

**Abandonment and Sealing of Monitoring
and Extraction Wells
East Bay Bridge Center, Yerba Buena Avenue
and Hollis Street, Emeryville and Oakland,
Alameda County, California
Catellus Parcels CA0010598 and CA0010603**

**001-01649-04
June 28, 2004**

Prepared for
Catellus Finance 1, LLC
201 Mission Street
San Francisco, California



June 28, 2004

001-01649-04

Mr. Stephen A. Hill
California Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, California 94612

Attention: Ms. Betty Graham

Subject: Abandonment and Sealing of Monitoring and Extraction Wells, East Bay Bridge Center, Yerba Buena Avenue and Hollis Street, Emeryville and Oakland, Alameda County, California, Catellus Parcels CA0010598 and CA0010603

Dear Mr. Hill and Ms. Graham:

The enclosed report is submitted on behalf of Catellus Finance 1, LLC, to comply with the June 2, 2002 letter of no further action, which requested documentation of the closure of wells associated with the investigation and remedial action at the East Bay Bridge Center in Emeryville and Oakland, California.

If you have any questions or comments, please call either of the undersigned at (510) 652-4500.

Sincerely,



Ron Goloubow
Senior Geologist



John C. Keeler
Project Scientist

Enclosure

cc: James Yoo, Alameda County Public Works Agency
Jeffrey Austin, Catellus Finance 1, LLC

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1.0 INTRODUCTION

LFR Levine-Fricke (LFR) has prepared this report for Catellus Finance 1, LLC (Catellus) to describe activities associated with the closure of monitoring wells at the East Bay Bridge Center, located in Emeryville and Oakland, California. The closure of these wells is in response to a "no further action" letter issued by the California Regional Water Quality Control Board (RWQCB), dated June 6, 2002. This letter confirms the adequate completion of site investigations and remedial actions at the East Bay Bridge Center (Catellus Parcels CA0010598 and CA0010603).

2.0 PERMITTING

On March 22, 2004, the Alameda County Public Works Agency (ACPWA) issued permits for the abandonment of monitoring wells MW-2, MW-3, MW-4, MW-5, MW-6, MW-6D, MW-7, MW-7D, MW-7Z, MW-8, MW-9, MW-9D, MW-10R, MW-12R, MW-32R, MW-34R, LF-22, and LF-23; and extraction wells EX-3 and EX-4 via the pressure grouting method. Permits were also issued for the closure-in-place of EX-1 and EX-2, which are vertical conduits to a horizontal extraction trench. Figure 1 is the Site Plan Showing Monitoring and Extraction Well Locations. Copies of the ACPWA permits and the well destruction specifications are included in Appendix A.

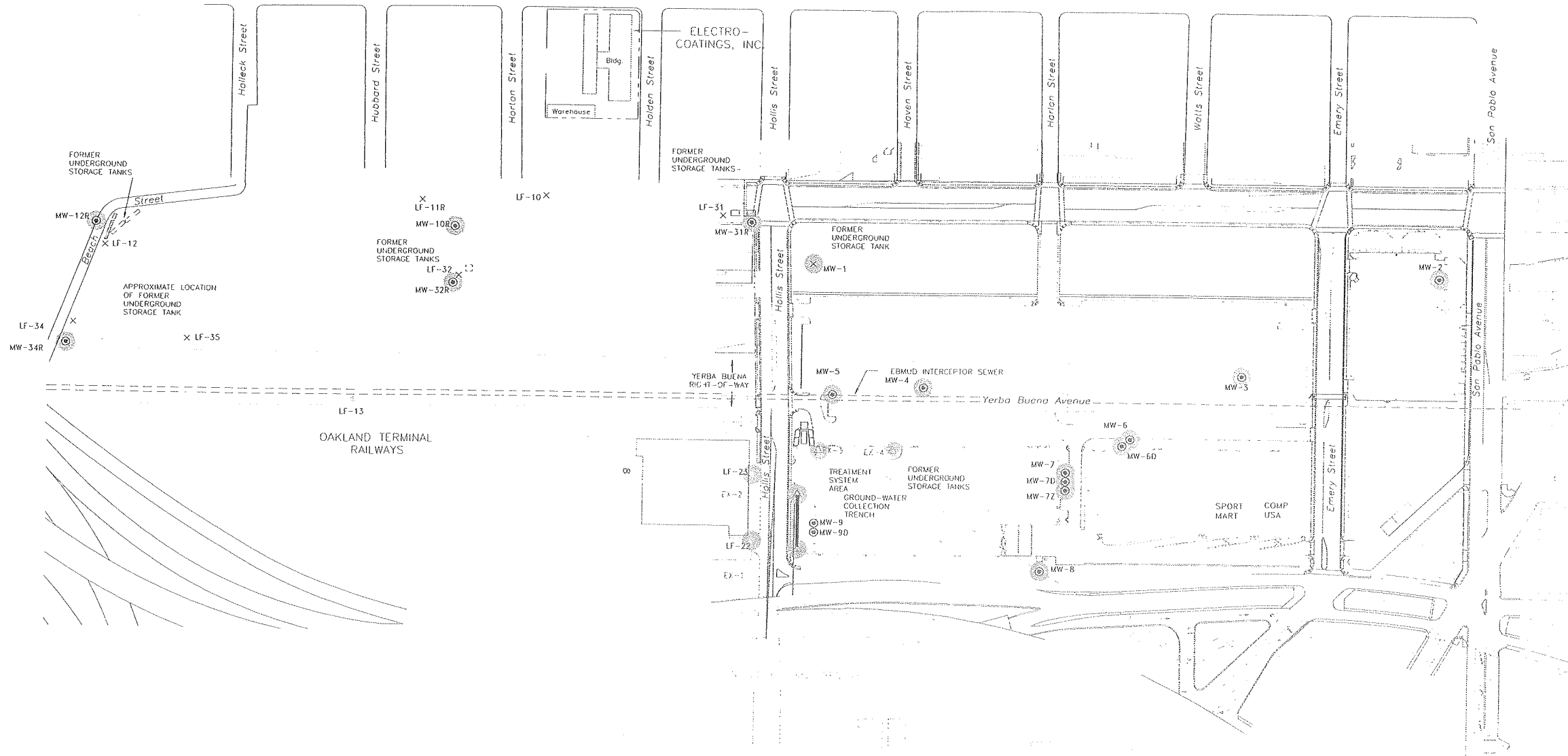
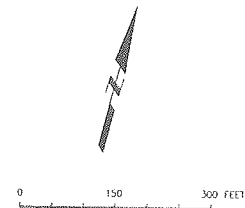
3.0 ABANDONMENT AND SEALING OF GROUNDWATER MONITORING AND EXTRACTION WELLS

