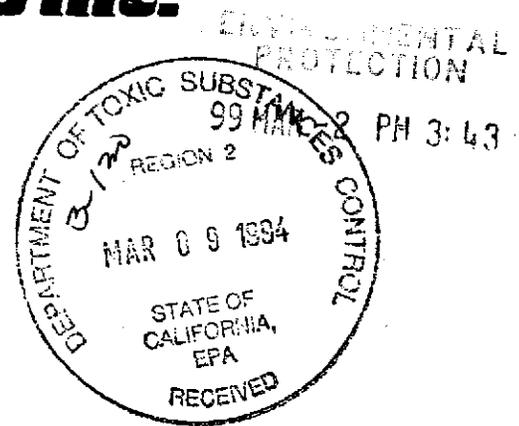


March 8, 1994

Department of Transportation (Caltrans)  
District 4 - Environmental Engineering  
P.O. Box 23660  
Oakland, CA 94623-0660



ATTENTION: Mr. Allan Chow

SUBJECT: ADDENDUM NO. 2602.01  
REVISED PEA REPORT  
Thomas A. Short Company (TASCO)  
3430 Wood Street  
Oakland, CA 94662

Dear Mr. Chow:

In response to the February 14, 1994 letter from Ms. Barbara Cook of CAL-EPA, DTSC, Aqua Science Engineers, Inc. (ASE) offers the following information/revisions.

Item 1

As depicted on Figure 3 attached, the pump dispenser and associated piping for the former USTs was positioned just east of and on top of the USTs, up against the building wall. *The excavation limits of the UST removal included the area underneath the pump dispenser.*

Equally, a soil sample was collected from the eastern sidewall (sample E2-9.5') and was analyzed for petroleum hydrocarbons as gasoline, diesel and BTEX by a certified analytical laboratory; the results indicated only low concentrations of all constituents tested (see Appendix X for the UST Closure Report). The sample E2-9.5' was collected 9.5' below the ground surface (at the capillary fringe) as directed by the ACHCSA representative.

The excavated material from underneath the pump dispenser was stockpiled on-site and covered with plastic. Prior to backfilling the UST excavation, it was discussed with and approved by the ACHCSA that further excavation would not be necessary and it appeared that further assessment of the soil within the excavation and its sidewalls would not be warranted.

Item 2

Please see the attached Figure 4 which has been modified to show the locations of the Geo/Resource borings TSA-1 and TSA-2.

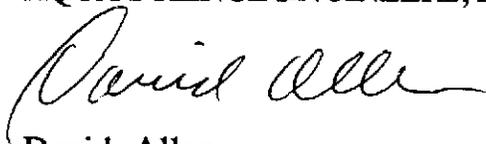
Item 3

Please see the attached Table 9 which has been changed, correcting the typographical error.

Should any further information become necessary, please feel free to give us a call at (510) 820-9391. It has been our pleasure working with you on this project.

