

ENVIRONMENTAL
PROTECTION

97 MAR 17 PM 2:49

Castro Valley Autohaus
20697 Park Way
Castro Valley CA 94546
ATTN: Carrie Blackman

11 March 1997

Project No. P201

Letter Report
Abandonment of Monitoring Well MW-1
20697 Park Way
Castro Valley CA

Dear Ms. Blackman:

This letter report describes abandonment of monitoring well MW-1 at the subject property (Figures 1 and 2).

BACKGROUND

Monitoring well MW-1 was installed by D&D Management Consultants (San Jose CA) in February 1991 as part of soil and groundwater investigation activities related to a former underground tank release at the property. The well was constructed of 2-inch diameter PVC casing and installed to a depth of approximately 13-feet below ground surface. A copy of the boring log and well completion schematic for well MW-1 is contained in Attachment 1.

Well abandonment was performed pursuant to a letter dated 7 January 1997 from the Alameda County Health Care Services Agency indicating that no further action was necessary regarding the former underground tank release (Attachment 2).

WELL ABANDONMENT

Prior to well abandonment, a permit was obtained from the Alameda County Flood Control and Water Conservation District - Zone 7 (Attachment 3).

Well MW-1 was abandoned on 7 March 1997. Immediately prior to the well abandonment, the groundwater level was measured at a depth of 7.6-feet below ground surface and the total depth of the well was measured at a depth of 12.9-feet below ground surface.

The well was abandoned by overdrilling using 8-inch outside diameter hollow-stem augers. The augers penetrated approximately 15-feet below ground surface (2-feet below the maximum total depth shown on the boring log).

After extracting the PVC casing, filter pack, and surface seal from the well, the augers were placed back into the open hole and cement-bentonite grout (proportions: 5 gallons of water, 94-pounds of cement, 5 pounds bentonite) was placed through the hollow-stem of the augers. While placing grout, the augers were extracted until the hole was completely grouted. The theoretical volume of the hole and the grout take compared favorably. After grouting, the ground surface at the well location was patched with concrete.

No petroleum odors or staining were observed during well abandonment. Soil spoils (primarily comprised of filter pack material), grout spoils, traffic box, and PVC casing were disposed of as municipal waste.

Drilling work was performed by BayLand Drilling of Menlo Park CA. The Well Drillers Report (DWR 188) is included in Attachment 4.

If you have any questions, please call.

