



ENVIRONMENTAL MANAGEMENT, INC.

STD / RO
3566 / 86

November 15, 2001
Project C80-001127C1

Mr. Barney M. Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

**Re: Well Destructions – MW-1 through MW-11 and
VW-1 through VW-5
Former Texaco Service Station
1127 Lincoln Avenue
Alameda, California**

Dear Mr. Chan:

On behalf of Equiva Services LLC (Equiva), KHM Environmental Management, Inc. (KHM) has prepared this letter documenting the destruction of monitoring wells MW-1 through MW-11 and vapor extraction wells VW-1 through VW-5, located at and adjacent to 1127 Lincoln Avenue in Alameda, California (Figure 1). The wells were destroyed in accordance with your letter to the Leo and Maria Pagano Trust dated August 7, 2001 (Attachment A). Permits to destroy the sixteen noted wells were obtained from the Alameda County Public Works Agency (Permit #s: W01-802 through W01-817). Copies of the permits are provided in Attachment B.

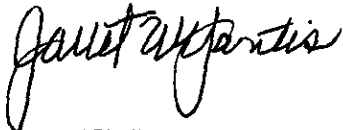
The noted wells were destroyed on October 9 through 12, 2001. KHM employed Gregg Drilling to destroy the wells (License C57-485165). KHM personnel oversaw all well destruction activities. The sixteen noted wells were over-drilled utilizing 8-inch diameter (MW-6, MW-7, and VW-1 through VW-5) and 12-inch diameter (MW-1 through MW-5 and MW-8 through MW-11) hollow-stem augers. Total depths of the wells ranged from approximately 8 ½ feet to 9 ½ feet below grade (VW-1 through VW-5), and from approximately 14 ½ feet to 20 feet below grade (MW-1 through MW-11).

After drilling out the former well-casings, cement-seals, and gravel pack, a tremie pipe was placed to the bottom of each well-boring and grout pumped into the borehole to approximately 2-feet below grade. A cement grout with approximately 5% bentonite was used for sealing of the borehole. After the grout had solidified, the remaining 2-feet of each borehole were backfilled with concrete to the ground surface.

All drill cuttings were placed in an approximate 8-foot wide by 16-foot long metal bin for temporary on-site storage. A composite sample of the drill cuttings was collected and submitted for laboratory analyses (TPH-g/BTEX/Lead) to profile the soils for disposal. KHM arranged with Phillips Services Corporation (Phillips) to remove the residual drill cuttings and transported them to an appropriate landfill.

Should you have any questions please call either Janet Yantis or Lee Dooley.

Sincerely,
KHM Environmental Management, Inc.



Janet W. Yantis
Project Geologist



R. Lee Dooley
Project Manager

Attachments:

Figure 1 – Site and Vicinity Map

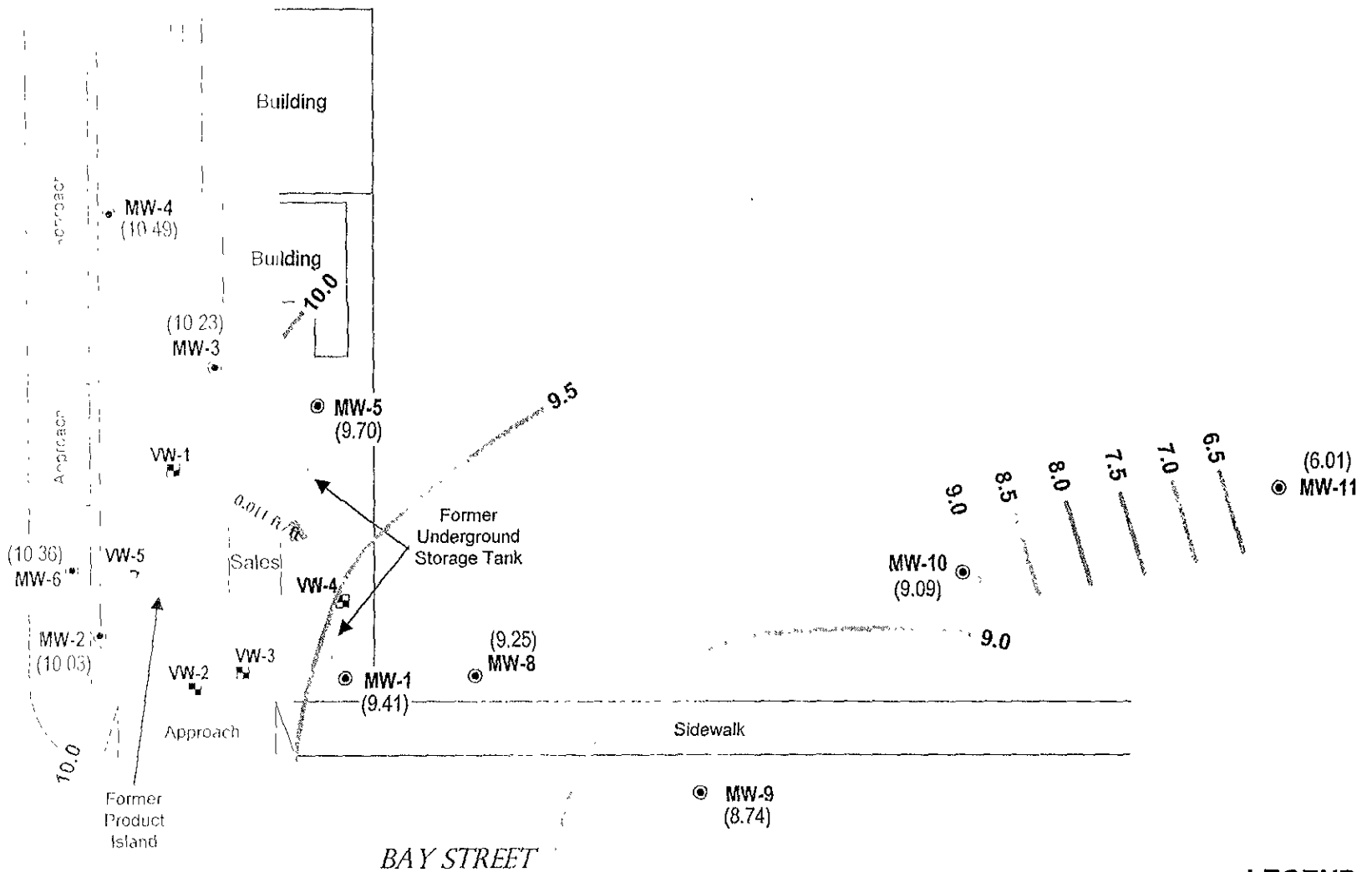
Attachment A – ACHCSA Letter dated August 7, 2001

Attachment B – Well Destruction Permits

cc: Ms. Karen Petryna – Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869
Mr. Leo and Ms. Maria Pagano – Leo & Pagano Trust, 1104 Fountain Street, Alameda, CA 94501

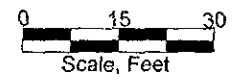


LINCOLN AVENUE



LEGEND

- MW-10 ● Groundwater Monitoring Well Location and Designation
- VW-4 ■ Soil Vapor Extraction Well Location and Designation
- (8.74) Groundwater Elevation (Feet, MSL); Measured 8/8/00
- 9.0 Groundwater Elevation Contour (Feet, MSL)
- 0.011 ft/ft Approximate Groundwater Flow Direction and Gradient



Groundwater Elevation Contour Map

Former Texaco Service Station
 1127 Lincoln Avenue at Bay Street
 Alameda, California

KHM
 ENVIRONMENTAL
 MANAGEMENT,
 INC.

