

Rec'd 2/17/01

File No. 8-90-418-SI

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**WELLS ABANDONMENT  
AT THE PROPERTY  
LOCATED AT 2351 SHORELINE DRIVE  
ALAMEDA, CALIFORNIA  
SEPTEMBER 22, 2000**

**PREPARED FOR:  
MR. MURRAY STEVENS  
KAMUR INDUSTRIES, INC.  
2351 SHORELINE DRIVE  
ALAMEDA , CALIFORNIA 94501**

**BY:  
ENVIRO SOIL TECH CONSULTANTS  
131 TULLY ROAD  
SAN JOSE, CALIFORNIA 95111**

**SOIL TECH ENGINEERING, INC.**

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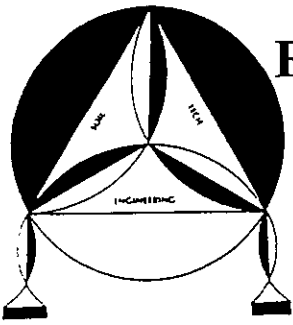
M1  
M2

**APPENDIX "B"**

ACWD'S SITE HAZARD INFORMATION  
ACPWA'S DRILLING PERMIT APPLICATION  
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PREVIOUS DESTROYED MONITORING WELL STMW-4  
PERMIT APPLICATION AND WELL COMPLETION REPORT



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

September 22, 2000

File No. 8-90-418-SI

**Mr. Murray Stevens**  
Kamur Industries, Inc.  
2351 Shoreline Drive  
Alameda, California 94501

## **SUBJECT: WELLS ABANDONMENT AT THE PROPERTY**

Located at 2351 Shoreline Drive, in  
Alameda, California

Dear Mr. Stevens:

This letter is in regarding to monitoring wells abandonment located at 2351 Shoreline Drive, in Alameda, California (Figure 1).

After obtaining all the necessary permits from the Alameda County Public Works Agency-Water Resources Section (ACPWA-WRS), monitoring well STMW-6 and vapor well P<sub>4</sub> were decommissioned on September 7, 2000. Two monitoring wells (STMW-1 and STMW-3) and vapor well P<sub>5</sub> were decommissioned on September 8, 2000. Monitoring well STMW-5 and vapor well P<sub>3</sub> were decommissioned on September 11, 2000. Monitoring well STMW-2 was decommissioned on September 12, 2000. Vapor wells P<sub>1</sub> and P<sub>2</sub> were decommissioned on September 14, 2000.

In addition, a 6-inch recovery well RW-1 was decommissioned on September 21, 2000. Monitoring well STMW-4 was previously decommissioned back on February 17, 1995 (see attached well completion report) Appendix "C".

All monitoring wells and a recovery well were drilled out and cement grouted to the surface. All vapor wells were pressured grout from the junction box through the lateral connection pipes.

All the monitoring wells were decommissioned in accordance with the Alameda County Public Works Agency's guidelines and regulations for well abandonment.

Site restoration for the property was completed on September 21, 2000.


Enclosed, please find the well destruction permits, site vicinity map, site plan and well 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 HAMEDIFARD  
GENERAL MANAGER

  
LAWRENCE KOO, P. E.  
C. E. #34928

**A P P E N D I X "A"**

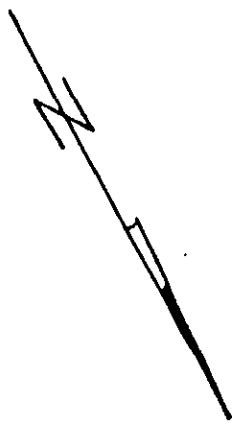
**SOIL TECH ENGINEERING, INC.**



San Jose Oakland [CA]  
Map data Copyright © Esri, Inc. 1984-1995. All rights reserved.  
Microsoft Automap Streets Copyright: © and (p) 1988-1995 Microsoft Corporation

# ENVIRO SOIL TECH CONSULTANTS

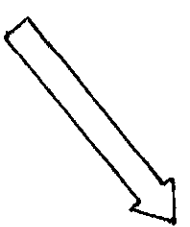
SHORELINE DRIVE



LION RESTAURANT

PARKING LOT

Approximate Direction  
of Groundwater Flow  
as of 12/20/96



◊ SIMW-4

◊ SIMW-2

P<sub>2</sub>

P<sub>1</sub>

Former  
Excavation Area

South Shore  
Carwash

Building Line

BIG 5  
Sporting Goods Store

P<sub>5</sub>

◊ SIMW-3

◊ RW-1

◊ SIMW-1

P<sub>3</sub>

P<sub>4</sub>

Parking Lot

◊ SIMW-6

Landscaping

◊ SIMW-5

2351 SHORELINE DRIVE, ALAMEDA, CALIFORNIA

DRAWN BY: N.A.