Sincerely,

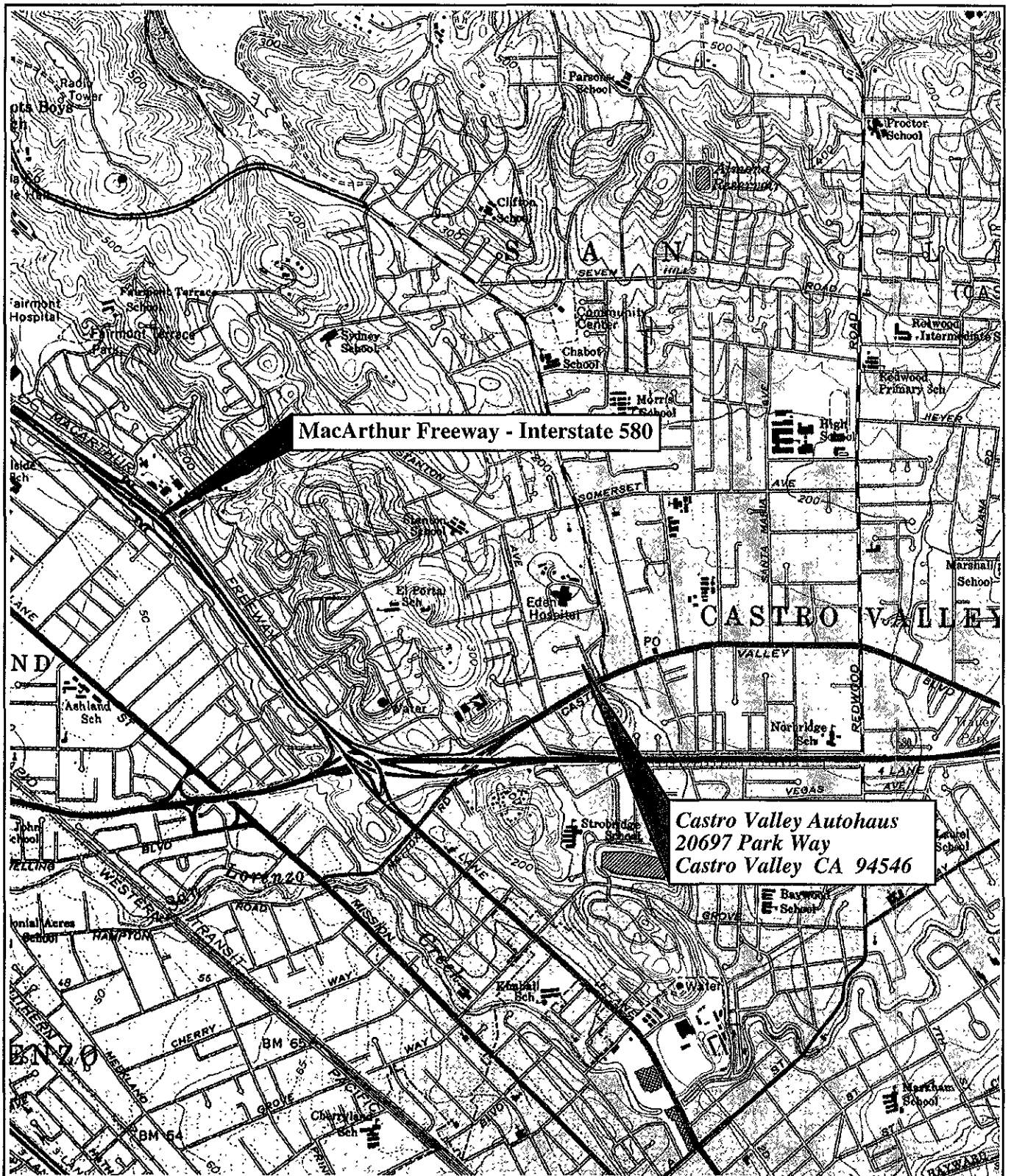
STREAMBORN



Mark W. Buscheck
Geologist

Attachments

cc: Amy Leech/Alameda County Health Care Services Agency, Oakland CA



Basemap Reference: U.S. Geological Survey, 7.5 Minute Quadrangle, Hayward CA, 1959 (Photorevised 1980)