The abandonment and sealing of monitoring and extraction wells was conducted from March 23 to March 25, 2004, in accordance with specifications provided by the ACPWA. Gregg Drilling and Testing, Inc., a licensed drilling subcontractor, conducted the fieldwork under the supervision of LFR personnel.

All permitted monitoring wells (MW-2, -3, -4, -5, -6, -6D, -7, -7D, -7Z, -8, -9, -9D, -10R, -12R, -32R, -34R, LF-22, and LF-23) and two permitted extraction wells (EX-3 and EX-4) were abandoned by the pressure grout technique. A tremmie pipe was placed into the well below static water just off the bottom of the well, and neat Portland cement was pumped into the well until the casing was entirely filled with the cement. A pressure fitting was then attached to the outside of the casing, and a hose was connected to the fitting from the grout pump. Grout was again pumped into the well until a pressure of at least 25 pounds per square inch was attained. The pressure was then maintained for approximately five minutes. After the pressure grouting was completed, the grout was allowed to settle before the well box at the ground surface was removed. The remaining excavated area was backfilled with concrete or compacted soil to match the respective existing ground surface.

Two extraction wells (EX-3 and EX-4) and the extraction trench conduits (EX-1 and EX-2) were completed in subsurface steel vaults. The wells were pressure-grouted, using the methodology described above, and the vaults have been left in place.

Wells EX-1 and EX-2 are located at either end of a groundwater extraction trench. The connection was made from well to trench via a horizontal 4-inch-diameter "lateral" located 4 feet from the bottom of each well casing. Prior to grouting of EX-1 and EX-2, bentonite pellets were placed from the bottom of the well to a minimum of one foot above the lateral described above. The bentonite pellets were allowed to hydrate for a minimum of 15 minutes before the neat Portland cement was pumped into the well via the tremmie pipe. This abandonment technique was performed in conformance with the methodology approved in the permit issued by the ACPWA. The volume of grout used to fill the casing indicated that the bentonite pellet seal had performed as designed. Based on an inspection of the cement grout at wells EX-1 and EX-2 the following day, there was no visible sign that the cement had settled in the casing.



EXPLANATION

- ⊙ MONITORING WELL LOCATION
- △ EXTRACTION WELL
- × PREVIOUSLY ABANDONED GROUND WATER MONITORING WELL
- ⊙ ABANDONED MARCH 2004
- APPROXIMATE PROPERTY LINE
- RETAIL DEVELOPMENT WITH PETROLEUM AFFECTED SOIL ON SITE

**Site Plan Showing
Monitoring and Extraction
Well Locations**

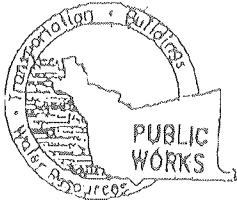
Yerba Buena / East Baybridge Development

LFR
LEVINE • FRICKE

Figure 1

APPENDIX A

Permits



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 792-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
~~IN SAN FRANCISCO~~ OAKLAND CA

PERMIT NUMBER W04-0262
WBL NUMBER _____
A/N _____

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

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

CLIENT

Name CATALANUS DEVELOPMENT CORP.
Address 201 MISSION ST Phone 415 974 9647
City SAN FRANCISCO CA Zip 94105

APPLICANT

Name John Keeler LFR LEVINE FRICKE
Address 1400 POWELL ST Phone 510 652 2246
City EMERYVILLE Zip 94608

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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO 485165

WELL PROJECTS

Drill Hole Diameter	<u>10</u> in.	Maximum Depth	<u>20</u> ft.	LF
Casing Diameter	<u>4</u> in.	Owner's Well Number	<u>W-22</u>	
Surface Seal Depth	<u>10</u> ft.			