DATE	PROJECT	FIGURE
10/5/00	C80-001127G1	1

ATTACHMENT A

ALAMEDA COUNTY HEALTH CARE SERVICES LETTER

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

August 7, 2001
StID # 3566/ RO0000086

Leo & Maria Pagano Trust
1104 Fountain St.
Alameda, CA 94501

Re: Request for Well Closure at 1127 Lincoln St., Alameda CA 94501

Dear Madam and Sir:

Our office has received concurrence from the San Francisco Regional Water Quality Control Board on our recommendation for no further action regarding the four former gasoline tank and the one former waste oil tank located at the above location. Prior to our issuance of the no further action letter, please provide evidence of the proper closure of the eleven (11) monitoring wells and five (5) vapor extraction wells installed at this property. You may contact the Water Resources Section of Public Works at 510-670-5554 to obtain the permit and specific requirements for this work.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

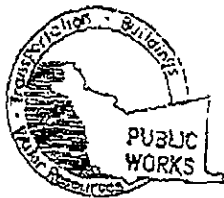
Mr. R. Lee Dooley, 6284 San Ignacio Avenue, Suite E, San Jose, CA 95119

Ms. Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank, CA 91510-7869

Wtcl1127LincolnAve

ATTACHMENT B

WELL DESTRUCTION PERMITS



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

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

FOR OFFICE USE

PERMIT NUMBER W01-802
WELL NUMBER
APN

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37335 Myrtlewood
City Redera, CA Zip 93638
Phone (559) 675-9306

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Jacinto
City San Jose, CA Zip 95119
Phone 408-224-4518
Fax 408-224-4518

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 30 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 bare hole by tremie with cement grout or cement grout and mixture. Upper two-three feet replaced in kind or with compacted cuttings.

E. CATHODIC

- 1. Fill hole anode zone with concrete placed by tremie.
2. Send a map of work site. A separate permit 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.

SEE ATTACHED SHEET

TYPE OF PROJECT

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

PROPOSED WATER SUPPLY WELL USE

- New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

DRILLING METHOD:

- Mud Rotary
Cable
Air Rotary
Other
Auger

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO C57-554979

WELL PROJECTS

Drill Hole Diameter 6 in.
Casing Diameter 27 in.
Surface Seal Depth 57 in.
Maximum Depth 9.5 ft
Owner's Well Number VW-7

GEO TECHNICAL PROJECTS

Number of Badges
Hole Diameter in.
Maximum Depth

ESTIMATED STARTING DATE
ESTIMATED COMPLETION DATE

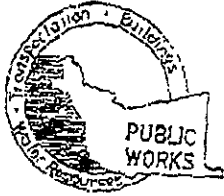
10/9/01
10/17/01

APPROVED

Frank C. ... DATE 9-7-01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

PLEASE PRINT NAME Janet Zantis



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 395 E. WHURST ST. FAYWARD CA. 94544-1395
 PHONE (510) 670-5534
 FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-803
 WELL NUMBER _____
 APN _____

CLIENT Karen Petryna
 Name EQUIVA Services LLC
 Address 37535 MYRTLEWOOD Phone (510) 495-9306
 City MADEIRA, CA Zip 93123

APPLICANT Janet Zantis
 Name KHM Environmental Management
 Address 6284 San Jacinto Fax 408-224-4518
 City SAN JOSE, CA Phone 408-224-4724 Zip 95119

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

PROPOSED WATER SUPPLY WELL USE
 New Domestic Replacement Domestic
 Municipal Irrigation
 Industrial Other NONE

DRILLING METHOD:
 Mud Rotary Air Rotary Auger
 Cable Other

DRILLER'S NAME West Hazmat
 DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS
 Drill Hole Diameter 6 in. Maximum Depth 9.5 ft.
 Casing Diameter 5.2 in. Owner's Well Number VW-2
 Surface Seal Depth _____ ft.

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

ESTIMATED STARTING DATE 10/9/01
 ESTIMATED COMPLETION DATE 10/17/01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01
 TITLE Janet Zantis

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.

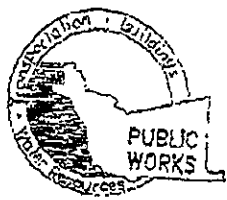
- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

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

- E. CATHODIC
 Fill hole anode zone with concrete placed by tremie.
 F. WELL DESTRUCTION
 Send a map of work site. A separate permit is required for wells deeper than 45 feet.

