

hydrologue, Inc.

Consulting Engineers & Geologists

<http://www.hydrologue.com>

Remediation Engineering

Hazardous Substances

Geology and Hydrogeology

Geotechnical Engineering

March 26, 2007

Project No. 3033-02

Mr. Jerry Wickham
Hazardous Materials Specialist
Alameda County Environmental Health Services
Environmental Protection
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

RE: Destruction of Groundwater Monitoring Wells 3S/1W-12A6 to 3S/1W-12A8 (MW-1 To MW-3), AT&T (formerly SBC Communication) Site (APN 941-1311-019-01), 7240 Johnson Drive, Pleasanton, CA 94566 (Permit 27034)

Dear Mr. Wickham:

Hydrologue, Inc. (HI), on behalf of AT&T Services, Inc. formerly (SBC Communications), hereby submits this report documenting the well destruction activities at the above Site for your files. The well destruction activities took place to comply with the closure requirements contained in the Alameda County Environmental Health (ACEH) letter to the AT&T Services dated December 1, 2006 (see attachments).

WELL DESTRUCTION PROCEDURES

Well destruction permits for three groundwater monitoring wells (MW-1 through MW-3) associated with the Site were obtained from Zone 7 Water Resources Management Agency of Livermore California (see attachments).

WELL DESTRUCTION PROCEDURES

Well destruction was initiated on February 26, 2007 under the direct supervision of a Hydrologue California Registered Geologist. Woodward Drilling Co. of Rio Vista C-57 licensed (C-57 # 710079) well driller, completed the well destruction work under contract to HI. All field work was completed the same day.

The three groundwater monitoring wells MW-1, MW-2 and MW-3 located in the courtyard of AT&T Services-Pleasanton were abandoned by:

- Cleaning out any materials within the wells;
- Measuring the wells depth;
- Pressure grouting the casing to two feet below the finished grade using Portland cement-94# sack and under 25 psi pressure for 5 minutes;
- Removing well box, casing and seal to 5 feet below ground surface

- Backfilling the hole with neat cement and dry cement to make well tops firm;
- Patching the surface with concrete after the seal had set.

The concrete was used to patch the ground surface pending further restoration of the Site surface. Approximately 4.2 Cubic feet of Portland cement-94# sack (7 bags) were used to pressure grout all three wells. Approximately 1.8 Cubic feet of concrete-Quickrete and one bag of Aqua Gel Gold Seal 50# were used to seal and patch the surface of the wells. Each well was pressure grouted and sealed under the supervision of a HI geologist.

All soil cuttings and other wastes (sand, well casing, seal, etc.) generated during well destruction activities were stored and sealed in 55-gallon steel drums meeting DOT standards for hazardous material transport and were subsequently stored at the Site. Each drum was labeled with waste type, date of waste generation, site, project name and number, and name and phone number of the Client Project Manager. Hydrologue, Inc. will arrange for the appropriate disposal of the wastes.

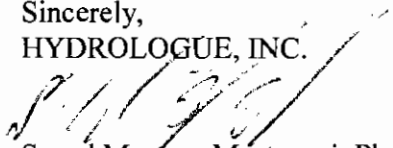
CONCLUSION

On February 26, 2007, all on-Site groundwater monitoring wells MW-1, MW-2 and MW-3 located at AT&T Facility were abandoned by pressure grouting, removing the top of the well casing and seal to 5 feet below ground surface, and completing at the surface using concrete. At this time, no monitoring wells remain at the Site.

LIMITATION

HI has prepared this report for the exclusive use of AT&T only. All work has been conducted in accordance with generally accepted practices in the fields of environmental engineering, geology, and hydrogeology that exist in this or similar localities at this time. No other warranty, either expressed or implied, is made.

Sincerely,
HYDROLOGUE, INC.