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/29/04 3-23-04

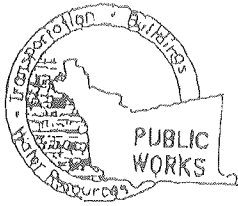
COMPLETION DATE 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-6R.

APPLICANT'S SIGNATURE John C. Keeler DATE 2/20/04

PLEASE PRINT NAME JOHN C. KEELER Rev. 9-18-02

APPROVED _____ DATE 3/22/04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James You
FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St; Beach St.
to San Pablo Av
Oakland, CA

PERMIT NUMBER W04-0263
WELL NUMBER _____
APN _____

CLIENT
Name CATELLUS DEVELOPMENT CORP.
Address 201 MISSION ST Phone 415 979 4647
City SAN FRANCISCO CA Zip 94105

APPLICANT
Name Jana Keefer LFR LEVINE FRICKE
Address 1900 POWELL ST Fax 510 652 2246
City EMERYVILLE Phone 510 652 9500 Zip 94608

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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DEWILDER

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum Depth	<u>20 ft</u>	<u>LF</u>
Casing Diameter	<u>9</u> in.	Owner's Well Number	<u>141-23</u>	
Surface Seal Depth	<u>10</u> ft.			

GEOTECHNICAL PROJECTS

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

STARTING DATE 2-26-04 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME Jana Keefer Rev. 9-18-02

PERMIT CONDITIONS

Circled Permit Requirements Apply

A. GENERAL

1. A permit application should be submitted to an 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 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

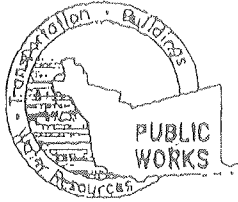
F. WELL DESTRUCTION - 85 FT

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

C. 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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1039

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST; BEACH ST.
TO SAN PABLO AV
~~EMERVILLE~~ OAKLAND CA

PERMIT NUMBER W04-0264
 WELL NUMBER _____
 APN _____

CLIENT
 Name CITELLUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 915 924 4647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Fax 510 652 2246
 City EMERYVILLE Phone 510 652 4500
 Zip 94608

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

DRILLER'S NAME GREGG DRILLING
 DRILLER'S LICENSE NO. 485165

WELL PROJECTS
 Drill Hole Diameter 8 in Maximum Depth 18.5 ft.
 Casing Diameter 2 in
 Surface Seal Depth 8.5 ft Owner's Well Number MW-34R

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

STARTING DATE 2/26/04 3-23-04
 COMPLETION DATE 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-64.

APPLICANT'S SIGNATURE J. C. Keeler DATE 2/20/04
 PLEASE PRINT NAME JOHN C KEELER Rev.9-18-02

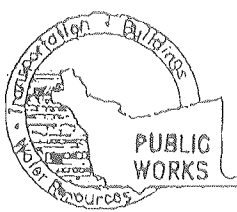
PERMIT CONDITIONS

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** PB 11-7
 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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1399
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939
 APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
Hayward CA

CLIENT
 Name CARELLS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 924 9647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 2846
 City EMERYVILLE Zip 94608

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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DRILLING
 DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum Depth	<u>18.5</u> ft.
Casing Diameter	<u>2</u> in.	Owner's Well Number	<u>MW-12R</u>
Surface Seal Depth	<u>8.5</u> ft.		

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/20/04 3-23-04
 COMPLETION DATE X 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-65.
 APPLICANT'S SIGNATURE [Signature] DATE 2/20/04
 PLEASE PRINT NAME John C Keeler Rev. 9-18-02

FOR OFFICE USE

PERMIT NUMBER W04-0265
 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 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 cutting.

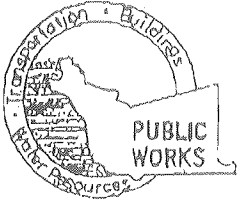
- E. CATHODIC**
- Fill hole anode zone with concrete placed by tremie

- F. WELL DESTRUCTION - 185112**
- 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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 100 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 Jaires Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
ORLANDO CA

CLIENT
 Name CAROLINE'S DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 4647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 2246
 City EMERYVILLE Zip 94608

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

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

DRILLING METHOD:
 Mud Rotary Air Rotary Auger
 Cable Other

DRILLER'S NAME GREGG DEVLIN
 DRILLER'S LICENSE NO 485165

WELL PROJECTS
 Drill Hole Diameter 8 in Maximum Depth 24 ft
 Casing Diameter 2 in
 Surface Seal Depth 14 ft Owner's Well Number MW-10R

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

STARTING DATE 2/20/04 3-23-04
 COMPLETION DATE 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-63
 APPLICANT'S SIGNATURE J. Keeler DATE 2/20/04
 PLEASE PRINT NAME JOHN C. KEELER Rev.9-18-02

FOR OFFICE USE

PERMIT NUMBER W04-0266
 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 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.