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

APPROVED Frank Reed DATE 9-7-01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-804
 WELL NUMBER _____
 APN _____

CLIENT Karen Petryna
 Name Equiva Services LLC
 Address 37535 Myrtlewood Phone (510) 445-9306
 City Modesto, CA Zip 930638

PERMIT CONDITIONS
 Circled Permit Requirements Apply

APPLICANT Jarret Zantis
 Name KHM Environmental Management
 Address 6284 San Jacinto Fax 408-224-4578
 City San Jose, CA Phone 408-224-4724 Zip 95119

- 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.

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 type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

- B. WATER SUPPLY WELLS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth is 30 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 50 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 <u>NONE</u>	<input type="checkbox"/>

- D. GEOTECHNICAL
- Backfill bare hole by tremie with cement grout or cement grout/sand mixture. Upper two-thirds 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 around zone with concrete placed by tremie.
- F. WELL DESTRUCTION
- Send a map of work site. A separate permit is required for wells deeper than 45 feet.

DRILLER'S NAME West Hazmat
 DRILLER'S LICENSE NO. C57-554979

G. SPECIAL CONDITIONS

SSE ATTACHED

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

WELL PROJECTS

Drill Hole Diameter	<u>2 1/2</u> in.	Maximum Depth	<u>85</u> ft.
Casing Diameter	<u>2 1/2</u> in.	Owner's Well Number	<u>WV-3</u>
Surface Seal Depth	<u>5</u> ft.		

GEO TECHNICAL PROJECTS

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

ESTIMATED STARTING DATE 10/9/01
 ESTIMATED COMPLETION DATE 11/12/01

APPROVED Frank L. Call DATE 9-7-01

APPLICANT SIGNATURE Jarret Zantis DATE 8/17/01
 LICENSED SIGNATURE Jarret Zantis



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 EYMFURST ST. HAYWARD CA. 94544-1395
PHONE (510) 679-5554
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

FOR OFFICE USE

PERMIT NUMBER W01-805
WELL NUMBER
APN

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtle Way
City Modesto, CA Phone (557) 675-9306
Zip 95163

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Ignacio
City San Jose, CA Phone 408-224-4518
Zip 95119

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-three feet replaced in kind or with compacted runtings.

E. CATHODIC

Fill hole anode cone with concrete placed by tremie.

F. WELL DESTRUCTION

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

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.

TYPE OF PROJECT

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

PROPOSED WATER SUPPLY WELL USE

New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

DRILLING METHOD:

Weld Rotary
Cable
Air Rotary
Other
Auger

DRILLER'S NAME West Hazmat

DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS

Drill Hole Diameter: 6 in.
Casing Diameter: 2 in.
Surface Seal Depth: 5 ft.
Maximum Depth: 8.5 ft
Owner's Well Number: VW-4

GEOTECHNICAL PROJECTS

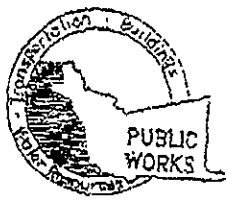
Number of Borings
Hole Diameter: in.
Maximum Depth: ft

ESTIMATED STARTING DATES

10/9/01
10/12/01

APPROVED Frank L. Codd DATE 9-7-01

APPLICANT SIGNATURE Janet Zantis DATE 8/17/01
CLIENT SIGNATURE Karen Petryna DATE 8/17/01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

CLIENT Karen Petryna
 Name EQUIVA Services LLC
 Address 37535 Myrtlewood Phone (510) 675-9306
 City Rodera, CA Zip 94638

APPLICANT Janet Zantis
 Name KHM Environmental Management
 Address 6284 San Ignacio Fax 408-224-4518
 City SAN JOSE, CA Phone 408-224-4724 Zip 95119

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

PROPOSED WATER SUPPLY WELL USE
 New Domestic Replacement Domestic
 Municipal Irrigation
 Industrial Other NONE

DRILLING METHOD:
 Mud Rotary Air Rotary Auger
 Cable Other

DRILLER'S NAME West Hazmat
 DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS
 Drill Hole Diameter 6 in
 Casing Diameter 2 in
 Surface Seal Depth 4 ft
 Maximum Depth 9.5 ft
 Owner's Well Number VW-5

GEOTECHNICAL PROJECTS
 Number of Borings _____
 Hole Diameter _____ in
 Maximum Depth _____ ft

ESTIMATED STARTING DATE 10/9/01
 ESTIMATED COMPLETION DATE 10/10/01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01
 PLEASE PRINT NAME Janet Zantis

FOR OFFICE USE

PERMIT NUMBER W01-806
 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 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 30 feet for domestic and irrigation wells unless a lesser depth is specially approved.