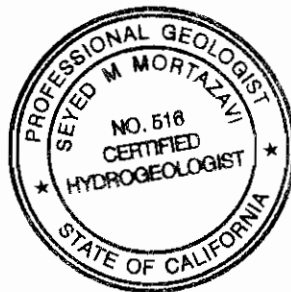


Seyed Morteza Mortazavi, Ph.D.
Principal Hydrogeologist/Engineer
C.H.G. No. 516
R.G. No. 5326

Attachments: Figures 1 and 2

- Alameda County Environmental Health Service letter dated December 1, 2006
- Well Destruction Permit
- Boring Logs
- Construction Detail of Groundwater Monitoring Wells MW-1 through MW-3

cc: SMITH, MARK (ATTSI)



REPORTING REQUIREMENTS

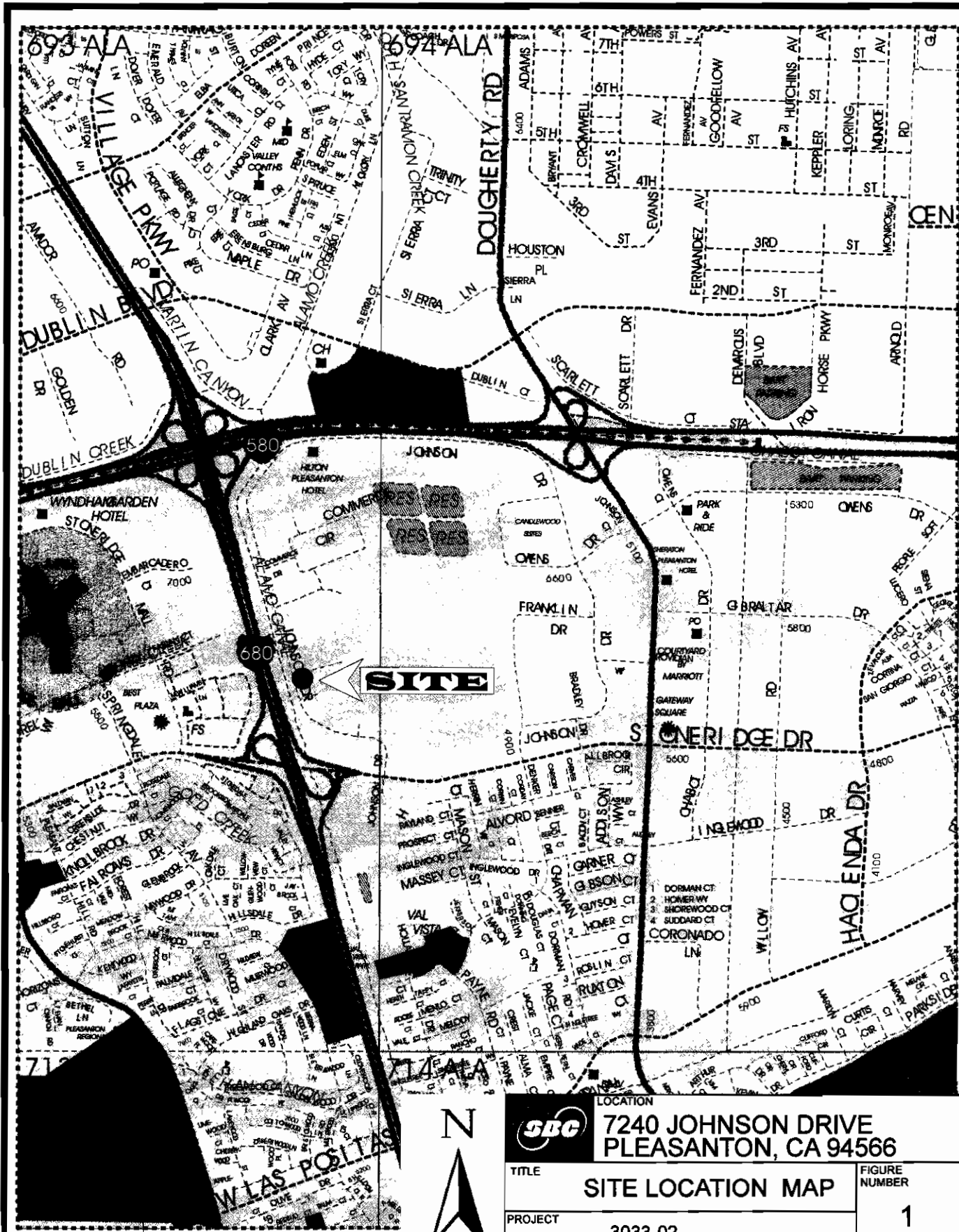
This report entitled Destruction of Groundwater Monitoring Wells 3S/1W-12A6 to 3S/1W-12A8 (MW-1 to MW-3), AT&T (formerly SBC Communication) Site (APN 941-1311-019-01), 7240 Johnson Drive, Pleasanton, CA 94566 (Permit 27034), dated March 26, 2007 will be submitted by HI on behalf of the AT&T to the following agencies.