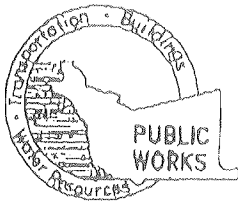
- E. CATHODIC**
 Fill hole anodic zone with epoxyres placed by tremie.

- F. WELL DESTRUCTION** 96-87
 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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

399 ELMHURST ST. HAYWARD CA. 94504-1395

PHONE (510) 670-6633 James Yen

FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER 104-0267
WELL NUMBER _____
APN _____

CLIENT
Name CATELLUS DEVELOPMENT CORP.
Address 291 MISSION ST Phone 415 974 9647
City SAN FRANCISCO CA Zip 94105

APPLICANT
Name JOHN KEELER LFR LEVINE FRICKE
Address 1900 POWELL ST Phone 510 652 2246
City EMERYVILLE Zip 94608

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathode 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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum	
Casing Diameter	<u>2</u> in.	Depth	<u>18</u> ft
Surface Seal Depth	<u>8</u> ft.	Owner's Well Number	<u>MW-2</u>

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/22/04 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME JOHN C KEELER Rev.9-18-02

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.

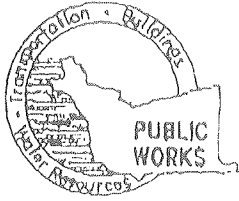
G. SPECIAL CONDITIONS

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

DATE

[Signature] 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER W04-0268
 WELL NUMBER _____
 APN _____

CLIENT
 Name CASHMAN'S DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 4647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Fax 510 652 2246
 City EMERYVILLE Phone 510 652 4900
 Zip 94608

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Contaminant 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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter 8 in. Maximum
 Casing Diameter 8 in. Depth 25 ft.
 Surface Seal Depth 14 ft. Owner's Well Number MW-3

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/22/04 3-23-04
 COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE John Keeler DATE 2/20/04

PLEASE PRINT NAME JOHN KEELER Rev 9-18-02

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 zones 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.

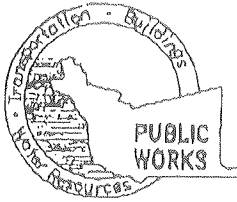
G. SPECIAL CONDITIONS

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

DATE

3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James You
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER WDA-0269
 WELL NUMBER ..
 APN ..

CLIENT
 Name CATELLUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 915 974 4647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name John Keeler LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 2246
 City EMERYVILLE Zip 94608

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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DENLINGER
 DRILLER'S LICENSE NO 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum	
Casing Diameter	<u>8</u> in.	Depth	<u>25</u> ft.
Surface Seal Depth	<u>12</u> ft.	Owner's Well Number	<u>MW-4</u>

GEOTECHNICAL PROJECTS

Number of Borings	Maximum
Hole Diameter	Depth

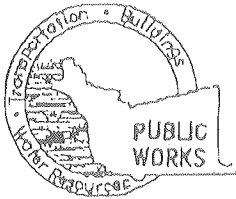
STARTING DATE 2/26/04 3-23-04
 COMPLETION DATE 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-6R.
 APPLICANT'S SIGNATURE John Keeler DATE 2/20/04
 PLEASE PRINT NAME JOHN C KEELER - Rev 9-18-02

- 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 penetrable 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** 26#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

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 48 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
EMERYVILLE

CLIENT
 Name CITIGUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 915 974 9647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEESER LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 651 2246
 City EMERYVILLE Zip 94608

TYPE OF PROJECT

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

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

DRILLER'S NAME GREGG DEMLIN

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter 8 in. Maximum Depth 21.5 ft.
 Casing Diameter 2 in.
 Surface Seal Depth 11.5 ft. Owner's Well Number MW-5

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/20/04 7-2304

COMPLETION DATE 7-3104

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME JOHN C KEESER Rev.9-18-02

FOR OFFICE USE

PERMIT NUMBER W04-0270
 WELL NUMBER _____
 APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A)

GENERAL

1. A permit application should be submitted to us 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

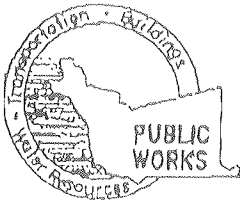
Fill hole anode zone with concrete placed by tremie

(D) **WELL DESTRUCTION** 96 B7
 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 of well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations