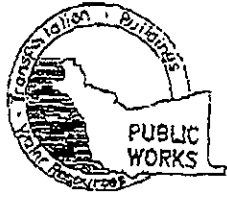
- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 25 feet.

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

- E. CATHODIC
 Fill hole anode zone with concrete placed by tremie.
- F. WELL DESTRUCTION
 Send a map of work site. A separate permit is required for wells deeper than 45 feet.

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

APPROVED Frank L. ... DATE 9-7-01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. RAYWARD CA. 94544-1395
 PHONE (510) 670-5534
 FAX (510) 782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-807
 WELL NUMBER _____
 APN _____

CLIENT Karen Petryna
 Name EQUIVA Services LLC
 Address 37535 Myrtlewood Phone (559) 645-9306
 City Madera, CA Zip 93638

PERMIT CONDITIONS
 Cited Permit Requirements Apply

APPLICANT Janet Yantis
 Name KHM Environmental Management
 Address 6284 San Ignacio Fax 408-224-4518
 City San Jose, CA Phone 408-224-4724 Zip 95119

- A. GENERAL**
1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
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 3. Permit is void if project not begun within 90 days of approval date.

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	<input type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

- B. WATER SUPPLY WELLS**
1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
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- 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 50 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 <u>NONE</u>	<input type="checkbox"/>

- D. GEOTECHNICAL**
- Backfill bore hole by means which 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.
- F. WELL DESTRUCTION**
- Send a map of work site. A separate permit is required for wells deeper than 45 feet.

DRILLER'S NAME West Hazmat
 DRILLER'S LICENSE NO. C57-554979

G. SPECIAL CONDITIONS
SEE ATTACHED

WELL PROJECTS

Drill Hole Diameter	<u>4</u> in.	Maximum	
Casing Diameter	<u>4</u> in.	Depth	<u>20</u> ft.
Surface Seal Depth	<u>4</u> ft.	Owner's Well Number	<u>MW-1</u>

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

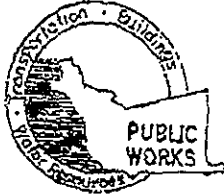
GEO TECHNICAL PROJECTS

Number of Borings		Maximum	
Hole Diameter		Depth	

ESTIMATED STARTING DATE 10/9/01
 ESTIMATED COMPLETION DATE 10/16/01

APPROVED Shank Codd DATE 9-7-01

APPLICANT'S SIGNATURE Janet Yantis DATE 8/17/01
 TITLE Janet Yantis



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 476-5554
FAX (510)782-1959

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-808
WELL NUMBER
APN

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood
City Modesto, CA
Phone (527) 675-9306
Zip 93638

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Ignacio
City San Jose, CA
Phone 408-224-4518
Fax 408-224-4518
Zip 95119

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.

TYPE OF PROJECT

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

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 30 feet for domestic and irrigation wells unless a lesser depth is specially approved.

PROPOSED WATER SUPPLY WELL USE

New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

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.