Mr. Jerry Wickham Environmental Health Services Environmental Protection 1131 Harbor Bay Parkway, Suite 250 Alameda, CA 94502-6577	Mr. Wyman Hong Zone 7 Alameda county Flood Control & Water Conservation District 100 North Canyons Parkway Livermore, California 94551
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Any questions regarding this report should be directed to the following:

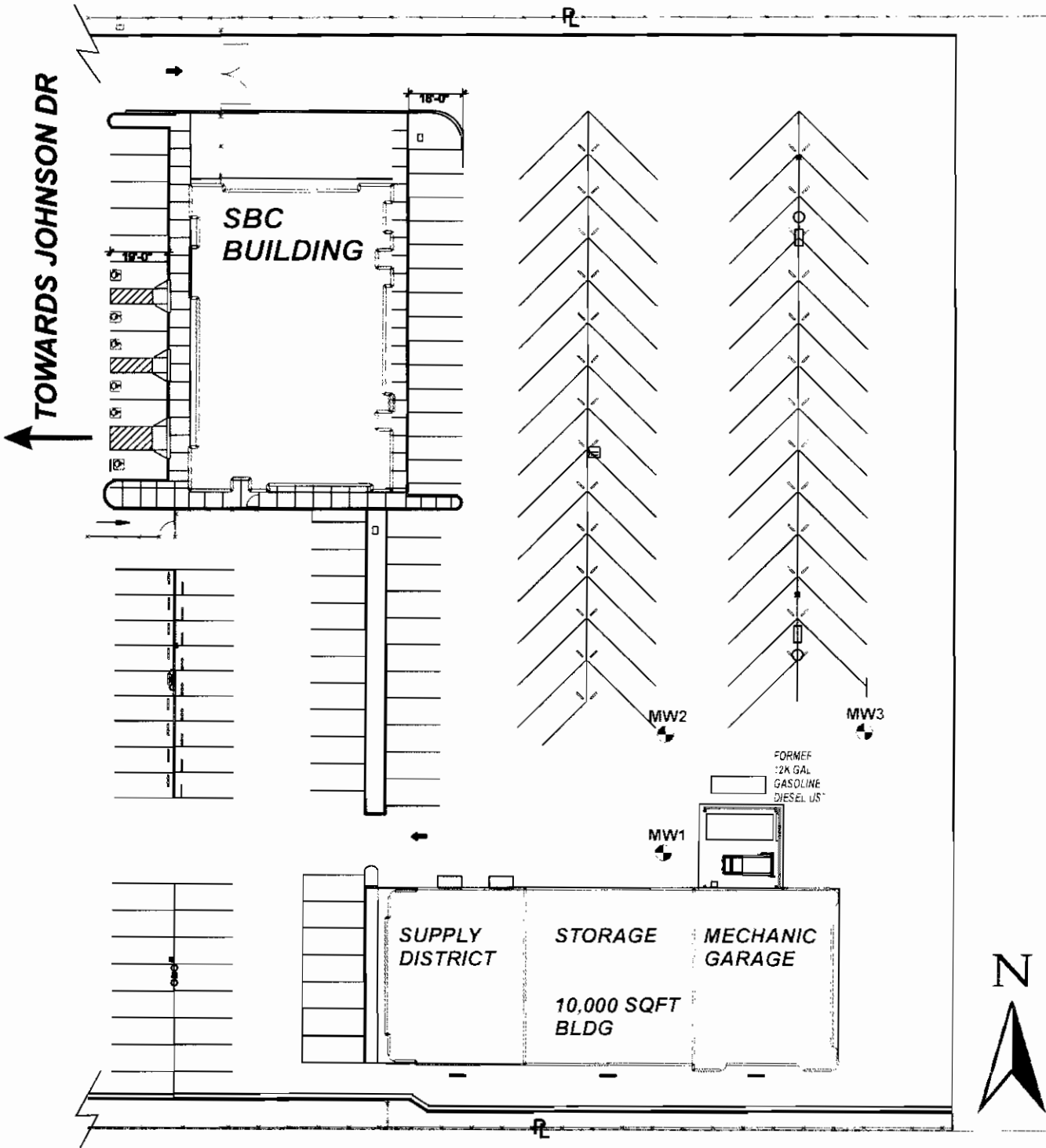
CLIENT CONTACT	CONSULTANT CONTACT
Mr. Mark Smith, P.G. Environmental Manager AT&T Services, Inc. 308 South Akard, Room 1700 Three SBC Plaza Dallas, Texas 75202-5399 Tel: (214) 464-1805	Seyed Mortazavi, CHG. Principal Hydrogeologist hydrologue Inc. 2793 E. Foothill Blvd. Pasadena, CA 91107 Tel: 626-585-9696 Fax: 626-585-0046