APPROVED [Signature] DATE 2-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA, 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER W04-0271
 WELL NUMBER _____
 APN _____

CLIENT
 Name CELIGUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 4647
 City SAN FRANCISCO CA Zip 94103

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 4500
 City EMERYVILLE Zip 94608

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"/> |

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"/> | Art Rotary | <input type="checkbox"/> | Auger | <input type="checkbox"/> |
| Cable | <input type="checkbox"/> | Other | <input type="checkbox"/> | | |

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO 485165

WELL PROJECTS

Drill Hole Diameter 10 in. Maximum
 Casing Diameter 10 1/2 in. Depth 25 ft
 Surface Seal Depth 8 ft Owner's Well Number EX-4

GEOTECHNICAL PROJECTS

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

STARTING DATE 3/25/04 2/25/04 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE John C Keeler DATE 2/20/04

PLEASE PRINT NAME JOHN C KEELER Rev 9-18-02

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 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 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.

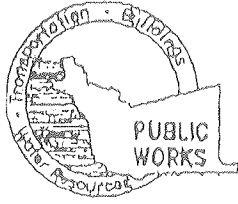
F. WELL DESTRUCTION

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

G. SPECIAL CONDITIONS

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 _____ DATE 3-20-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
EMERVILLE OAKLAND CA

PERMIT NUMBER W04-0272
 WELL NUMBER _____
 APN _____

CLIENT
 Name: CITIGUS DEVELOPMENT CORP.
 Address: 201 MISSION ST Phone: 415 424 8647
 City: SAN FRANCISCO CA Zip: 94105

APPLICANT
 Name: JOHN KEELER LFR LEVINE FRICKE
 Address: 1900 POWELL ST Phone: 510 652 2246
 City: EMERVILLE Zip: 94608

TYPE OF PROJECT

Well Construction	<input type="checkbox"/>	Geotechnical Investigation	<input type="checkbox"/>
Cathode 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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>10</u> in	Maximum	
Casing Diameter	<u>4</u> in	Depth	<u>24</u> ft.
Surface Seal Depth	<u>7.5</u> ft	Owner's Well Number	<u>EX-3</u>

GEOTECHNICAL PROJECTS

Number of Borings		Maximum	
Hole Diameter		Depth	

STARTING DATE 3/25/04 2/25/04 3-23-04

COMPLETION DATE 3-31-04

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 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 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 anode placed by tremie.
- F. WELL DESTRUCTION - PPA-2

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

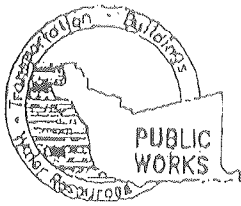
NOTE: One application must be submitted for each well or well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations

APPROVED [Signature] DATE 3-22-04

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME JOHN C KEELER Rev 9-18-02



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 199 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER W04-0223
 WELL NUMBER _____
 APN _____

CLIENT
 Name CATALANUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 4647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 2246
 City EMERYVILLE Zip 94602

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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DEWILLNER
 DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum	
Casing Diameter	<u>3</u> in.	Depth	<u>65</u> ft.
Surface Seal Depth	<u>50</u> ft.	Owner's Well Number	<u>MW-72</u>

GEOTECHNICAL PROJECTS

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

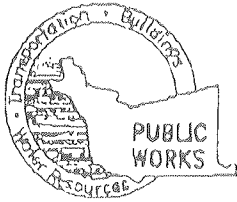
STARTING DATE 3/25/04 2/25/04 3-23-04
 COMPLETION DATE 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.
 APPLICANT'S SIGNATURE [Signature] DATE 2/20/04
 PLEASE PRINT NAME JOHN C. KEELER Rev. 9-18-02

- 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 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 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** - P6117
- 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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1399
 PHONE (510) 670-6633 James Yan
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
EMERYVILLE CA

PERMIT NUMBER W04-0294
 WELL NUMBER _____
 APN _____

CLIENT
 Name CATELLUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 4647
 City SAN FRANCISCO CA Zip 94108

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 2246
 City EMERYVILLE Zip 94608

TYPE OF PROJECT

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

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

DRILLER'S NAME GREGG DELLINGER
 DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum Depth	<u>40</u> ft.
Casing Diameter	<u>2</u> in.	Owner's Well Number	<u>MW-7D</u>
Surface Seal Depth	<u>27</u> ft.		

