A·C·C
ENVIRONMENTAL
CONSULTANTS

December 17, 1996

Need Zone 7 permit
Could just pressure grout
if Zone 7 allows

Ms. Eva Chu
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94501

RE: Groundwater Monitoring Well Destruction Work Plan
1825 Park Street, Alameda, California
ACC Project No. 96-6089-1.4

Dear Ms. Chu:

ACC Environmental Consultants, Inc., (ACC) presents this letter report Work Plan summarizing the proposed work to be completed at 1825 Park Street, Alameda, California, regarding monitoring well decommissioning for site closure (Figure 1).

BACKGROUND

Ms. Eva Chu with Alameda County Health Care Services Agency (ACHCSA) gave a verbal case closure on October 21, 1996; therefore, groundwater monitoring wells are no longer necessary at the site.

WELL DESTRUCTION PROCEDURES

As required by the Occupational Health and Safety Administration, 29 Code of Federal Regulations 1910.120, ACC has prepared a site specific Health and Safety Plan, attached, for the proposed work.

Four 2-inch-diameter monitoring wells, each with a total depth of 15 feet, are proposed to be destroyed by Gregg Drilling & Testing, Inc., Martinez, California (license C57-485165) (Figure 2). The permit for well destruction will be obtained from the Zone 7 Water Resources Management prior to performing field activities. ✓

The following procedures will be followed for each well to be destroyed.

- The monitoring wells to be destroyed will be investigated prior to destruction. The depth, casing diameter, and construction and sealing design of the well will be ascertained. The wells will be sounded immediately before destruction to determine whether there are obstructions within each wellbore that would interfere with overdrilling.

- All downhole equipment will be precleaned prior to drilling each boring.

- The monitoring wells will be destroyed by removing all materials within the original borehole (including the well casing, screen, filter pack, and annular seal) by overdrilling the borehole with hollow-stem augers with an internal diameter greater than the well casing, and an outside diameter equal to or greater than the diameter of the original boring. Well materials will be removed from the interior of the augers as they are advanced. Overdrilling will be completed to the depth of the original boring.

- The reamed borings will be backfilled with a neat cement grout containing 5% bentonite by weight as the augers are removed from each boring. The grout will be placed into the boring by freefall from the bottom of the hole to approximately 2 feet bgs. The boring will then be filled to existing grade with concrete and finished to match the surrounding surface.

Well screen, christy boxes, and well completion material will be placed in labeled drums and stored temporarily on site. Four soil samples will be collected from the drums at random and submitted to a state-certified laboratory for compositing and analysis. The samples collected will be composited into one sample and analyzed for lead by EPA Method 6010 and total petroleum hydrocarbons as gasoline, total petroleum hydrocarbons as diesel, and benzene, toluene, ethylbenzene and total xylenes by EPA Method 8015M/8020. The drummed soil will be disposed of properly, pending analytical results.

After completion of destruction, a letter report documenting procedures and analytical results will be submitted to regulatory agencies.

If you have any questions regarding this Work Plan, please call me at (510) 638-8400.