FIGURE 2

SCALE: 1"=30'

PROJECT NO. 8-90-418-SI

ENVIRO SOIL TECH CONSULTANTS

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

NOTE: Well SIMW-4 was destroyed back  
on 2/17/95.

**A P P E N D I X "B"**



**ALAMEDA COUNTY WATER DISTRICT**

43885 South Grimmer Blvd. • P.O. Box 5110, Fremont, CA 94537 • Tel No. (510) 659-1970  
Fax No. (510) 651-1760

<b>District Use Only</b>	
Well Permit No./Other No. _____	
Date Received _____	
Reviewed By: _____	
ACWD Site No.: _____	

**SITE HAZARD INFORMATION**

PLEASE PROVIDE THE FOLLOWING INFORMATION FOR THE SITE

Owner's Name: Kamur Industries, Inc.  
 Site Address: 2351 Shoreline Drive  
Alameda, CA 94501

Consultant On Site: Enviro Soil Tech Consultants Phone Number: (408) 297-1500  
 Site Safety Officer: Frank Hamedi Phone Number: (408) 297-1500  
 Type of Facility: Car wash

Anticipated Hazardous Substances - (Attach Additional Sheets, If Necessary):

(Please include concentrations below. Note if free product historically on site)

Name	Expected Concentrations (ppm) (List medium - i.e.: soil, water or air)	PEL (ppm)	Health Effects
<input type="checkbox"/> Gasoline	_____	_____	_____
<input type="checkbox"/> Diesel	_____	_____	_____
<input type="checkbox"/> Waste Oil	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____

**District Use Only**

Checked Against Reported \_\_\_\_\_

Anticipated Physical Hazards:

- Heat Stress
- Noise
- Traffic
- Underground Hazards
- Overhead Hazards
- Dust
- Excavations/Trenches
- Other: \_\_\_\_\_

Potential Biological, Explosion and/or Fire Hazards: None

Monitoring Equipment To Be Used On Site:

- Organic Vapor Analyzer
- Oxygen Meter
- Combustible Gas Meter
- Other: \_\_\_\_\_

SITE HAZARD INFORMATION

Level Of Personal Protection Equipment:  A  B  C  D

Personal Protective Equipment:

(R = Required A = As Needed, with description of action concentrations)

R Hard Hat

A Clothing (Type): \_\_\_\_\_

R Safety Shoes

A Respirator (Type): \_\_\_\_\_

R Orange Traffic Vest

A Cartridge (Type): \_\_\_\_\_

R Hearing Protection

R Gloves (Type): \_\_\_\_\_

A Safety Eyewear

Other: \_\_\_\_\_

Site Control Measures (i.e: Fire Extinguishers, Traffic Control Measures, etc.): N/A

Site Decontamination Procedures, If Any: N/A

Hospital/Clinic: Alameda Hospital Phone: (510) 522-3700

Hospital Address: 2070 Clinton Avenue, Alameda, CA

First Aid Equipment/Instructions Available On Site: 911

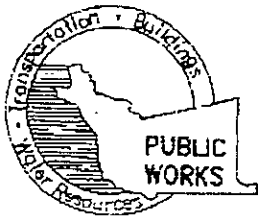
Emergency/Contingency Plans & Procedures, Special Instructions: 911

Site Hazard Information Provided By: Dianna Nguyen Phone: (408) 297-1500

Enviro Soil Tech Consultants Dianna Nguyen 8/14/2000  
Company Name & Title Signature Date

Secretary

District Use Only  
Type of Permit \_\_\_\_\_  
Other Comments \_\_\_\_\_



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

## WATER RESOURCES SECTION

961 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

FOR OFFICE USE

LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

PERMIT NUMBER \_\_\_\_\_  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

California Coordinates Source \_\_\_\_\_ Accuracy ± \_\_\_\_\_ ft  
CCN \_\_\_\_\_ ft OCE \_\_\_\_\_ ft  
APN \_\_\_\_\_

### PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT  
Name Kamur Industries, Inc.  
Address 2351 Shoreline Dr. Phone 510-523-7866  
City Alameda Zip 94501

#### 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.

APPLICANT  
Name Enviro Soil Tech Consultants  
Address 131 Tully Road Fax 408-292-2116  
City San Jose Phone 408-297-1500  
Zip 95111

#### 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  
Cathodic Protection  Geotechnical Investigation  
Water Supply  General   
Monitoring  Contamination   
Well Destruction

#### 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  Replacement Domestic   
Municipal  Irrigation   
Industrial  Other \_\_\_\_\_

#### 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.

DRILLING METHOD:  
Mud Rotary  Air Rotary  Auger   
Cable  Other

#### E. CATHODIC

Fill hole above anode zone with concrete placed by tremie

DRILLER'S LICENSE NO. 507520

#### F. WELL DESTRUCTION

See attached.

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

#### G. SPECIAL CONDITIONS

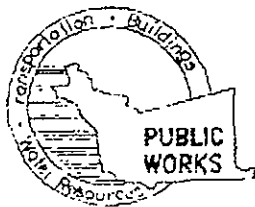
GEOTECHNICAL PROJECTS  
Number of Borings \_\_\_\_\_ Maximum Depth \_\_\_\_\_ ft  
Hole Diameter \_\_\_\_\_ in.

ESTIMATED STARTING DATE 8/18/2000  
ESTIMATED COMPLETION DATE 8/22/2000

APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

I hereby agree in conformity with the requirements of this permit and Alameda County Ordinance No. 72, 683

DATE 8/14/2000



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

**WATER RESOURCES SECTION**  
 399 ELMHURST ST. HAYWARD CA. 94544-1395  
 PHONE (510) 670-5554 MARLON MACALLANES/FRANK CODD (510) 670-5783  
 FAX (510)782-1939

## DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

PERMIT NUMBER \_\_\_\_\_  
 WELL NUMBER \_\_\_\_\_  
 APN \_\_\_\_\_

**PERMIT CONDITIONS**  
 Circled Permit Requirements Apply

CLIENT Kamur Industries, Inc.  
 Name 2351 Shoreline Dr. Phone 510-523-7866  
 Address Alameda Zip 94501  
 City \_\_\_\_\_

APPLICANT Enviro Soil Tech Consultants  
 Name 131 Tully Road Fax 408-292-2116  
 Address San Jose Phone 408-297-1500  
 City \_\_\_\_\_ Zip 95111

**TYPE OF PROJECT**

Well Construction	<input type="checkbox"/>	Geotechnical Investigation	<input type="checkbox"/>
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input type="checkbox"/>
Monitoring	<input checked="" type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

**PROPOSED WATER SUPPLY WELL USE**

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

**DRILLING METHOD:**

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

DRILLER'S NAME Alpha Geo Services  
 DRILLER'S LICENSE NO. 507520

**WELL PROJECTS**

Drill Hole Diameter _____ in	Maximum
Casing Diameter <u>6</u> in.	Depth <u>9</u> ft.
Surface Seal Depth _____ ft.	Owner's Well Number <u>RW-1</u>

**GEOTECHNICAL PROJECTS**

_____	Maximum
_____	Depth _____ ft.

ESTIMATED STARTING DATE 9/21/2000  
 ESTIMATED COMPLETION DATE 9/21/2000

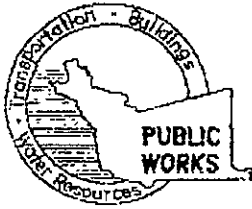
APPROVED \_\_\_\_\_ DATE \_\_\_\_\_

Application subject to all requirements of this permit and Alameda County Ordinance No. 73-08

APPLICANT'S NAME Frank Hamedl-Fard DATE 9/19/2000  
 PLEASE PRINT NAME \_\_\_\_\_ Rev 6-3-00

- 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
- 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 by tremie with cement grout or cement grout/sand mixture. Upper two-thirds feet replaced in kind or with compacted cuttings
- E. CATHODIC**
- Fill hole anode zone with concrete placed by tremie
- F. WELL DESTRUCTION**
- See attached requirements for destruction of shallow wells. Send a map of work site. A different permit application is required for wells deeper than 45 feet
- 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.