GEOTECHNICAL PROJECTS

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

STARTING DATE 3/25/04 2/25/04 - 3-23-04
 COMPLETION DATE 3-31-04

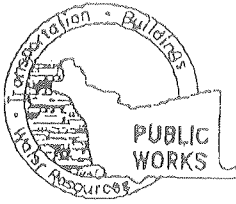
I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-6R.
 APPLICANT'S SIGNATURE [Signature] DATE 2/24/04
 PLEASE PRINT NAME JOHN C. KEELER Rev 9-18-02

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.
- 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
- WELL DESTRUCTION - P604**
 Send a map of work site. A separate permit is required for wells deeper than 45 feet
- C. 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

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 Janet Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER W04-0275
 WELL NUMBER _____
 APN _____

CLIENT
 Name CATELLUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 9647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name John Keeler LFR LEVINE FRICKE
 Address 1900 POWELL ST Phone 510 652 2846
 City EMERYVILLE Zip 94608

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"/>

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 type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

DRILLER'S NAME GREGG DEWANE

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter B in. Maximum
 Casing Diameter 2 in. Depth 23.5 ft.
 Surface Seal Depth 13.5 ft. Owner's Well Number MW-7

GEOTECHNICAL PROJECTS

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

STARTING DATE 3/25/04 2/25/04 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE John Keeler DATE 2/20/04

PLEASE PRINT NAME John Keeler Rev.9-18-02

PERMIT CONDITIONS

Corrected 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 in 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

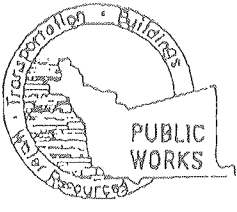
Send a map of work site. A separate permit is required for wells deeper than 45 feet.

G. SPECIAL CONDITIONS

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 _____

DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th ST ; BEACH ST.
TO SAN PABLO AV
EMERYVILLE CA

PERMIT NUMBER W04-0276
 WELL NUMBER _____
 APN _____

CLIENT Name CATELUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 474 4647
 City SAN FRANCISCO CA Zip 94105

APPLICANT Name John Keeler LFR LEVINE FRICKE
 Address 1900 POWELL ST Fax 510 652 2346
 City EMERYVILLE Phone 510 652 4900 Zip 94608

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

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

DRILLING METHOD:
 Mud Rotary Air Rotary Auger
 Cyclic Other

DRILLER'S NAME GREGG DRILLING
 DRILLER'S LICENSE NO. 485165

WELL PROJECTS
 Drill Hole Diameter 8 in Minimum Depth 45 ft
 Casing Diameter 2 in
 Surface Seal Depth 37 ft Owner's Well Number MW-6D

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

STARTING DATE 2/25/04 3-23-04
 COMPLETION DATE 3-31-04

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68
 APPLICANT'S SIGNATURE [Signature] DATE 2/20/04
 PLEASE PRINT NAME John C Keeler Rev. 9-18-02

- 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 printed 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

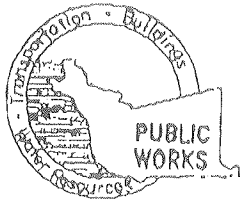
Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.
 - E. CATHODIC

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

APPROVED [Signature] DATE 2-28-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

399 ELMHURST ST. HAYWARD CA. 94544-1395

PHONE (510) 670-6633 Jancy Yoo

FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER W04-0277
WELL NUMBER _____
APN _____

CLIENT
Name CATELLUS DEVELOPMENT CORP.
Address 201 MISSION ST Phone 415 974 4647
City SAN FRANCISCO CA Zip 94105

APPLICANT
Name John Keeler LFR LEVINE FRICKE
Address 1900 POWELL ST Phone 510 652 2246
City EMERYVILLE Zip 94608

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 _____

DRILLING METHOD:

Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter 8 in. Maximum _____
Casing Diameter 2 in. Depth 21.5 ft.
Surface Seal Depth 11.5 ft. Owner's Well Number MW-6

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/25/04 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME John C. Keeler Rev. 9-18-02

PERMIT CONDITIONS

Circled Permit Requirements Apply

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.

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.

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.

GEOTECHNICAL

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

CATHODIC

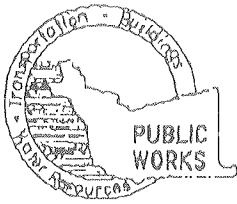
Fill hole anode zone with concrete placed by tremie.

- WELL DESTRUCTION - NO
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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Van
 FAX (510) 762-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th St ; Beach St.
TO SAN PABLO AV
EMERYVILLE

PERMIT NUMBER W04-0278
 WELL NUMBER _____
 APN _____

CLIENT
 Name Citellus Development Corp.
 Address 201 Mission St Phone 415 974 9647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name John Keese LFR LEVINE FRICKE
 Address 1900 Powell St Fax 510 652 2246
 City EMERYVILLE Zip 94608

TYPE OF PROJECT

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

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

DRILLER'S NAME George DeLina
 DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter	<u>8</u> in.	Maximum Depth	<u>20.5</u> ft.
Casing Diameter	<u>2</u> in.	Owner's Well Number	<u>MW-8</u>
Surface Seal Depth	<u>10.5</u> ft.		