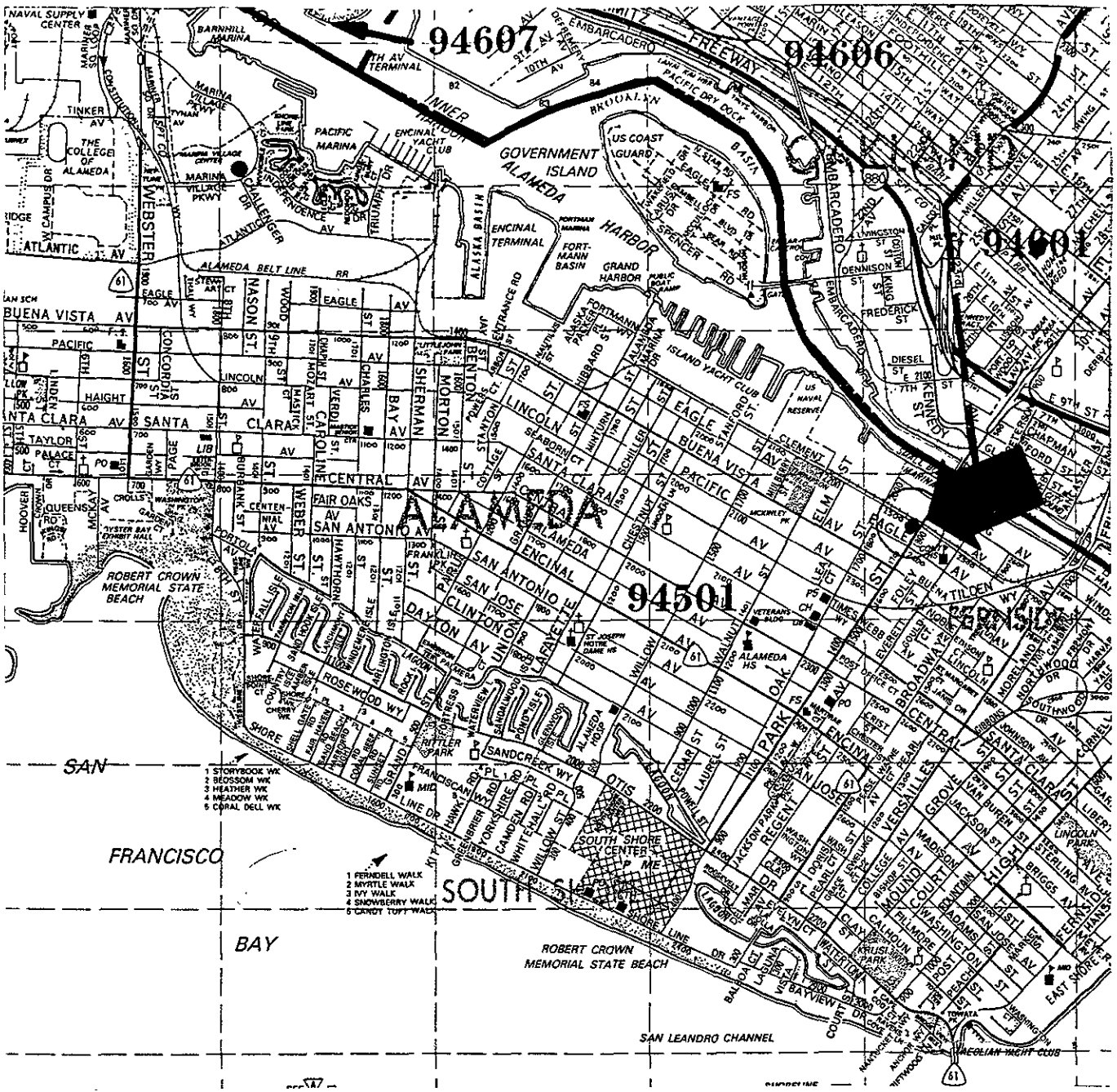
Sincerely,

David R. DeMent, RG
Senior Geologist

/mcr:drd

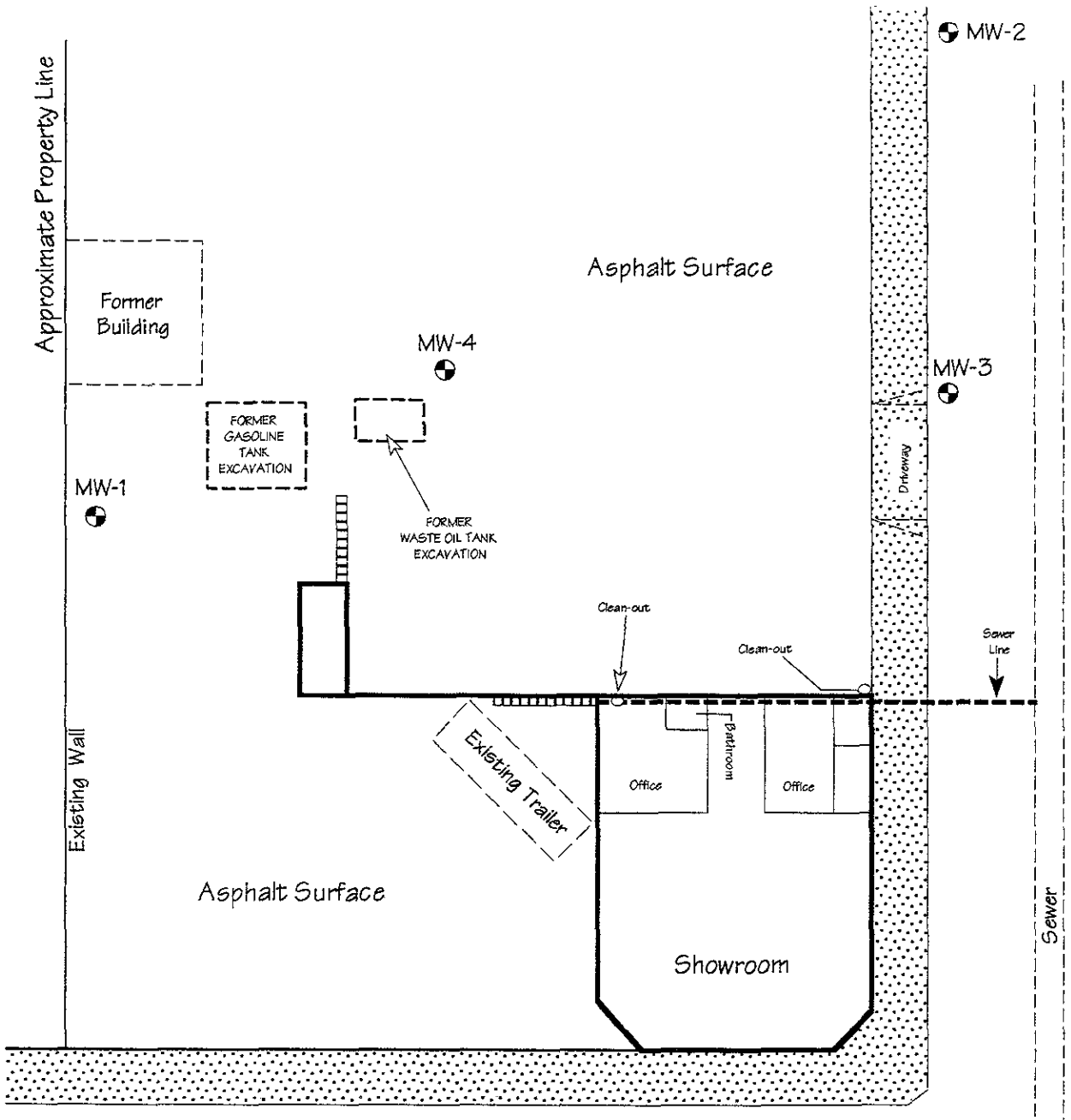
Enclosures

cc: Mr. Len Goode, Ron Goode Toyota



(Source: Thomas Brothers)

ACC Environmental Consultants, Inc. 7977 Capwell Drive, Suite 100 Oakland, California 94621		LOCATION MAP: Ron Goode Toyota Dealership 1825 Park Street Alameda, California	
Project No. 6089-1.1	Date: 8/20/95	Dn by: DRD	Figure No. 1



Legend

MW-1 - Monitoring Well Location

- Storm water grate

Title: Site Map 1825 Park Street Alameda, California	
Figure Number: 2	Scale: 1" = 30'
Drawn By: JVC	Date: 02/22/96
Project Number: 95-6089-1.4	

ACC Environmental Consultants
7977 Capwell Drive, Suite 100
Oakland, California 94621
(510) 638-8400 Fax: (510) 638-8404

W N S E

ACC - SITE SAFETY PLAN

A. GENERAL INFORMATION

Project Title: **Ron Goode Toyota, 1825 Park Street, Alameda**
Project No.: **96-6089-1.4**
Project Manager: **David DeMent**
Location: **1825 Park Street, Alameda**
Prepared by/date: **David DeMent/12/12/96**

Approved by/date: _____

Scope of Work/Objective(s): **Well Destruction**

Proposed Date of Field Activities: **December 1996**

Documentation/Summary:

Overall Chemical Hazard:	Serious [ ]	Moderate [ ]
	Low [X]	Unknown [ ]
Overall Physical Hazard:	Serious [ ]	Moderate [X]
	Low [ ]	Unknown [ ]

B. SITE/WASTE CHARACTERISTICS

Waste Types(s):
Liquid [ ] Solid [X] Sludge [ ] Gas/Vapor [ ]

Characteristics:

Flammable/Ignitable [ ]	Volatile [ ]	Corrosive [ ]	Acutely Toxic [ ]
Explosive [ ]	Reactive [ ]	Carcinogen [ ]	Radioactive [ ]