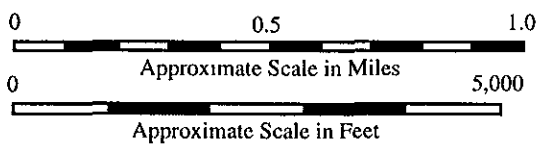
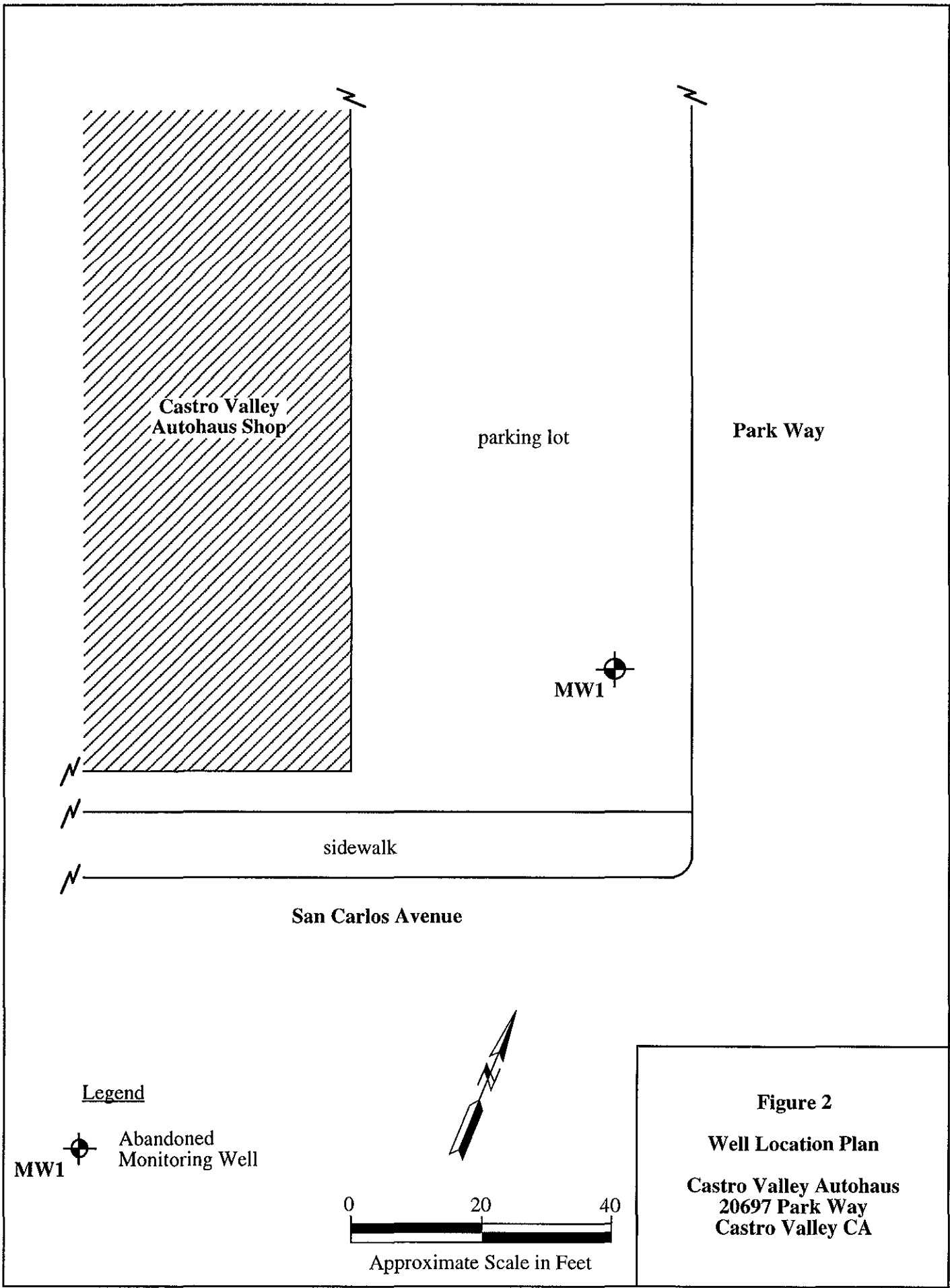