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/25/04 3-23-04
 COMPLETION DATE 3-31-04

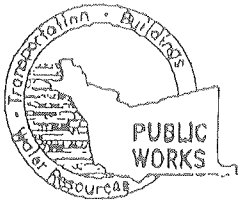
I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68
 APPLICANT'S SIGNATURE John C Keese DATE 2/20/04
 PLEASE PRINT NAME John C Keese Rev.9-18-02

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**
- Buck fill 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 anodic zone with concrete placed by tremie
- (F) WELL DESTRUCTION - P.G.H.F.**
- 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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40th BEACH STREET
TO SAN PABLO AVE
RAKLAND

PERMIT NUMBER W04-0279
WELL NUMBER _____
APN _____

CLIENT
Name CATALUNYA DEVELOPMENT CORP.
Address 201 MISSION ST Phone 915 974 4647
City SAN FRANCISCO CA Zip 94105

APPLICANT
Name JOHN KEENE LFR LEVINE FRICKE
Address 1900 TOWNE ST Phone 510 652 4500
City EMERYVILLE Zip 94608

TYPE OF PROJECT

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

PROPOSED WATER SUPPLY WELL USE

New Domestic Replacement Domestic
Municipal Irrigation
Industrial Other _____

DRILLING METHOD:

Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter 28 in. Maximum _____
Casing Diameter 2 in. Depth 26 ft.
Surface Seal Depth 12 ft. Owner's Well Number MW-9

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/25/04 - 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME JOHN C KEENE SR Rev. 9-18-02

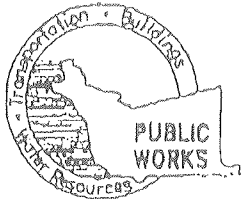
PERMIT CONDITIONS

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 under 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 - P607
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 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
 399 ELMHURST ST. HAYWARD CA. 94544-1395
 PHONE (510) 670-6633 James Yoo
 FAX (510) 782-1939
 APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
 DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV
~~FRANCISCO~~ OAKLAND CA

CLIENT
 Name CATELLUS DEVELOPMENT CORP.
 Address 201 MISSION ST Phone 415 974 9647
 City SAN FRANCISCO CA Zip 94105

APPLICANT
 Name JOHN KEELER LFR LEVINE FRICKE
 Address 1400 POWELL ST Phone 510 652 2246
 City EMERYVILLE Zip 94608

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"/>

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 Air Rotary Auger
 Cable Other

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter 18 in Maximum
 Casing Diameter 2 in Depth 45 ft
 Surface Seal Depth 32 ft Owner's Well Number MW-9D

GEOTECHNICAL PROJECTS

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

STARTING DATE 2/25/04 - 3-23-04

COMPLETION DATE 3-31-04

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

APPLICANT'S SIGNATURE [Signature] DATE 2/20/04

PLEASE PRINT NAME JOHN C KEELER Rev 9-18-02

FOR OFFICE USE

PERMIT NUMBER W04-0280
 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 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 holes 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 snodc zone with concrete placed by tremie.

(F)

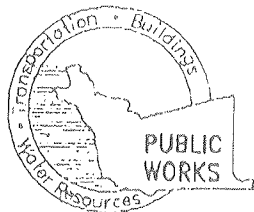
F. WELL DESTRUCTION - 16A2

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.

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT
HOLLIS ST YERBA BUENA AV
OAKLAND, CALIFORNIA

PERMIT NUMBER W04-0281
WELL NUMBER _____
APN _____

CLIENT
Name CATELLUS DEVELOPMENT CORP.
Address 201 MISSION ST Phone 415 974 4647
City SAN FRANCISCO CA Zip 94105

APPLICANT
Name JOHN KEELER LFR LEVINE FRICKE
Address 1900 POWELL ST Fax 510 652 2246
City EMERYVILLE Phone 510 652 4500 Zip 94608

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

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

DRILLING METHOD:
Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S NAME: GREGG DRILLING
DRILLER'S LICENSE NO. 485165

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum _____
Casing Diameter _____ in. Depth 25 ft.
Surface Seal Depth _____ ft. Owner's Well Number EX-1

GEOTECHNICAL PROJECTS
Number of Borings _____ Maximum _____
Hole Diameter _____ in. Depth 8 ft.

STARTING DATE: 3/24/04 3-23-04
COMPLETION DATE: 3/25/04 3-31-04

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

APPLICANT'S SIGNATURE John Keeler LFR DATE 3/17/04

PLEASE PRINT NAME JOHN C. KEELER Rev. 9-18-02

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

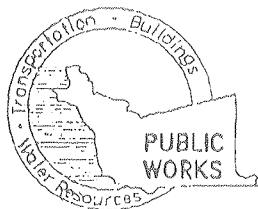
F. WELL DESTRUCTION - DELETED

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 site acceptable for geotechnical and contamination investigations

APPROVED [Signature] DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James Yoo
FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT

HOLLIS ST + HERBALSUNA
EMERYVILLE OAKLAND, CA

PERMIT NUMBER W04-0282
WELL NUMBER _____
APN _____

CLIENT

Name CATELLUS DEVELOPMENT CORP.
Address 201 MISSION ST Phone 415 974 9647
City SAN FRANCISCO CA Zip 94105