## ALAMEDA COUNTY PUBLIC WORKS AGENCY

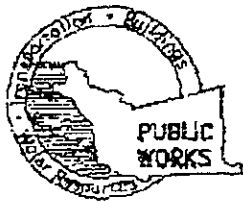
WATER RESOURCES SECTION  
955 ELMHURST ST. HAYWARD, CA. 94544-1395  
PHONE (510) 670-5554 FAX (510) 782-1939

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

#### Destruction Requirements:

1. Overdrill or clean out to original depth.
2. Remove any casing(s) and annular seal to 2 feet below finished grade of original ground, whichever is the lower elevation.
3. Destroy well by grouting neat cement with a tremie pipe to the bottom of the well and by filling with neat cement to three (3) 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. Permit is void if project not begun within 90 days of approval 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.



**ALAMEDA COUNTY PUBLIC WORKS AGENCY**

**WATER RESOURCES SECTION**

399 ~~Elmwood~~ St.  
 PHONE (510) 470-5584  
 (510) 470-5783

HAYWARD, CA 94544-1395  
 FAX (510) 782-1939

**DRILLING PERMIT APPLICATION**

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

California Coordinates Source	Accuracy	Of
CCN	1. PCE	1
APN		

CLIENT  
 Name Kamur Industries, Inc.  
 Address 2351 Shoreline Dr. Phone 510-523-7866  
 City Alameda Zip 94501

APPLICANT  
 Name Enviro Soil Tech Consultants  
 Address 137 Tully Road Fax 408-292-2116  
 City San Jose Phone 408-297-1500  
 Zip 95111

TYPE OF PROJECT

Well Construction	Geotechnical Investigation
Cathodic Protection <input type="checkbox"/>	General <input type="checkbox"/>
Water Supply <input type="checkbox"/>	Contamination <input type="checkbox"/>
Monitoring Well <input checked="" type="checkbox"/>	Well Destruction <input type="checkbox"/>

PROPOSED WATER SUPPLY WELL USE

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

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"/>	

DRILLER'S LICENSE NO. 507520

WELL PROJECTS  
 Drill Hole Diameter 8 in. Maximum Depth 15 ft.  
 Casing Diameter 2 in. Number 1  
 Surface Seal Depth 2 ft. SMW-1

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

ESTIMATED STARTING DATE 8/18/2000  
 ESTIMATED COMPLETION DATE 8/22/2000

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

APPLICANT'S SIGNATURE [Signature] DATE 8/14/2000

FOR OFFICE USE

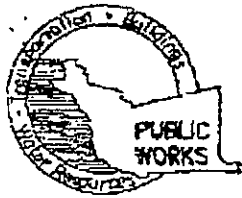
PERMIT NUMBER WD-495  
 WELL NUMBER \_\_\_\_\_  
 APN \_\_\_\_\_

**PERMIT CONDITIONS**

Circled Permit Requirements Apply

- A. GENERAL
  - 1. A permit application should be submitted as early as possible 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 ratings of heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, cement grout shall be used in place of compacted cuttings.
- E. CATHODIC
  - Fill hole above grade zone with concrete placed by tremie.
- F. WELL DESTRUCTION
  - See attached.
- G. SPECIAL CONDITIONS

APPROVED [Signature] DATE 8-14-00



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

349 ELMHURST ST. HAYWARD, CA 94544-1395
PHONE (510) 670-5954 FAX (510) 782-1939
(510) 670-5783

HAYWARD, CA 94544-1395
FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2351 Shoreline Drive
Alameda, CA

California Coordinates Source Accuracy
CCY Accuracy
APN

CLIENT
Name: Kamar Industries, Inc.
Address: 2351 Shoreline Dr. Phone: 510-523-7866
City: Alameda Zip: 94501

APPLICANT
Name: Enviro Soil Tech Consultants
Address: 131 Tully Road Phone: 408-292-2116
City: San Jose Zip: 95111

TYPE OF PROJECT
Well Construction Geotechnical Investigation
Cathodic Protection
Water Supply
Monitoring Well

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S LICENSE NO. 507520

WELL PROJECTS
Drill Hole Diameter 8 in Maximum
Casing Diameter 2 in Depth 15 ft
Surface Seal Depth 2 ft Number 1

GEOTECHNICAL PROJECTS
Number of Borings
Hole Diameter in Depth ft

ESTIMATED STARTING DATE 8/18/2000
ESTIMATED COMPLETION DATE 8/22/2000

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

APPLICANT'S SIGNATURE DATE 8/14/2000

FOR OFFICE USE

PERMIT NUMBER WPD-497
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 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.