Figure 1

Location Map

Castro Valley Autohaus
20697 Park Way
Castro Valley CA



Castro Valley
Autohaus Shop

parking lot


Park Way

MW1

sidewalk

San Carlos Avenue

Legend

MW1  Abandoned
Monitoring Well



Approximate Scale in Feet

Figure 2

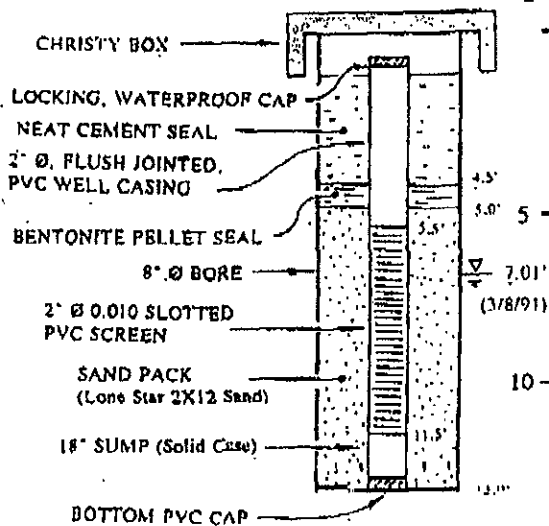
Well Location Plan

**Castro Valley Autohaus
20697 Park Way
Castro Valley CA**

ATTACHMENT 1

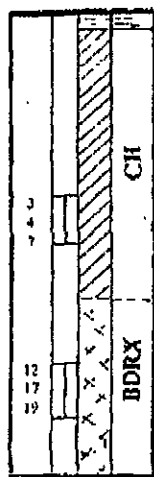
Boring Log and Well Completion Schematic

WELL CONSTRUCTION DETAILS



DEPTH (ft.)

BLOWS/FT.
SAMPLE LOG
SOIL TYPE



BORING LOG

DESCRIPTION

4" Asphalt and Base.

SILTY CLAY: High Plasticity, brownish black; very moist.

 Gray brown at 5'.

 Drilling harder and drier at 8'.

SHALE: Hard; dark gray with dark brown staining on fractures; dry with slight moisture on fractures at 10' depth.
 (then stiffening and dry during 1. 1. 1.)

Boring Terminated at 13.0' in shale 2/13/91. Free groundwater not evident at time of drilling, but perched water measured at 7.01' on 3/8/91, after rains.



Louis A. Richardson



CASTRO VALLEY AUTOHAUS
Castro Valley, CA

LOUIS A. RICHARDSON
Consulting Engineering Geologist

BORING AND MONITORING WELL LOG

PROJECT NO.	DATE	DRAWING NO.
463.45	March 1991	

ATTACHMENT 2

Well Destruction Request Letter From
Alameda County Health Care Services
Agency

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

StId 1440

January 7, 1997

Attn: Robert Blackman
Castro Valley Autohaus, Inc.
~~20097 Park Way~~ 20097 Park Way
Castro Valley CA 94546

Subject: Well destruction request for Castro Valley Autohaus, Inc. located at
20697 Park Way, Castro Valley CA 94546

The Alameda County Department of Environmental Health, Environmental Protection Division and the San Francisco Regional Water Quality Control Board have reviewed the case closure summary for the above referenced site and concur that no further action related to the release(s) from the former underground storage tanks is required at this time.

Please be advised that if there are no plans to continue groundwater monitoring, the one groundwater monitoring well (designated as MW-1) at the site must be properly decommissioned before our agency will issue the Remedial Action Completion Certification (closure letter). A report must be submitted to this office documenting the abandonment of the monitoring wells or a letter stating your intentions to continue groundwater monitoring at the site.

Well destruction permits may be obtained from Alameda County Flood Control and Water Conservation, Zone 7. Their telephone number is (510)484-2600. Additionally, you will need to notify this office 72 hours in advance of the well abandonment field activities.

Please call me at (510)567-6755 if you have questions.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Kevin Graves, RWQCB
Cheryl Gordon, SWRQB
Gordon Coleman, File(ALL)

ATTACHMENT 3

Alameda County Flood Control and Water
Conservation District - Zone 7 Well
Destruction Permit



ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600
FAX (510) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 20697 Park Way
Castro Valley CA 94546

PERMIT NUMBER 97143
LOCATION NUMBER 3S/2W 4R80

CLIENT

Name Castro Valley Autohaus (Robert & Caroline Blackman)
Address 20697 Park Way Voice 510/581-4525
City Castro Valley CA Zip 94546

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT

Name Streamborn Fax 510/528-2613
Address PO Box 8330 Voice 510/528-4234
City Berkeley CA Zip 94707-8330