DRILLING METHOD:

Mud Rotary
Cable
Air Rotary
Other
Auger

D. GEOTECHNICAL

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

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO. C57-554979

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

WELL PROJECTS

Drill Hole Diameter 10" in
Casing Diameter 4" in
Surface Seal Depth 4" ft
Maximum Depth 20 ft
Owner's Well Number MW-2

F. WELL DESTRUCTION

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

GEOTECHNICAL PROJECTS

Number of Borings
Hole Diameter
Maximum Depth

G. SPECIAL CONDITIONS

SEE ATTACHED

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

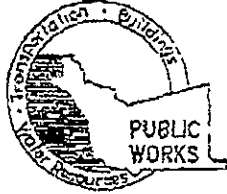
ESTIMATED STARTING DATE 10/19/01
ESTIMATED COMPLETION DATE 12/12/01

APPROVED Frank L. C... DATE 9-7-01

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 70-66

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

PLEASE PRINT NAME Janet Zantis



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 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-809
WELL NUMBER _____
APN _____

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood Phone (510) 675-7306
City Modesto, CA Zip 95168

APPLICANT Jared Zantis
Name KHM Environmental Management
Address 6284 San Jacinto Fax 408-224-4518
City San Jose, CA Phone 408-224-4724
Zip 95119

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

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other NONE

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS
Drill Hole Diameter 10" in. Maximum Depth 20 ft.
Casing Diameter 4" in. Owner's Well Number MW-3
Surface Seal Depth 4" ft.

GEO TECHNICAL PROJECTS
Number of Borings _____ Maximum Depth _____
Hole Diameter _____ in.

ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/12/01

I hereby agree to comply with the terms of the California Water Code, Ordinance No. 73-68

APPLICANT'S SIGNATURE Jared Zantis DATE 8/17/01

FIELD REPRESENTATIVE Jared Zantis SEP 1 2001

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 specifically 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-three feet replaced in kind or with compacted cavings.

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

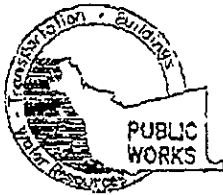
F. WELL DESTRUCTION

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

G. SPECIAL CONDITIONS

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

APPROVED Frank L. Cell DATE 9-7-01



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 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-810
WELL NUMBER _____
APN _____

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood Phone (510) 645-9306
City Modesto, CA Zip 95038

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Jacinto Phone 408-224-4518
City San Jose, CA Zip 95119

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

PROPOSED WATER SUPPLY WELL USE
New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other NONE

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS
Drill Hole Diameter 10" in. Maximum Depth 20 ft.
Casing Diameter 4" in. Casing's Well Number MW-4
Surface Seal Depth 4' ft.

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum Depth _____
Hole Diameter _____ in.

ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/26/01

Permit is valid only when all permit conditions are met. See Alameda County Ordinance No. 13.65

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01
RELEASED BY NAME Janet Zantis

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 30 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 earnings.

E. CATHODIC

Fill hole anode zone with concrete placed by tremie

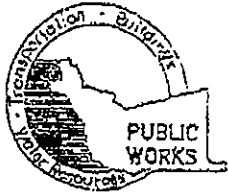
F. WELL DESTRUCTION

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

G. SPECIAL CONDITIONS

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

APPROVED Frank L. Call DATE 9-7-01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
359 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 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-811
WELL NUMBER _____
ASN _____

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood Phone (510) 675-9306
City Madera, CA Zip 93638

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 original Department of Water Resources-Well Completion Report.
 3. Permit is void if project not begun within 90 days of approval date.

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Ignacio Phone 408-224-4518
City San Jose, CA Zip 95119

- 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	<input type="checkbox"/>	Well Destruction	<input checked="" 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 <u>NONE</u>	<input type="checkbox"/>

- D. GEOTECHNICAL

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

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other

- E. CATHODIC

Fill hole anode zone with concrete placed by tremie.
- F. WELL DESTRUCTION

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

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO. C57-554979

- G. SPECIAL CONDITIONS

SEE ATTACHED

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

WELL PROJECTS
Drill Hole Diameter 10" in. Maximum Depth 20 ft.
Casing Diameter 4" in. Owner's Well Number MW-5
Surface Seal Depth 4" ft.

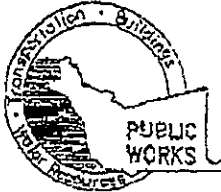
GEOTECHNICAL PROJECTS
Number of Borings _____ Start Date _____
Hole Diameter _____ ft. Depth _____ ft.

ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/12/01

APPROVED Frank L. Corbett DATE 9-7-01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

PLEASE PRINT NAME Janet Zantis



ALAMEDA COUNTY PUBLIC WORKS AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-812
WELL NUMBER
APN

CLIENT Name Karen Petryna
EQUIVA Services LLC
Address 37535 Myrtlewood
City Madera, CA

APPLICANT Janet Zantis
KHM Environmental Management
Address 6284 San Jacinto
City San Jose, CA

TYPE OF PROJECT

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

PROPOSED WATER SUPPLY WELL USE

New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

DRILLING METHOD:

Mud Rotary
Cable
Air Rotary
Other
Auger

DRILLER'S NAME West Hazmat

DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS

Drill Hole Diameter 8 in.
Casing Diameter 6 in.
Surface Seal Depth 6 ft
Maximum Depth 20 ft
Owner's Well Number MW-6

GEOTECHNICAL PROJECTS

Number of Borings
Maximum Depth

ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/27/01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

APPROVED Frank J. Bell DATE 9-7-01

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 30 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-three feet replaced in kind or with compacted cuttings.

E. CATHODIC

Fill hole around zone with concrete placed by tremie.

F. WELL DESTRUCTION

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

G. SPECIAL CONDITIONS

SEE ATTACHED

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

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 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W001-813
WELL NUMBER
APN

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37595 Myrtlewood
City Modesto, CA
Phone (509) 645-9306
Zip 93638

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Ignacio
City San Jose, CA
Phone 408-224-4721
Fax 408-224-4518
Zip 95119

TYPE OF PROJECT

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

PROPOSED WATER SUPPLY WELL USE

- New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

DRILLING METHOD:

- Mud Rotary
Cable
Air Rotary
Other
Auger

DRILLER'S NAME West Hazmat

DRILLER'S LICENSE NO. C57-554979

WELL PROJECTS

Drill Hole Diameter 8 in.
Casing Diameter 2 1/2 in.
Surface Seal Depth 6 ft.
Maximum Depth 20 ft.
Owner's Well Number MW-7

GEOTECHNICAL PROJECTS

Number of Borings
Hole Diameter
Maximum Depth

ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/12/01

APPLICANT SIGNATURE Janet Zantis DATE 8/17/01

PLEASE PRINT NAME Janet Zantis

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

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

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

F. WELL DESTRUCTION

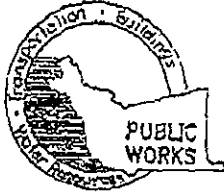
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

SEE ATTACHED

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

APPROVED [Signature] DATE 9-7-01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST, HAYWARD CA, 94544-1395
PHONE (510) 670-5554
FAX (510)782-1339

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER 1001-814
WELL NUMBER
APN

CLIENT Karen Petryna
Name EQUIVA SERVICES LLC
Address 37535 Myrtlewood
City Madera, CA Zip 93638
Phone (559) 645-9306

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Jacinto
City San Jose, CA Zip 95119
Phone 408-224-4518
Fax 408-224-4721

- A. GENERAL
1. A permit application should be submitted 40 days prior 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.

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

- 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.

PROPOSED WATER SUPPLY WELL USE
New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

DRILLING METHOD:
Mud Rotary
Cable
Air Rotary
Other
Auger

- 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.

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO. C57-554979

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

WELL PROJECTS
Drill Hole Diameter 10 in.
Casing Diameter 4 in.
Surface Seal Depth 4 ft.
Maximum Depth 20 ft.
Owner's Well Number MW-8

- E. CATHODIC
Fill hole anode zone with concrete placed by tremie.
WELL DESTRUCTION
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

GEOTECHNICAL PROJECTS
Number of Borings
Hole Diameter in
Maximum Depth

G. SPECIAL CONDITIONS
SBE ATTACHED

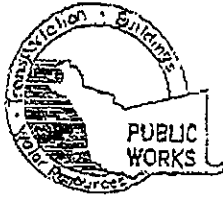
ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/12/01

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

APPROVED [Signature] DATE 9-7-01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

APPLICANT'S NAME Janet Zantis



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMFURST 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 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-815
WELL NUMBER
APN