K. 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 coatings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, treated cement grout shall be used in place of compacted coatings.

E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION

See attached.

G. SPECIAL CONDITIONS

APPROVED DATE 8-14-00



**ALAMEDA COUNTY PUBLIC WORKS AGENCY**

**WATER RESOURCES SECTION**

399 ~~Elmhurst St.~~ Hayward, CA 94544-1395  
 PHONE (510) 670-5504 FAX (510) 782-1939  
 (510) 670-5783

**DRILLING PERMIT APPLICATION**

**FOR APPLICANT TO COMPLETE**

LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

California Coordinates Source	Accuracy ±
CCN	R. E. C. E.
MPN	

CLIENT  
 Name Kamay Industries, Inc.  
 Address 2351 Shoreline Dr. Phone 510-523-7866  
 City Alameda Zip 94501

APPLICANT  
 Name Enviro Soil Tech Consultants  
 Address 131 Tully Road Fax 408-292-2116  
 City San Jose Phone 408-297-1500  
 Zip 95111

**TYPE OF PROJECT**

Well Construction		Geomechanical Investigation	
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input type="checkbox"/>
Monitoring Well	<input checked="" type="checkbox"/>	Well Destruction	<input type="checkbox"/>

**PROPOSED WATER SUPPLY WELL USE**

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

**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"/>		

DRILLER'S LICENSE NO. 507520  
Alpha Geo Services 3-31-01 exp

**WELL PROJECTS**  
 Drill Hole Diameter 8 in. Maximum 15 ft.  
 Casing Diameter 2 in. Depth 15 ft.  
 Surface Seal Depth 2 ft. Number 1

**GEOTECHNICAL PROJECTS**  
 Number of Borings \_\_\_\_\_ Maximum \_\_\_\_\_ ft.  
 Hole Diameter \_\_\_\_\_ in. Depth \_\_\_\_\_ ft.

ESTIMATED STARTING DATE 8/18/2000  
 ESTIMATED COMPLETION DATE 8/22/2000

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

APPLICANT'S SIGNATURE [Signature] DATE 8/14/2000

**FOR OFFICE USE**

PERMIT NUMBER WD-496  
 WELL NUMBER \_\_\_\_\_  
 APN \_\_\_\_\_

**PERMIT CONDITIONS**

Cited 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, tremie cement grout shall be used in place of compacted cuttings.

**E. CATHODIC**

Fill hole above anode zone with concrete placed by tremie.

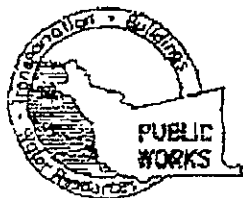
**F. WELL DESTRUCTION**

See attached.

**G. SPECIAL CONDITIONS**

APPROVED [Signature] DATE 8-14-00





**ALAMEDA COUNTY PUBLIC WORKS AGENCY**

**WATER RESOURCES SECTION**

399 ELMHURST ST., BAYWARD, CA 94604-1395  
 PHONE (510) 470-5554 FAX (510) 782-1939  
 (510) 470-5783

**DRILLING PERMIT APPLICATION**

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

PERMIT NUMBER WD-494  
 WELL NUMBER \_\_\_\_\_  
 APN \_\_\_\_\_

California Coordinates Source: ACE Accuracy: R  
 GCM \_\_\_\_\_  
 APN \_\_\_\_\_

**PERMIT CONDITIONS**

Critical Permit Requirements Apply

CLIENT  
 Name Kamur Industries, Inc.  
 Address 2351 Shoreline Dr. Phone 510-523-7866  
 City Alameda Zip 94501

- 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 sheets for geotechnical projects.
  3. Permit is void if project not begun within 90 days of approval date.