TYPE OF PROJECT

Well Construction _____ Geotechnical Investigation _____
Cathodic Protection _____ General _____
Water Supply _____ Contamination _____
Monitoring _____ Well Destruction X

PROPOSED WATER SUPPLY WELL USE

Domestic _____ Industrial _____ Other _____
Municipal _____ Irrigation _____

DRILLING METHOD:

Mud Rotary _____ Air Rotary _____ Auger X
Cable _____ Other _____

DRILLER'S LICENSE NO. 374152 (BayLand Drilling)

WELL PROJECTS

Drill Hole Diameter 8 in. Maximum _____
Casing Diameter 2 in. Depth 15 ft.
Surface Seal Depth 5 ft. Number 1

GEOTECHNICAL PROJECTS

Number of Borings _____ Maximum _____
Hole Diameter _____ in. Depth _____ ft.

ESTIMATED STARTING DATE 7 March 1997
ESTIMATED COMPLETION DATE 7 March 1997

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-88.

APPLICANT'S SIGNATURE [Signature] Date 3 March 1997

A. GENERAL

1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well Projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremie cement grout shall be used in place of compacted cuttings.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

E. WELL DESTRUCTION. See attached

Approved [Signature] Date 6 Mar 97
Wyman Hong

6 March 1997

**ZONE 7
WATER RESOURCES ENGINEERING
DRILLING ORDINANCE**

**CASTRO VALLEY AUTOHAUS
20697 PARK WAY
CASTRO VALLEY
WELL 3S/2W 4R80
PERMIT 97143**

Destruction Requirements:

1. Drill out the well so that the casing, seal, and gravel pack are removed to the bottom of the well.
2. Sound the well as deeply as practicable and record for your report.
3. Using a tremie pipe, fill the hole to 2 feet below the lower of finished grade or original ground with neat cement.
4. After the seal has set, backfill the remaining hole with compacted material.

These destruction requirements as proposed by Mark Buscheck of Streamborn meet or exceed the Zone 7 minimum requirements.

ATTACHMENT 4

Well Drillers Report (DWR 188)

Alameda County Flood Control and Water
Conservation District - Zone 7
5997 Parkside Drive
Pleasanton CA 94588
ATTN: Wymon Hong

11 March 1997

Project No. P201

Abandonment of Monitoring Well MW-1
20697 Park Way
Castro Valley CA

Dear Mr. Hong:

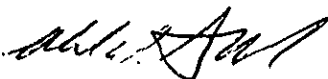
Attached is the Well Drillers Report (DWR 188) for the subject well.

The attached report includes property location map and well location plan.

We understand you will forward a copy of this report to the Department of Water Resources in Sacramento CA.

