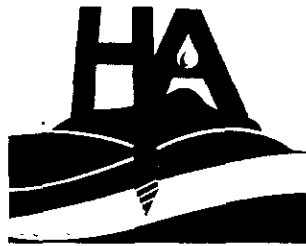


COPY



HYDRO ANALYSIS, INC.

Environmental & Water Resources Engineering  
Groundwater Consultants

March 29, 2002

**Roger Brewer**  
**California Regional Water Quality Control Board**  
**San Francisco Bay Region**  
**1515 Clay Street**  
**Suite 1400**  
**Oakland, CA 94612**

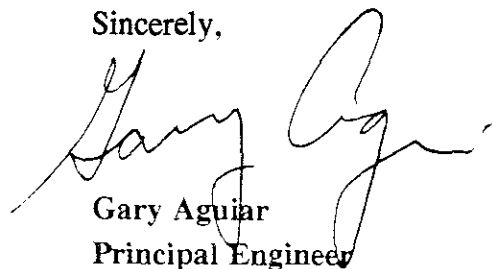
**RE: Federighi Property, 1300 to 1370 Davis Street, San Leandro, CA**

Dear Mr. Brewer:

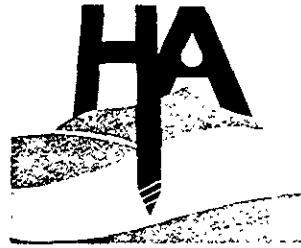
Please find enclosed a copy of the report titled "Certification of Well Destruction, Federighi Property, 1300 to 1370 Davis Street, San Leandro, CA" by Hydro Analysis, Inc., dated March 29, 2002. This report describes the destruction of the on-site water supply well MW-DC in accordance with the "Investigation Report And Proposed Final Corrective Action, Federighi Property, 1300 to 1370 Davis Street, San Leandro, CA" by Hydro Analysis, Inc., dated July 27, 2001.

If you have any questions, please contact me at (510)620-0891.

Sincerely,



Gary Aguiar  
Principal Engineer



HYDRO ANALYSIS, INC.

Environmental & Water Resources Engineering  
Groundwater Consultants

March 29, 2002

## **CERTIFICATION OF WELL DESTRUCTION**

### **FEDERIGHI PROPERTY**

1300 to 1370 Davis Street

San Leandro, California

### **Introduction**

In accordance with the "Investigation Report And Proposed Final Corrective Action, Federighi Property, 1300 to 1370 Davis Street, San Leandro, CA" by Hydro Analysis, Inc., dated July 27, 2001, the on-site water well MW-DC was destroyed. The manner of destruction and abandonment was consistent with the guidelines of the Alameda County Public Works Agency

**Permitting**

Prior to conducting the well destruction activities at the site, a Drilling Permit was obtained from the Water Resources Section of the Alameda County Public Works Agency (Permit No. W02-0011). A copy of the permit is attached.