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood
City Modesto, CA Phone (507) 675-9306 Zip 95238

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 Sun Janazio
City San Jose, CA Phone 408-224-4724 Fax 408-224-4518 Zip 95119

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

PROPOSED WATER SUPPLY WELL USE
New Domestic
Municipal
Industrial
Replacement Domestic
Irrigation
Other NONE

DRILLING METHOD:
Mod Rotary
Cable
Air Rotary
Other
Auger

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO C57-554979

WELL PROJECTS
Drill Hole Diameter 10" in.
Casing Diameter 4" in.
Surface Seal Depth 2' ft.
Maximum Depth 15 ft.
Owner's Well Number MW-9

GEOTECHNICAL PROJECTS
Number of Borings
Hole Diameter
Maximum Depth

ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/12/01

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

LEAFLET PRINT NAME Janet Zantis

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

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

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

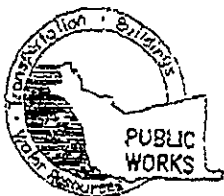
F. WELL DESTRUCTION

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

G. SPECIAL CONDITIONS

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

APPROVED Frank Caldwell DATE 9-7-01



ALAMEDA COUNTY PUBLIC WORKS AGENCY

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

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-816
WELL NUMBER _____
APN _____

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood Phone (510) 675-9306
City Modesto, CA Zip 95363

PERMIT CONDITIONS

Circled Permit Requirements Apply

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6784 San Jacinto Fax 408-224-4518
City San Jose, CA Phone 408-224-4724
Zip 95119

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.

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	<input type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

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.

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 <u>NONE</u>	<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.

DRILLING METHOD:

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

D. GEOTECHNICAL

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

DRILLER'S NAME West Hazmat

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. C57-554979

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 10" in. Maximum Depth 15 ft.
Casing Diameter 4" in. Owner's Well Number MW-10
Surface Seal Depth 3' ft.

G. SPECIAL CONDITIONS

SEE ATTACHED

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

GEOTECHNICAL PROJECTS

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

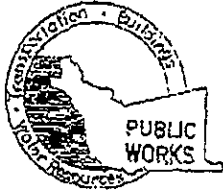
ESTIMATED STARTING DATE 10/9/01
ESTIMATED COMPLETION DATE 10/27/01

APPROVED Frank Coll DATE 9-70

I hereby agree to comply with the terms and conditions of this permit and Alameda County Ordinance No. 73-68

APPLICANT'S SIGNATURE Janet Zantis DATE 8/17/01

PLEASE PRINT NAME Janet Zantis



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-3534
FAX (510)782-1939

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 1127 Lincoln Ave.
Alameda, CA

PERMIT NUMBER W01-817
WELL NUMBER _____
APN _____

CLIENT Karen Petryna
Name EQUIVA Services LLC
Address 37535 Myrtlewood Phone (557) 645-9306
City Madera, CA Zip 93638

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT Janet Zantis
Name KHM Environmental Management
Address 6284 San Ignacio Fax 408-224-4518
City San Jose, CA Phone 408-224-4724
Zip 95119

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.

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	<input type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

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.

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	<u>NONE</u>

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 practicably or 20 feet.

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"/>		

D. GEOTECHNICAL

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

DRILLER'S NAME West Hazmat
DRILLER'S LICENSE NO. C57-554979

E. CATHODIC

Fill hole anode zone with concrete placed by tremie.

WELL PROJECTS

Drill Hole Diameter	<u>10"</u> in.	Maximum Depth	<u>15</u> ft.
Casing Diameter	<u>4"</u> in.	Owner's Well Number	<u>MW-11</u>
Surface Seal Depth	<u>2</u> ft.		

F. WELL DESTRUCTION

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

G. SPECIAL CONDITIONS

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

GEOTECHNICAL PROJECTS

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

ESTIMATED STARTING DATE 10/4/01

ESTIMATED COMPLETION DATE 10/12/01

APPROVED

Frank Call DATE 9-7-01

APPLICANT SIGNATURE Janet Zantis

DATE 8/17/01

LEAVE PRINT NAME Janet Zantis

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