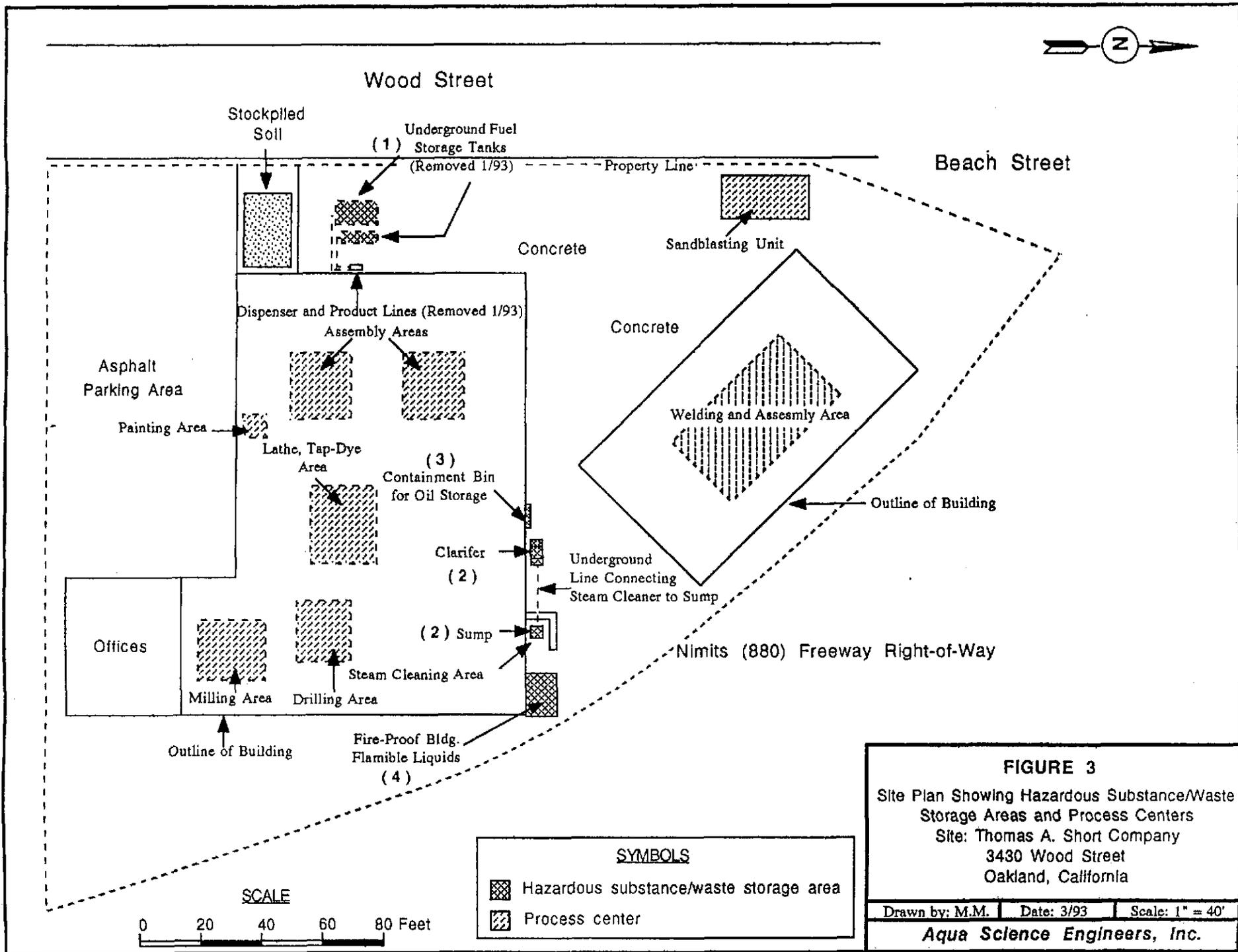
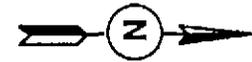
Respectfully submitted,

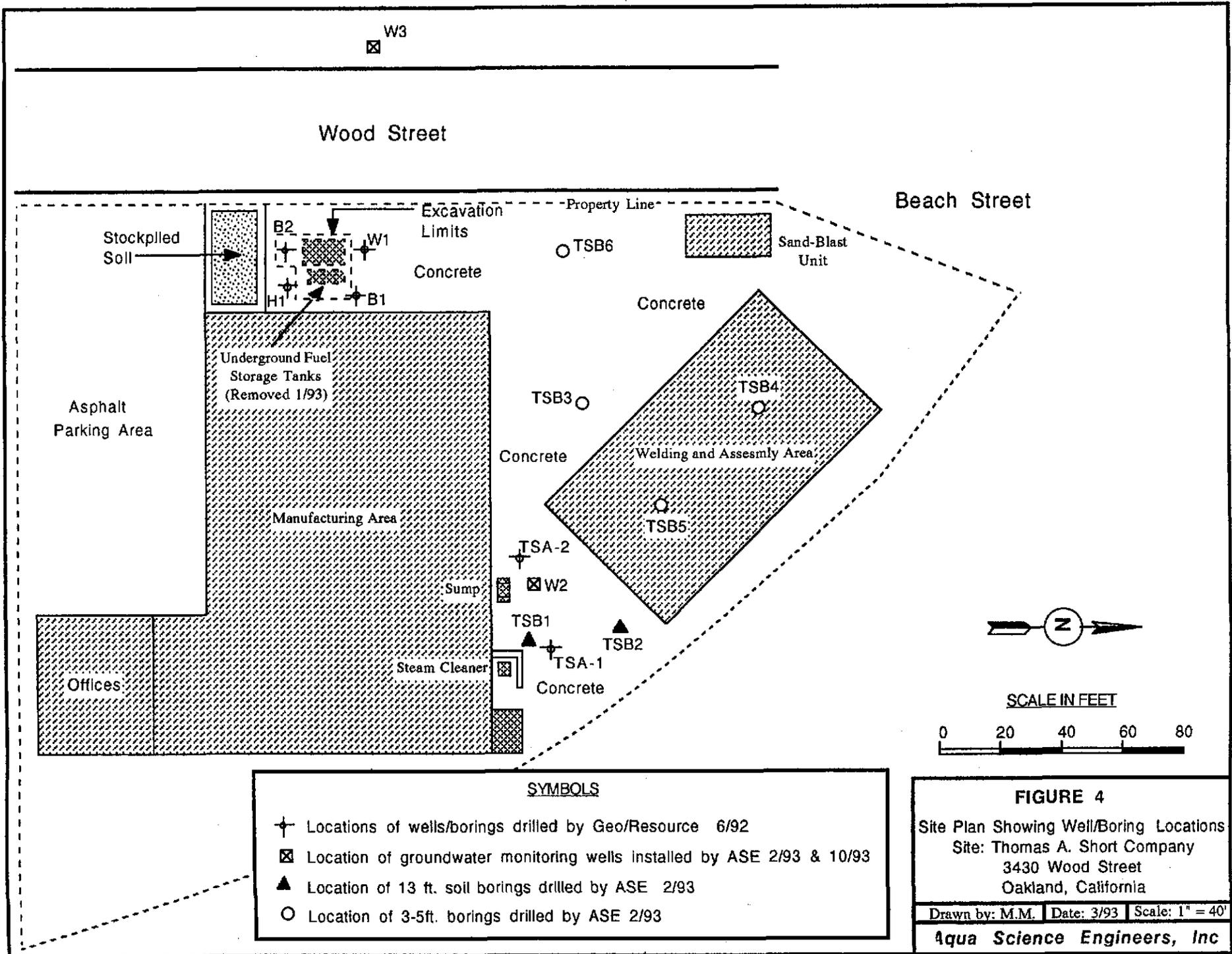
AQUA SCIENCE ENGINEERS, INC.



