ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500 **Fax: (408) 292-2116**

March 27, 2000

File No. 7-93-556-SI

Ms. Molly Ghofrani
2000 Stratton Road
Walnut Creek California 94598

SUBJECT: MONITORING WELLS ABANDONMENT FROM THE PROPERTY
Located at 2740 98th Avenue, in
Oakland, California

Dear Ms. Ghofrani:

This letter is in regard to monitoring wells abandonment at the property located at 2740 98th Avenue, in Oakland, California.

After obtaining all the necessary permit from the Alameda County Public Works Agency-Water Resources Section (ACPWA-WRS), six monitoring wells (STMW-1 through STMW-6) were decommissioned on January 15, 1999, and one existing 7-inch monitoring well (W-4) was decommissioned on March 26, 2000. All the monitoring wells were decommissioned in accordance with ACPWA-WRS's guidelines and regulations for well abandonment.

Six wells (STMW-1 through STMW-6) were pressure grout, site restoration and concrete the top of the wells were completed on February 4, 1999.

The existing 7-inch well (W-4) was over-drill, site restoration and concrete the top of the well was completed on March 26, 2000.

Enclosed, please find the well destruction permit, site vicinity map, site plan and well abandonment completion reports.

If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500.

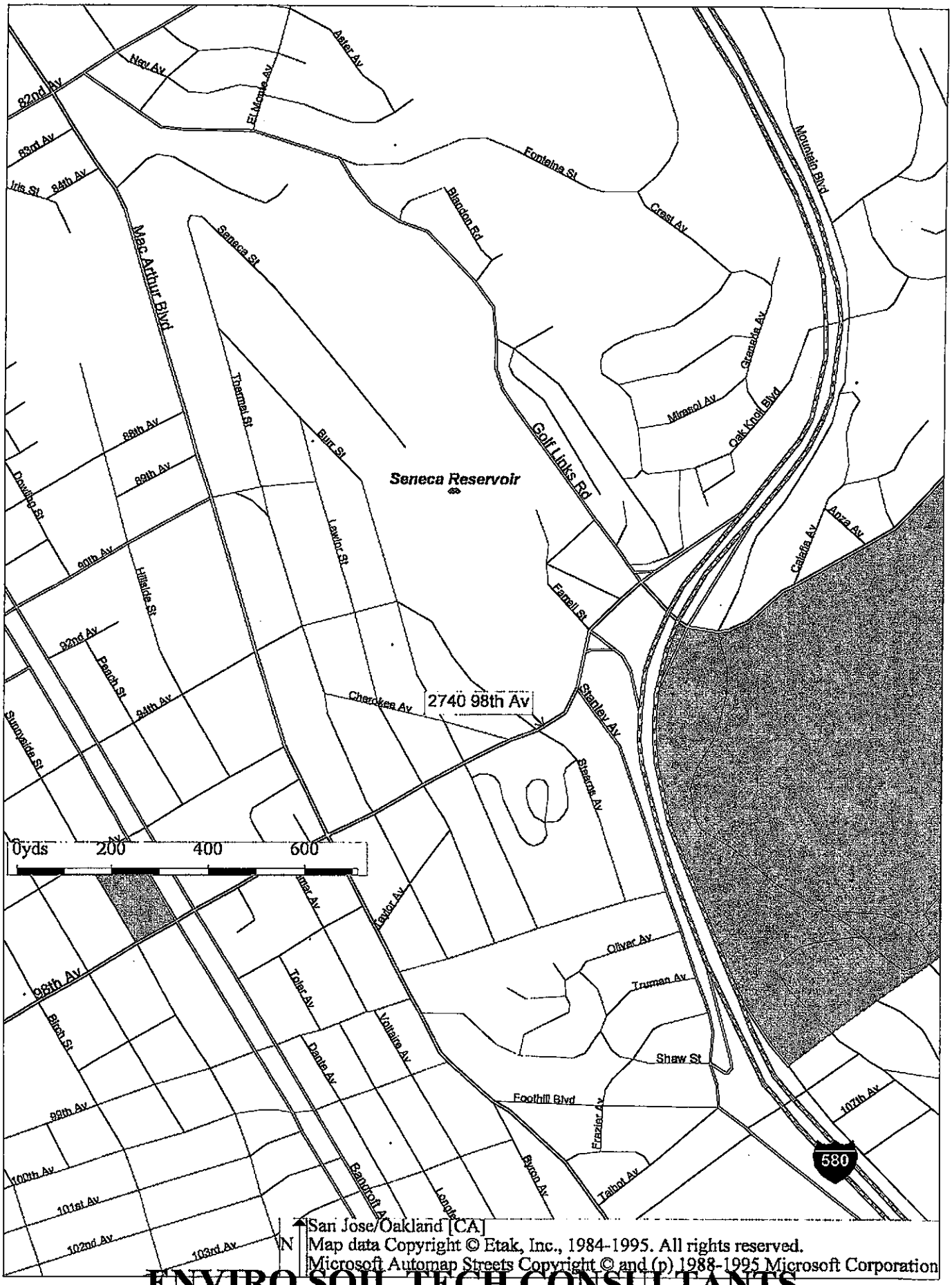
Sincerely,

ENVIRO SOIL TECH CONSULTANTS

FRANK HAMEDI-FARD
GENERAL MANAGER

LAWRENCE KOO, P. E.
C. E. 334928

File No. 7-93-556-SI



ENVIRO SOIL TECH CONSULTANTS

Figure 1

M1

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-6481 ALVIN EAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2740 98th Avenue
Oakland, CA 94605