Sincerely,

STREAMBORN



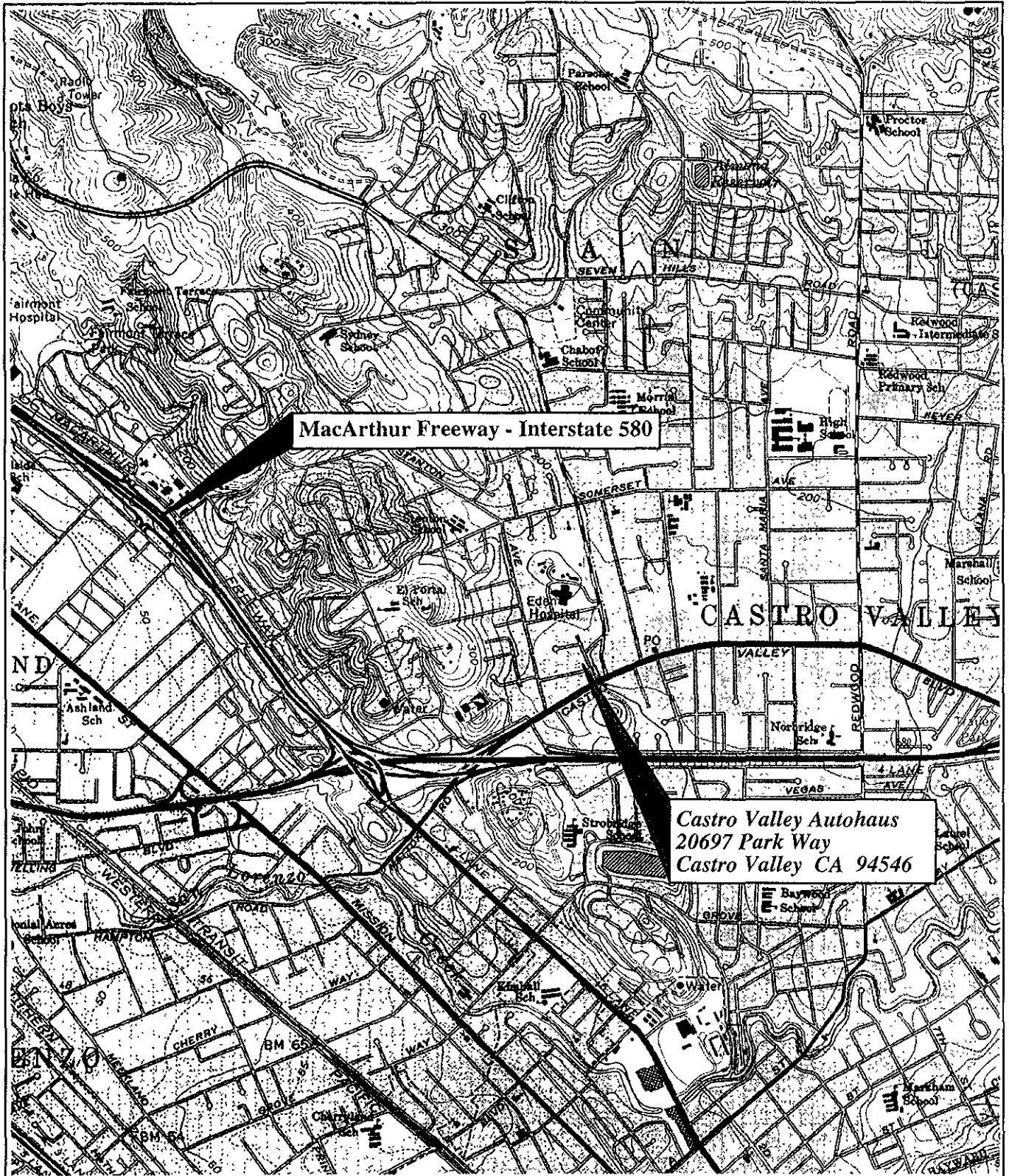
Mark W. Buscheck
Geologist

Attachments

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED



Basemap Reference: U.S. Geological Survey, 7.5 Minute Quadrangle, Hayward CA, 1959 (Photorevised 1980)