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(C) 2001 Thomas Bros Map.

 LOCATION 7240 JOHNSON DRIVE PLEASANTON, CA 94566	
TITLE SITE LOCATION MAP	FIGURE NUMBER 1
PROJECT 3033-02	
hydrologue, Inc. <i>Consulting Engineers & Geologists</i>	



SCALE
0 50 feet

MW3 GROUNDWATER MONITORING WELL

CLIENT	LOCATION	
	7240 JOHNSON DRIVE PLEASANTON, CA 94566	
TITLE	SITE PLAN	FIGURE NUMBER
		2
PROJECT	3033-02	
hydrologue, Inc. Consulting Engineers & Geologists		

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

December 1, 2006

Louise Delano
AT&T Services
308 South Akard Street, Room 1700
Dallas, TX 75202

Subject: Fuel Leak Case No. RO0002609, SBC PE171 Facility, 7240 Johnson Drive, Pleasanton, CA - Request for Well Decommissioning

Dear Ms. Delano:

Alameda County Environmental Health (ACEH) and California Regional Water Quality Control Board staff have reviewed the fuel leak case file and case closure summary for the above-referenced site and concur that no further action related to the underground storage tank fuel release is required at this time. Prior to issuance of a remedial action completion certificate, the monitoring wells at the site are to be properly destroyed, should the monitoring wells have no further use at the site. Please decommission the monitoring wells and provide documentation of the well decommissioning to this office. A remedial action completion certificate will be issued following receipt of the documentation.

Well destruction permits may be obtained from the Zone 7 Water Agency (<http://www.zone7water.com>). If you have any questions, please call me at (510) 567-6791.

Sincerely,

Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway,
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street,
Pleasanton, CA 94566

Rob Delnagro, Shaw Environmental, Inc., 4005 Port Chicago Highway, Concord, CA 94520

Geeyed Mortazavi, Hydrologue, Inc., 2793 East Foothill Boulevard, Pasadena, CA 91107

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

February 23, 2007

**Zone 7
Water Resources Engineering
Groundwater Protection Ordinance**

**SBC
7240 Johnson Drive
Pleasanton
Wells 3S/1W-12A6 (MW-1), 3S/1W-12A7 (MW-2) and 3S/1W-12A8
(MW-3)
Permit 27034**

Destruction Requirements:

1. Clean out all bridged or poorly compacted materials to the bottom of the well.
2. Sound the well as deeply as practicable and record for your report.
3. Pressure grout the casing to two feet below the finished grade or original ground, whichever is the lower elevation.
4. Remove the casing, seal, and gravel pack to two feet below the finished grade or original ground, whichever is the lower elevation (optional).
5. After the seal has set, backfill the remaining hole with compacted material (optional).



ZONE 7 WATER AGENCY

100 NORTH CANYONS PARKWAY, LIVERMORE, CALIFORNIA 94551 VOICE (925) 454-5000 FAX (925) 454-5728

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 7240 Johnson Drive,
Pleasanton, CA 94566
AT&T PE 134 Facility

PERMIT NUMBER 27034
WELL NUMBER 3S/1W-12A6 to 12A8 (MW-1 to MW-3)
APN 941-1311-019-01

California Coordinates Source _____ ft. Accuracy _____ ft.
CCN _____ ft. CCE _____ ft.
APN _____

PERMIT CONDITIONS

(Circled Permit Requirements Apply)

CLIENT
Name Mark T. Smith / AT&T Environmental Health & Safety
Address 308 S Alameda Rm 1200 Phone 214-464-8173
City Dallas, TX Zip 75202

- (A) GENERAL
 1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
 2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects or drilling logs and location sketch for geotechnical projects.
 3. Permit is void if project not begun within 90 days of approval date.
- B. WATER 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.
 3. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
 4. A sample port is required on the discharge pipe near the wellhead.
- C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
 1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
- D. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.
- E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.
- (F) WELL DESTRUCTION. See attached. SPECIAL CONDITIONS. Submit to Zone 7 within 60 days after the completion of permitted work the well installation report including all soil and water laboratory analysis results.