Other: _____

Physical Hazards:

Overhead [ ]	Confined Space [X]	Below Grade [ ]	Trip/Fall [X]
Puncture [ ]	Burn [ ]	Cut [ ]	Splash [X]
Noise [X]			

Other: _____

Site History/Description and Unusual Features:

Locations of Chemicals/Waste: **None**

Estimated Volume of Chemicals/Waste: **Unknown**

Site Currently in Operation: Yes [X] No [ ]

C. HAZARD EVALUATION

List and Evaluate Hazards By Task (i.e., sampling/drilling)

Task	Physical Hazard	Level of Protection
1	Drilling	D
2	Well Destruction	D
3	Sample Collection	D

Chemical Hazard Evaluation:

Compound	PEL/TWA	Route of Exposure	Acute Symptoms	Odor Threshold/Desc.
Gasoline	**300 ppm**	**inhalation, dermal, ingestion**	**Skin Blisters, Nausea, Central Nervous System Disorder**	**Characteristic Odor**

D. SITE SAFETY AND WORK PLAN

Site Control: Attach map of the site.

Perimeter identified? [Y] Site secured? [Y] Work areas identified? [Y]
Zone(s) of contamination identified? [N]

Air Monitoring: **Yes**

Contaminant of Interest: **Gasoline, diesel**

Type of Monitoring: **Air**

Frequency: **Continuous - As needed**

Equipment: **HNu**

Decontamination procedures and solutions: **Trisodium phosphate and water, triple rinsed**

Special Site Equipment: (Sanitary facilities, lighting, etc.): **None anticipated**

Site Entry Procedures and Special Considerations
Underground Service Alert notified to avoid underground utilities

Work Limitations (time of day, weather conditions, etc.) **N/A**

General Spill Control, if applicable: **N/A**
Investigation-Derived Material Disposal (expendables, cuttings, etc.)
Cuttings will be placed in 55-gallon drums, sealed, and labeled pending analytical results.

Sample Handling Procedures:
Soil samples collected in steel tubes, Teflon tape and plastic end caps taped to each end. Water samples collected in one-liter jars and 40 ml VOA vials, without headspace. All samples will be placed in ice-filled coolers until pick up by laboratory.

E. EMERGENCY INFORMATION

Ambulance **911**

Hospital Emergency Room: **Alameda Hospital, 2070 Clinton Avenue, Alameda (510) 522-3700**
Directions to Hospital: **Proceed southwest (right) on Park Street, turn right on Clinton Avenue; the hospital is on the on left at the corner of Willow Street**

Poison Control Center **911**
Police **911**
Fire Department **911**
Laboratory **Chromalab Inc.**
UPS/Fed. Express **N/A**

Client Contact **Mr. Len Goode**

SITE RESOURCES

Water Supply Source **On site**
Telephone **On site**
Cellular Phone, if available ---
Other ---

EQUIPMENT CHECKLIST

Protective Gear	Quantity	Equipment	Quantity	Equipment	Quantity
Respirator	1	PID (HNu)	1	Baggies	1 box
Organic Cartridges	2	Liter bottles	10	Chain of Custody Forms	1 set
Tyvek	1	VOA Vials	20	Labels	1 set
Gloves, Nitrile	1 pair	Surveyors Tape	1	Paper Towels	1 roll
Steel Toed Boots	1 pair	Rope	100 feet	Trash Bags	1
First Aid Kit	1	Camera/Film	1	Buckets	3
Safety Glasses	1 pair	Bailers	5	Brushes	2
Portable eye wash	1	Cooler	1	TSP	1 box
Ear Plugs	1 pair	Teflon Tape	1 roll	Boring Logs	1 set

SITE SAFETY REVIEW

General Information

Date **December 1996** **Time** _____ **Project No. 96-6089-1.4**

Site **1825 Park Street, Alameda, California**

Client Contact **Mr. Len Goode**
Objectives **Well Destruction**

Types of Chemicals Anticipated **Gasoline, diesel**

Topics Discussed: **Traffic management issues**

Physical Hazards **Typical Hazards associated with drilling**

Personal Protection **Level D, modified as required**

Decontamination **Equipment to be decontaminated after each boring. Rinsate water will be drummed.**

Special Site Considerations **Note: Working period perimeters (time of day), depending on traffic.**

ATTENDEES

Name Printed	Signature