David Allen  
Project Manager

cc: Ms. Lynn Nakashima, CAL-EPA DTSC





**SYMBOLS**

+	Locations of wells/borings drilled by Geo/Resource 6/92
☒	Location of groundwater monitoring wells installed by ASE 2/93 & 10/93
▲	Location of 13 ft. soil borings drilled by ASE 2/93
○	Location of 3-5ft. borings drilled by ASE 2/93

**FIGURE 4**  
 Site Plan Showing Well/Boring Locations  
 Site: Thomas A. Short Company  
 3430 Wood Street  
 Oakland, California

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Drawn by: M.M. | Date: 3/93 | Scale: 1" = 40'

**Aqua Science Engineers, Inc**

TABLE 9

PH, CONDUCTIVITY, OIL AND GREASE, GASOLINE, DIESEL FUEL,  
 BENZENE, TOLUENE, ETHYLBENZENE, AND XYLENES  
 CHEMICAL ANALYSES RESULTS OF GROUNDWATER SAMPLES  
 COLLECTED BY ASE AT THE THOMAS A. SHORT COMPANY, OAKLAND, CA  
 ON FEBRUARY 12, AND OCTOBER 12 & 14, 1993

Ground Water Well ID	pH EPA 9040	Conduc- tivity EPA 120.1 [uS]	Oil and Grease EPA 418.1 [mg/L]	Gasoline EPA 5030/8015 [ug/L]	Diesel Fuel EPA 3510/8015 [ug/L]	Benzene EPA 602 [ug/L]	Toluene EPA 602 [ug/L]	Ethyl- benzene EPA 602 [ug/L]	Xylenes EPA 602 [ug/L]
2/12/93 W 1	6.7	14,000	NA	4,600	<50	15	16	22	64
W 2	6.7	1,300	8.1	NA	NA	<0.5	<0.5	<0.5	<0.5
10/12/93 & 10/14/93 W 1	6.6	6,200	NA	3,700	<50	4.2	6.8	7.2	26
W 2	7.0	6,600	<0.5	320	<50	<0.5	0.6	0.7	2.2
W 3	6.9	1,430	3.6	<50	<50	<0.5	<0.5	<0.5	<0.5
MCL	NL	NL	NL	NL	NL	1	NL	680	1,750

Note: "uS" is micromhos per centimeter

"mg/L" is milligrams of compound per liter of groundwater.

"ug/L" is micrograms of compound per liter of groundwater.

"NA" is not analyzed. - "<" is less than detection limit.

"NL" is not listed in *California Code of Regulations Title 22*.

"MCL" is maximum contaminant level for primary drinking water constituent.