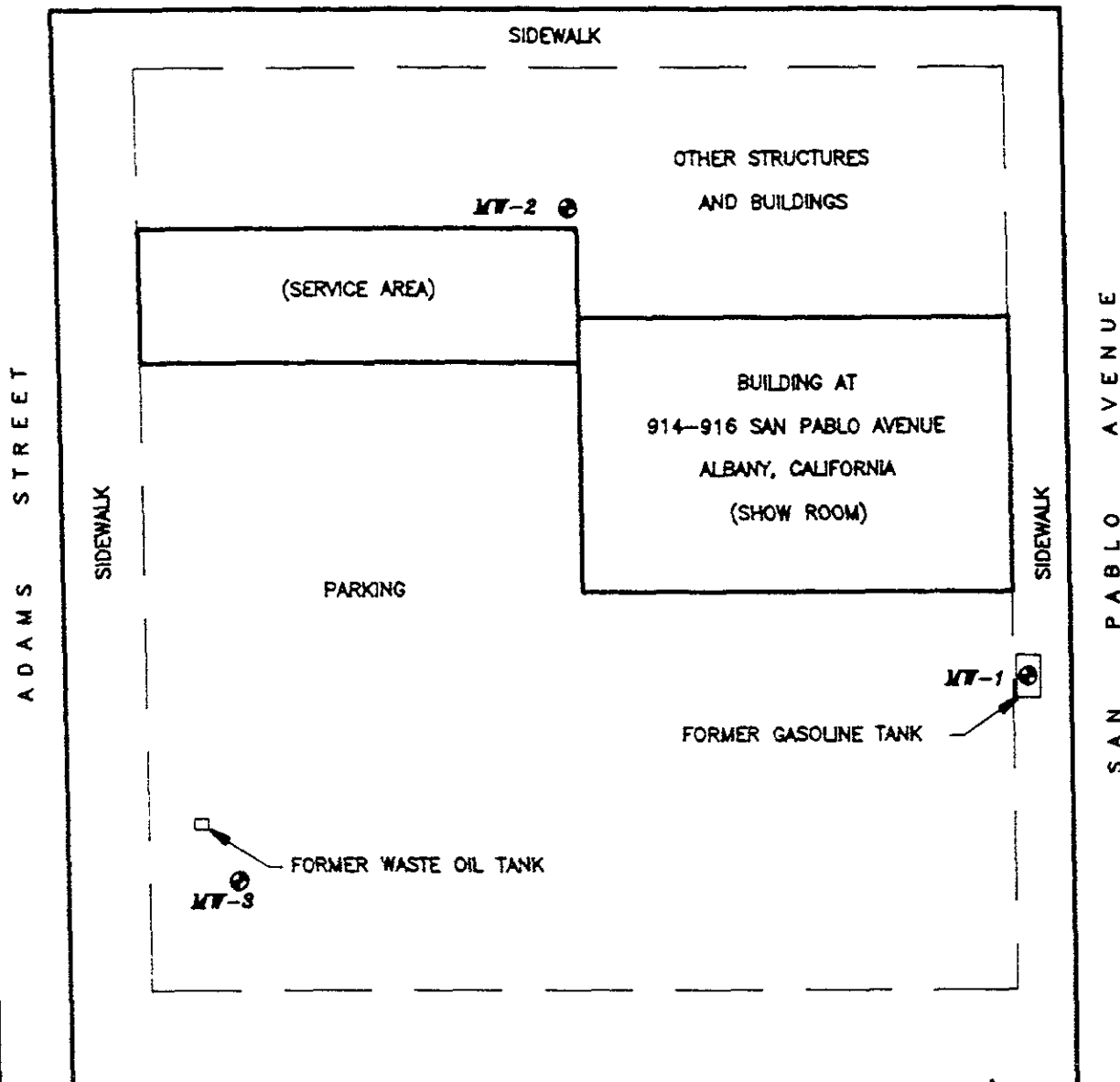
Project No. 12104	
Drawn By SBW	Date 5/27/94
Drawing No. ASI00101	