California Coordinate Source ____ # Accuracy ± ____ ft.
CCN ____ X, POE ____ Y
APN ____

CLIENT
Name Molly Ghofrani
Address 2000 Stratton Road Phone 925-256-1039
City Walnut Creek Zip 94598

APPLICANT
Name Alpha Geo Services
Fax 408-292-2116
Address 131 Tully Road Phone 408-292-2090
City San Jose, CA Zip 95111

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☐	Well Construction	XX

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other ____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	XX Pressure Grout/Deep Drill		

DRILLER'S LICENSE NO. 507520

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum
Casing Diameter 2 / 4 in. Depth 40/11 ft.
Surface Seal Depth 17 ft. Number 6/1

GEOTECHNICAL PROJECTS
Number of Borings ____ Maximum
Hole Diameter ____ in. Depth ____ ft.

ESTIMATED STARTING DATE 12/04/98
ESTIMATED COMPLETION DATE 12/07/98

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

APPLICANT'S SIGNATURE [signature] DATE 11/30/98

FOR OFFICE USE

PERMIT NUMBER 98WR513
WELL NUMBER ____
APN ____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(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 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 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.

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.

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

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

(F.) WELL DESTRUCTION
See attached.

G. SPECIAL CONDITIONS

APPROVED [signature] DATE 12/2/98

*** TOTAL PAGE.02 ***

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

CONFIDENTIAL

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(WELL LOGS)

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(WELL LOGS)

REMOVED

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-5248 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2740 98th Avenue
Oakland, CA 94605

California Coordinates Source ____ % Accuracy ± ____ ft
CCN ____ ft. CCE ____ ft.
APN ____

CLIENT
Name Molly Ghofrani
Address 2000 Stratton Road Phone 925-256-1039
City Walnut Creek Zip 94598

APPLICANT
Name Alpha Geo Services
Fax 408-292-2116
Address 131 Tully Road Phone 408-292-2090
City San Jose, CA Zip 95111

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☐
Monitoring	☐	Well Destruction	XX

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other ____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	XX Pressure Grout		

DRILLER'S LICENSE NO. 507520

WELL PROJECTS

Drill Hole Diameter 8 in. Maximum
Casing Diameter 2 in. Depth 40 ft.
Surface Seal Depth 17 ft. Number 6

GEOTECHNICAL PROJECTS

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

ESTIMATED STARTING DATE 12/04/98
ESTIMATED COMPLETION DATE 12/07/98

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APPLICANT'S SIGNATURE [signature] DATE 11/30/98

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WELL NUMBER ____
APN ____

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

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See attached.

G. SPECIAL CONDITIONS

APPROVED ____ DATE ____

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WATER RESOURCES SECTION
951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
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FOR APPLICANT TO COMPLETE

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Oakland, CA 94605

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CCN ____ ft. CE ____ ft.
APN ____

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Water Supply	☐	Contamination	☐
Monitoring	☐	Well Destruction	XX

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other ____	☐

DRILLING METHOD:

Mud Rotary	☐	Air Rotary	☐	Auger	☐
Cable	☐	Other	XX Over-drill		

DRILLER'S LICENSE NO. 507520

WELL PROJECTS
Drill Hole Diameter N/A in. Maximum
Casing Diameter 7 in. Depth 19 ft.
Surface Seal Depth N/A ft. Number 1

GEOTECHNICAL PROJECTS
Number of Borings ____ Maximum
Hole Diameter ____ in. Depth ____ ft.

ESTIMATED STARTING DATE 12/04/98
ESTIMATED COMPLETION DATE 12/07/98

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

APPLICANT'S SIGNATURE [signature] DATE 11/30/98

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APN ____

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(F.) WELL DESTRUCTION
See attached.

G. SPECIAL CONDITIONS

APPROVED ____ DATE ____

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951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 670-5575 ANDREAS GODFREY FAX (510) 670-5262
(510) 670-5248 ALVIN KAN

WATER RESOURCES SECTION
GROUNDWATER PROTECTION ORDINANCE
For Pressure Grouting of Monitoring Well

2740 98TH AVE
OAKLAND

PERMIT NO. 98WR513

Destruction Requirements:

1. Clean out all bridged or poorly compacted materials to the bottom of the well.
2. Pressure grout the casing to 2 feet below finished grade or original ground, whichever is the lower elevation.
3. Remove casing, seal and gravel pack to 2 feet below finished grade or original ground, whichever is the lower elevation.
4. After the seal has set, backfill the remaining hole with compacted material.