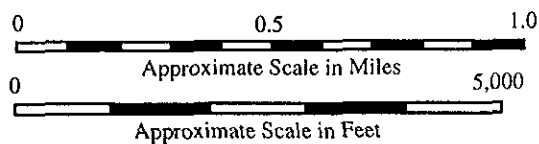
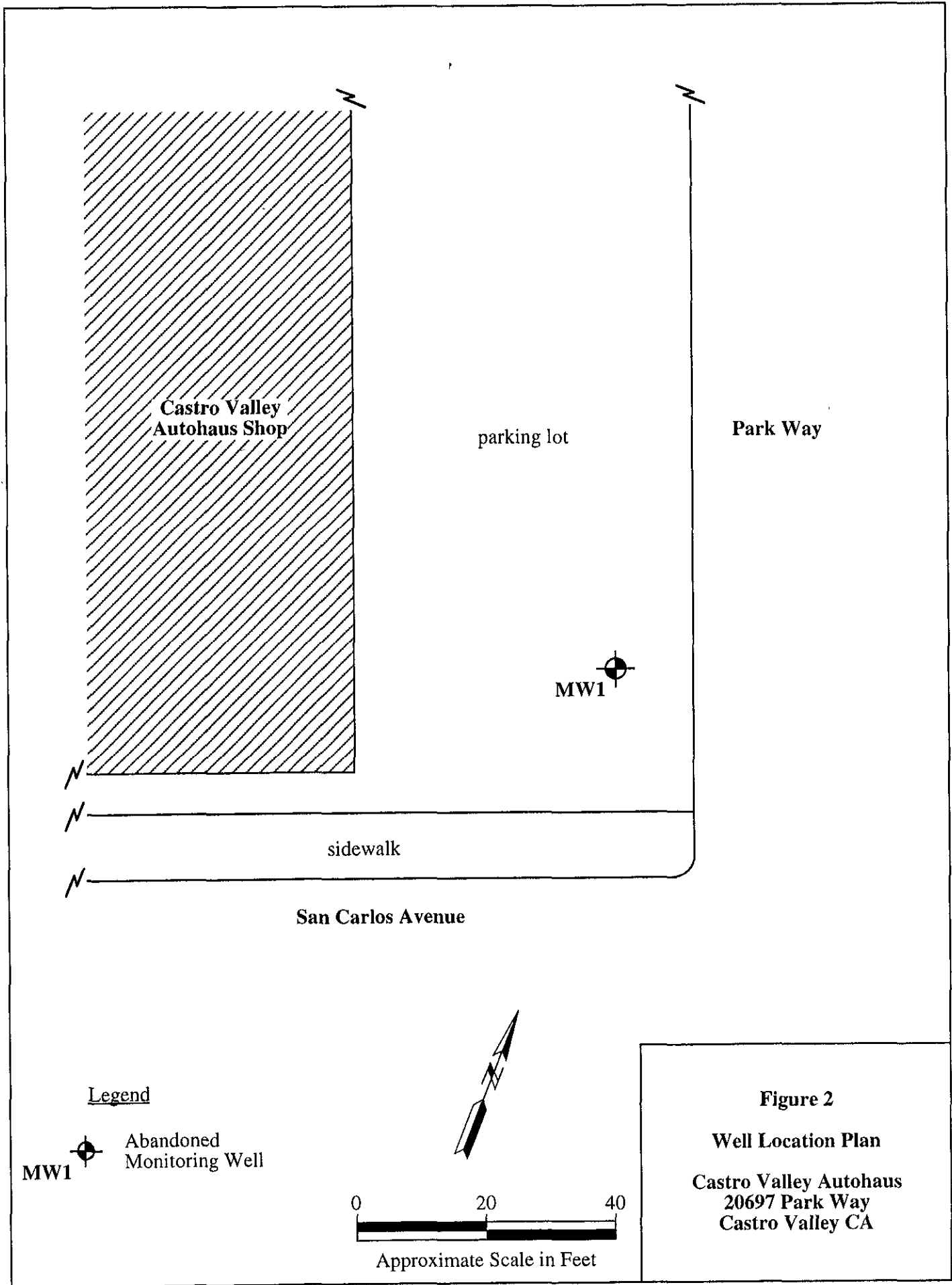


Figure 1

Location Map

**Castro Valley Autohaus
20697 Park Way
Castro Valley CA**



**Castro Valley
Autohaus Shop**

parking lot

Park Way

MW1

sidewalk

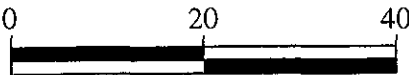
San Carlos Avenue

Legend

MW1



Abandoned
Monitoring Well



Approximate Scale in Feet

Figure 2

Well Location Plan

**Castro Valley Autohaus
20697 Park Way
Castro Valley CA**