Reviewed By : *JC?*

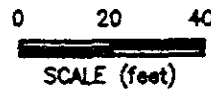
Date : *5/4/95*


SOLANO AVENUE

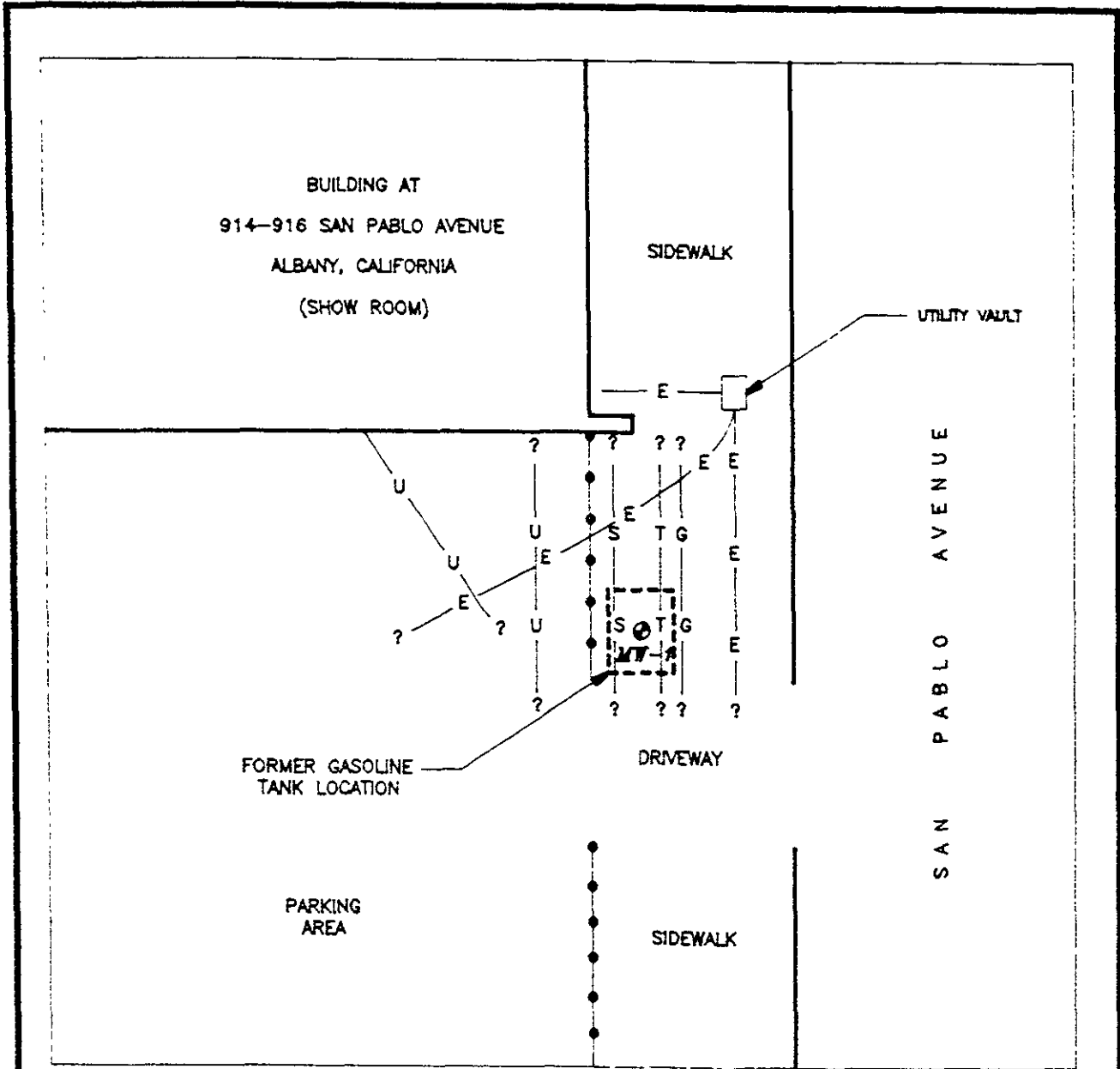


EXPLANATION

⊙ MONITORING WELL LOCATION



 BURLINGTON ENVIRONMENTAL INC.	SITE PLAN Joe Sio Chevrolet 914 - 916 San Pablo Avenue Albany, California		Figure 2	
	Reviewed By : <i>DS</i>		Date : 5/4/95	
	Project No. 12104		Drawn By SBW Date 11/2/94 Drawing No. ASI00102	



EXPLANATION

- ⊗ MONITORING WELL LOCATION
- THREE FOOT HIGH STEEL POLE
- ? — E — ? LOCATION OF ELECTRICAL LINE
- ? — G — ? LOCATION OF GAS LINE
- ? — S — ? LOCATION OF SEWER LINE
- ? — T — ? LOCATION OF TELEPHONE LINE
- ? — U — ? LOCATION OF UNIDENTIFIED UTILITY LINE

0 5 10

APPROXIMATE
SCALE (feet)



PHILIP
ENVIRONMENTAL

FORMER GASOLINE UST AREA

Joe Sio Chevrolet
914 - 916 San Pablo Avenue
Albany, California

Figure 3

Project No. 12104

Drawn By
SBW

Date
5/4/95

Reviewed By : *SBW*

Date : 5/4/95

Drawing No. ASI00107