APPLICANT

Name JOHN KEELER LFR LEVINE FRICKE
Address 1900 POWELL ST Phone 510 652 9500
City EMERYVILLE Zip 94608

TYPE OF PROJECT

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

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

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO 485165

WELL PROJECTS

Drill Hole Diameter	_____ in	Maximum	_____
Casing Diameter	_____ in	Depth	<u>25</u> ft.
Surface Seal Depth	_____ ft	Owner's Well Number	<u>EX-2</u>

GEOTECHNICAL PROJECTS

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

STARTING DATE 3/24/04 8-23-04

COMPLETION DATE 3/25/04 3-31-04

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

APPLICANT'S SIGNATURE John Keeler LFR DATE 3/17/04

PLEASE PRINT NAME: JOHN C KEELER Rev.9-18-02

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

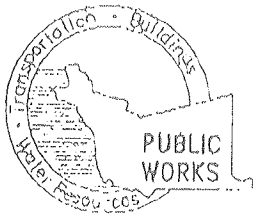
Fill bore hole with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings.
- E. CATHODIC

Fill hole anode zone with concrete placed by tremie.
- F. WELL DESTRUCTION PG#7

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 at well destruction. Multiple borings on one application are acceptable for geotechnical and contamination investigations.

APPROVED _____ DATE 3-22-04



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
399 ELMHURST ST. HAYWARD CA. 94544-1395
PHONE (510) 670-6633 James You
FAX (510) 782-1939

APPLICANTS: PLEASE ATTACH A SITE MAP FOR ALL DRILLING PERMIT APPLICATIONS
DESTRUCTION OF WELLS OVER 45 FEET REQUIRES A SEPARATE PERMIT APPLICATION

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 40TH ST ; BEACH ST.
TO SAN PABLO AV.
EMERYVILLE AND OAKLAND CA

PERMIT NUMBER W04-0283
WFL NUMBER _____
APN _____

CLIENT
Name CATELLUS DEVELOPMENT CORP.
Address 201 MISSION ST Phone 415 974 9647
City SAN FRANCISCO CA Zip 94105

APPLICANT
Name JOHN KEELER LFR LEVINE FRUCKE
Address 1900 POWELL ST Phone 510 652 4500
City EMERYVILLE Zip 94608

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 _____

DRILLING METHOD:

Mud Rotary Air Rotary Auger
Cable Other

DRILLER'S NAME GREGG DRILLING

DRILLER'S LICENSE NO. 485165

WELL PROJECTS

Drill Hole Diameter _____ in. Maximum _____
Casing Diameter _____ in. Depth 25 ft
Surface Seal Depth _____ ft Owner's Well Number MW-32R

GEOTECHNICAL PROJECTS

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

STARTING DATE 3/24/03

COMPLETION DATE 3/24/03

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

APPLICANT'S SIGNATURE [Signature] LFR DATE 3/17/04

PLEASE PRINT NAME JOHN C KEELER Rev.9-18-02

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A)

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

Back fill 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)

F. WELL DESTRUCTION

Send a map of work site P6-R-2 for wells deeper than 45 feet.

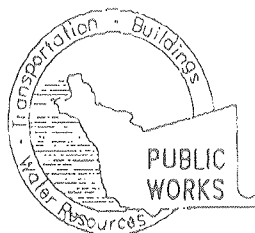
G. SPECIAL CONDITIONS

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

APPROVED [Signature] DATE 3-22-04

[Signature]

3-22-04

**ALAMEDA COUNTY PUBLIC WORKS AGENCY****WATER RESOURCES SECTION**

399 ELMHURST ST. HAYWARD, CA. 94544-1395

PHONE (510) 670-6633 James Yoo FAX (510) 782-1939

PERMIT NO. W04-0262-0283

**WATER RESOURCES SECTION
GROUNDWATER PROTECTION ORDINANCE
Destruction of Wells (Less than 45 feet in depth)****Destruction Requirements: PRESSURE GROUTING # 1**

- 1) Remove any casing(s) and annular seal to 3-5 feet below finished grade of original ground, whichever is the lower elevation. If well(s) are obstructed, then drill out to original depth.
- 2) Destroy well by grouting neat cement with a tremie pipe or pressure grouting (25 psi for 5min) to the bottom of the well and by filling with neat cement to three (3-5) feet below surface grade. Allow the sealing material to spill over the top of the casing to fill any annular space between casing and soil
- 3) After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.
- 4) Drilling permits are valid from the start date to the completion date. Permits can be extended by a phone call, but drilling permit applications will not be extended beyond 90 days from the approved start date. Permit is valid from March 23 to March 31, 2004.
- 5) Permittee, permittee's, contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on-or off site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
- 6) Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. This permit may be voided if it contains incorrect information.
- 7) Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
- 8) 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. Including: permit number and site map.
- 9) 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, properly damage, personal injury and wrongful death.

APPENDIX B

DWR Form 188 Well Completion Reports

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)**

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