APPLICANT  
 Name Enviro Soil Tech Consultants Fax 408-292-2176  
 Address 137 Tully Road Phone 408-297-1500  
 City San Jose Zip 95111

**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 70 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, treated ceramic 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**

**TYPE OF PROJECT**

Well Construction		Geotechnical Investigation	
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input type="checkbox"/>
Monitoring Well	<input checked="" type="checkbox"/>	Well Destruction	<input type="checkbox"/>

**PROPOSED WATER SUPPLY WELL USE**

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

**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"/>		

DRILLER'S LICENSE NO. 507520

**WELL PROJECTS**

Alpha Geo Services 3-31-01  
 Drill Hole Diameter 8 in. Maximum Depth 15 ft.  
 Casing Diameter 2 in. Number 1  
 Surface Seal Depth 2 ft.

**GEOTECHNICAL PROJECTS**

Number of Borings \_\_\_\_\_ Maximum Depth \_\_\_\_\_ ft.  
 Hole Diameter \_\_\_\_\_ in.

ESTIMATED STARTING DATE 8/18/2000

ESTIMATED COMPLETION DATE 8/22/2000

APPROVED \_\_\_\_\_ DATE 8-19-00

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 13-61.

APPLICANT'S SIGNATURE \_\_\_\_\_ DATE 8/14/2000



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

## WATER RESOURCES SECTION

399 E. UNIVERSITY ST.  
HAYWARD, CA 94544-1395  
PHONE (510) 670-9554  
(510) 670-5783

HAYWARD, CA 94544-1395  
FAX (510) 782-1939

### DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

PERMIT NUMBER WD-493  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

California Contractors Source	Accuracy	Dr.
CCN	ACE	
PCN		

### PERMIT CONDITIONS

Circled Permit Requirements Apply

CLIENT  
Name Kumar Industries, Inc.  
Address 2351 Shoreline Dr. Phone 510-523-7866  
City Alameda Zip 94501

- 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.

APPLICANT  
Name Enviro Soil Tech Consultants  
Address 131 Tully Road Fax 408-292-2116  
City San Jose Phone 408-297-1500  
Zip 95111

- 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 <input type="checkbox"/>	General <input type="checkbox"/>
Water Supply <input type="checkbox"/>	Contamination <input type="checkbox"/>
Monitoring Well <input checked="" type="checkbox"/>	Well Destruction <input type="checkbox"/>

- 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 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 bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, treated cement grout shall be used in place of 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 above annular zone with concrete placed by tremie.
- F. WELL DESTRUCTION**  
See attached.
- G. SPECIAL CONDITIONS**

DRILLER'S LICENSE NO. 507520

WELL PROJECTS Alpha GEO Services 3-31-01

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

**GEOTECHNICAL PROJECTS**

Number of Boings \_\_\_\_\_ Maximum Depth \_\_\_\_\_ ft.  
Hole Diameter \_\_\_\_\_ in.

ESTIMATED STARTING DATE 8/18/2000  
ESTIMATED COMPLETION DATE 8/22/2000

APPROVED \_\_\_\_\_ DATE 8/19/00

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

APPLICANT'S SIGNATURE \_\_\_\_\_ DATE 8/14/2000



# ALAMEDA COUNTY PUBLIC WORKS AGENCY

**WATER RESOURCES SECTION**  
399 ELMHURST ST. HAYWARD CA. 94544-1395  
PHONE (510) 470-8554  
FAX (510) 782-1939

## DRILLING PERMIT APPLICATION

**FOR APPLICANT TO COMPLETE**  
LOCATION OF PROJECT 2351 Shoreline Drive  
Alameda, CA

**FOR OFFICE USE**  
PERMIT NUMBER W00-595  
WELL NUMBER \_\_\_\_\_  
APN \_\_\_\_\_

CLIENT Kumar Industries, Inc.  
Name 2351 Shoreline Dr. Phone 510-523-7866  
Address Alameda Zip 94501  
City \_\_\_\_\_

APPLICANT Enviro Soil Tech Consultants  
Name 131 Tully Road Fax 408-292-2116  
Address San Jose Phone 408-297-1500  
City San Jose Zip 95111

TYPE OF PROJECT			
Well Construction	<input type="checkbox"/>	Geotechnical Investigation	<input type="checkbox"/>
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input type="checkbox"/>
Monitoring	<input checked="" type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