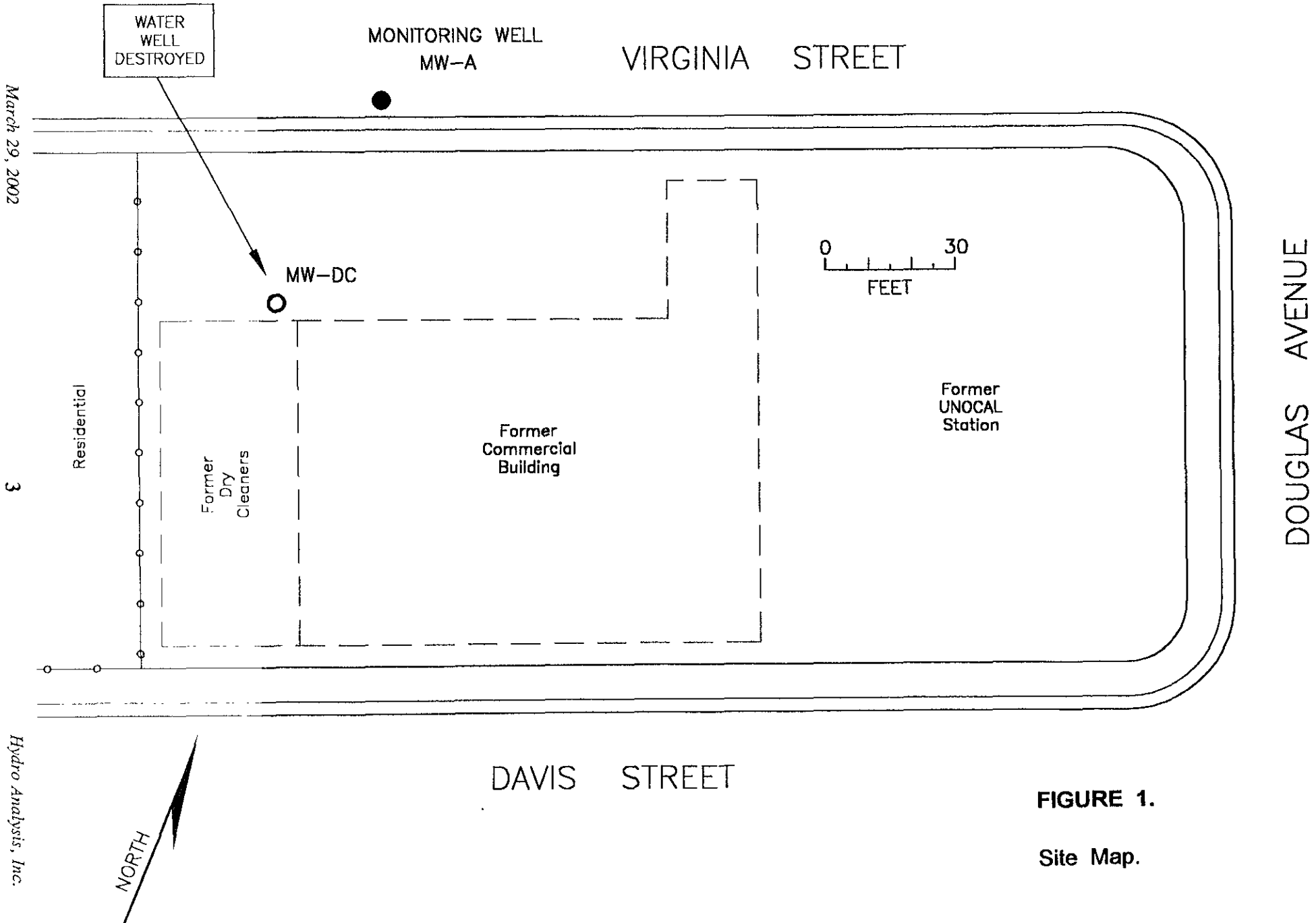
**Well Destruction**

On March 6, 2002, the existing water well MW-DC was destroyed. The location of the destroyed well is shown in Figure 1.

The work was conducted by Gregg Drilling of Martinez, California, under the supervision of Fred Hayden, California Registered Geologist. The well was destroyed by drilling out the entire depth of the well, removing all seal, casing and filter pack. The entire length of borehole was then tremie-filled with "neat" Portland cement. Prior to the well destruction, the total depth of the well below ground surface (bgs) was recorded:

WELL	TOTAL DEPTH (feet bgs)
MW-DC	29.5

A copy of the completed DWR 188 Form is attached.



**FIGURE 1.**

**Site Map.**

March 29, 2002

3

Hydro Analysis, Inc.

## Waste Generation

The small quantity of soil cuttings and filter-pack material generated by the well destruction activities was incorporated with the existing on-site dirt surface. As the drill cuttings were generated, they were spread out in a thin layer and allowed to aerate.

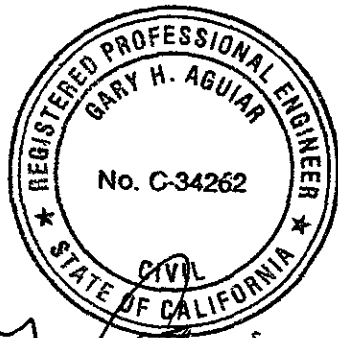
During the drilling operation, the steel well casing was broken into several smaller sections and was subsequently removed by Gregg Drilling for disposal as scrap metal.