PROPOSED WATER SUPPLY WELL USE			
New Domestic	<input type="checkbox"/>	Replacement Domestic	<input type="checkbox"/>
Municipal	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	Other	<input type="checkbox"/>

DRILLING METHOD:			
Max Rotary	<input type="checkbox"/>	Air Rotary	<input type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Auger	<input checked="" type="checkbox"/>

DRILLER'S Alpha Geo Services  
DRILLER'S LICENSE NO. ERT5770  
exp. 3-31-01

WELL MEASUREMENTS  
Drill Hole Diameter \_\_\_\_\_ in. Maximum Depth 9 ft.  
Casing Diameter 6 in. Owner's Well Number FW-1  
Surface Seal Depth \_\_\_\_\_ ft.

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

ESTIMATED STARTING DATE 9/21/2000  
ESTIMATED COMPLETION DATE 9/21/2000

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.  
APPLICANT'S SIGNATURE Frank Hamadi-Farid DATE 9/19/2000  
PLEASE PRINT NAME Frank Hamadi-Farid REV. 6-3-00

### 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 original Department of Water Resources-Well Completion Report.
  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**  
Recess bore hole by tremie with cement grout at cement grout/mud mixture. Upper two-three feet replaced in liquid or with nonpneumated cuttings.
- E. CATHODIC**  
Fill hole and/or zone with concrete placed by tremie
- F. WELL DESTRUCTION**  
See attached requirements for destruction of shallow wells. Send a map of work site. A geotechnical permit application is required for wells deeper than 45 feet.
- G. SPECIAL CONDITIONS**

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

APPROVED [Signature] DATE 9-20-00

**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**

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**

**A P P E N D I X "C"**

21 October 1994

ZONE 7  
WATER RESOURCES ENGINEERING  
DRILLING ORDINANCE

MURRAY STEVENS  
2351 SHORE LINE DRIVE  
ALAMEDA  
WELL 2S/3W 13K80  
PERMIT 94678

Destruction Requirements:

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

These destruction requirements as proposed by Frank Hamedl of Alpha Geo Services meet or exceed the Zone 7 minimum requirements.



# ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE

PLEASANTON, CALIFORNIA 94588

VOICE (510) 484-2600

FAX (510) 482-3914

## DRILLING PERMIT APPLICATION

**FOR APPLICANT TO COMPLETE**

**FOR OFFICE USE**

LOCATION OF PROJECT 2351 Shore Line Dr.  
Alameda CA 94501

PERMIT NUMBER 94678  
LOCATION NUMBER 2S/3W 13K80

**CLIENT**

Name Murray Stevens  
Address 2351 Shore Line Dr. Voice (510) 523-7866  
City Alameda Zip 94501

**PERMIT CONDITIONS**

Circled Permit Requirements Apply

**APPLICANT**

Name Alpha Geop Services Fax (415) 988-3343  
Address 298 Broken Rd. Voice (408) 988-1032  
City SANTA CLARA Zip 95050

**TYPE OF PROJECT**

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

Cathodic Protection  
 Water Supply  
 Monitoring  
 Geotechnical Investigation  
 Contamination  
 Well Destruction

**PROPOSED WATER SUPPLY WELL USE**

Domestic  Industrial  Other   
Municipal  Irrigation

**DRILLING METHOD:**

Aud Rotary  Air Rotary  Auger   
Cable  Other

DRILLER'S LICENSE NO. 50752.0 C57

**WELL PROJECTS**

Drill Hole Diameter	<u>8</u> in.	Maximum	
Casing Diameter	<u>2</u> in.	Depth	<u>15</u> ft.
Surface Seal Depth	<u>4</u> ft.	Number	<u>1</u>

**GEOTECHNICAL PROJECTS**

Number of Borings		Maximum	
Hole Diameter	<u>      </u> in.	Depth	<u>      </u> ft.

ESTIMATED STARTING DATE 11/3/94  
ESTIMATED COMPLETION DATE 11/4/94

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

**APPLICANT'S**

SIGNATURE W. Amis Date 10/20/94

- 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, tremied 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

Wyman Hong  
Wyman Hong

Date 21 Oct 94

**CONFIDENTIAL**

STATE OF CALIFORNIA DWR  
WELL COMPLETION REPORT  
(WELL LOGS)

**REMOVED**