CERTIFICATION OF WELL DESTRUCTION

FEDERIGHI PROPERTY

1300 to 1370 Davis Street, San Leandro, California

March 29, 2002



*Gary Aguiar*

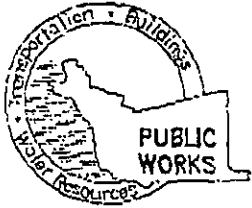
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EXP. 9-30-03

Gary Aguiar

RCE 34262

# ATTACHMENTS



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION  
399 ELMHURST ST. HAYWARD CA. 94544-1395  
PHONE (510) 670-5554  
FAX (510) 782-1939

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT  
1300-1370 Davis Street  
San Leandro CA

PERMIT NUMBER W02-0011  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

### PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT  
Name Federighi Family Trust  
Address 1051 Muir Ave Davis Blvd Phone (510) 620 0811  
City San Leandro CA Zip 94577

#### A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

APPLICANT  
Name Hydro Analysis Inc  
Address 1100 San Pablo Ave Phone (510) 620 0891  
City \_\_\_\_\_ Zip 94530

#### B. WATER SUPPLY WELLS

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.

#### TYPE OF PROJECT

Well Construction	Geotechnical Investigation
Cathodic Protection	General
Water Supply	Contamination
Monitoring	Well Destruction <b>X</b>

#### C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

#### PROPOSED WATER SUPPLY WELL USE

New Domestic <input checked="" type="checkbox"/>	Replacement Domestic <input type="checkbox"/>
Municipal <input type="checkbox"/>	Irrigation <input type="checkbox"/>
Industrial <input type="checkbox"/>	Other <input type="checkbox"/>

#### D. GEOTECHNICAL

Backfill hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.

#### DRILLING METHOD:

Mud Rotary <input type="checkbox"/>	Air Rotary <input type="checkbox"/>	Auger <input checked="" type="checkbox"/>
Cable <input type="checkbox"/>	Other <input type="checkbox"/>	

#### E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

DRILLER'S NAME Gregg Drilling

DRILLER'S LICENSE NO. C 57 H 4856 F

#### F. WELL DESTRUCTION

Send a map of work site. A separate permit is required for wells deeper than 45 feet.

#### WELL PROJECTS

Drill Hole Diameter <u>15"</u> in.	Maximum Depth <u>30</u> ft.	Owner's Well Number <u>MW-DC</u>
Casing Diameter <u>8 1/2"</u> in.		
Surface Seal Depth _____ ft.		

#### G. SPECIAL CONDITIONS

NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

2 Attached - MW Overfill

#### GEOTECHNICAL PROJECTS

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

ESTIMATED STARTING DATE 1/16/02  
ESTIMATED COMPLETION DATE 1/16/02

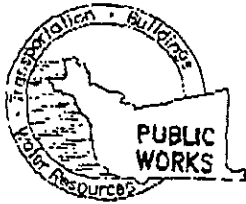
APPROVED [Signature] DATE 1-14-02

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68

APPLICANT'S SIGNATURE Fred Hayden DATE 1/9/02

PLEASE PRINT NAME Fred Hayden Rev 5-13-00





# ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION  
399 ELMHURST ST. HAYWARD, CA. 94544-1395  
PHONE (510) 670-5554 FAX (510) 782-1939

PERMIT NO. W02-0011

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## WATER RESOURCES SECTION GROUNDWATER PROTECTION ORDINANCE Destruction of Monitoring Wells (Less than 45 feet in depth)

### Destruction Requirements: OVERDRILL

1. Overdrill or clean out to original depth.
2. Remove any casing(s) and annular seal to 3-5 feet below finished grade of original ground, whichever is the lower elevation.
3. Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min.) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil.
4. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
5. Drilling permits are valid from the start date to the completion date. Permits can be extended by a phone call, but drilling permit applications will not be extended beyond 90 days from the approved start date.
6. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days.
7. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**