APPLICANT
Name Hydrologue Inc. Fax 626-585-0046
Address 2793 E Foothill Blvd Phone 626-585-9696
City Pasadena, CA Zip 91107

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

PROPOSED WELL USE			
New Domestic	..	Irrigation	..
Municipal	..	Remediation	..
Industrial	..	Groundwater Monitoring	..
Dewatering	Other	<u>N/A</u>

DRILLING METHOD:
Mud Rotary .. Air Rotary .. Hollow Stem Auger **X**
Cable Tool .. Direct Push .. Other pressure grout

DRILLING COMPANY Woodward Drilling
DRILLER'S LICENSE NO. C-572 : 710039

WELL PROJECTS
Drill Hole Diameter 8 in. Maximum
Casing Diameter 2 in. Depth 25 ft.
Surface Seal Depth 4 ft. Number 3

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

ESTIMATED STARTING DATE 02/26/07
ESTIMATED COMPLETION DATE 02/26/07










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

APPLICANT'S SIGNATURE [Signature] Date 02/07/07

Approved [Signature] Date 2/20/07
Wyman Hong

ATTACH SITE PLAN OR SKETCH

Project: SBC-Pleasanton	Location: 7240 Johnson Drive, Pleasanton, CA	Project #: 3033-00
Logged By: RO	Start/Finish Date: 8-23-05	Boring I.D.: MW-1
1st Water Table (bgs):	Sampling Method (bgs): CA Modified Split Spoon	PID:
Last Water Table (bgs):	Wt. of Hammer (lb): #140 Hole Diameter: 8"	Elevation:
Rig Type: CME-85	Drilling Contractor: WDC	Weather:

Depth (ft.)	Sample Interval	Blow Count	Time	PID (ppm)	Lithology	USCS	Lithologic Description		Remarks
							(Soil classification, Color, Grain Size, Moisture, Consistency, Other)		
0						GP	Asphalt		
0						GP	Fill-gravel, grey, medium, slightly moist, moderately compact		
0						CL	Sandy clay, blue-grey, moist, firm		
5		77/10	14:45	0		SM	Silty sand, grey, moist, moderately dense		
5						CL	Sandy clay, blue-grey, moist, stiff to hard, trace oxidation		
10		7/9/13	14:55	0		CL			
15		9/11/12	15:05	0		CL	Becomes very moist in tip, some gravel		
20		7/7/11	15:15	0		CL			
25		6/8/10				CL			
30									
35									
40									



Total Depth Drilled = 25' feet.
 Set well screen 5'-25'

Project: SBC-Pleasanton	Location: 7240 Johnson Drive, Pleasanton, CA	Project #: 3033-00
Logged By: RO	Start/Finish Date: 8-23-05	Boring I.D.: MW-2
1st Water Table (bgs):	Sampling Method (bgs): CA Modified Split Spoon	PID:
Last Water Table (bgs):	Wt. of Hammer (lb): #140 Hole Diameter: 8"	Elevation:
Rig Type: CME-85	Drilling Contractor: WDC	Weather:

Depth (ft.)	Sample Interval	Blow Count	Time	PID (ppm)	Lithology	USCS	Lithologic Description		Remarks
							(Soil classification, Color, Grain Size, Moisture, Consistency, Other)		
0							Asphalt		
1						GP	Fill- gravel, grey, medium, slightly moist, moderately compact		
2						SP	Fill- sand, brown, fine, moist, trace silt		
5		5/6/8	12:15	0		CL	Sandy clay, dark grey, moist, stiff, silty, trace, gravel		
10		6/7/7	12:20	0					
15		7/8/8	12:30	0					
20		5/9/12	12:40	0					
25		7/13/22							
30									
35									
40									

Drill rod wet at 21'



Total Depth Drilled = 25' feet.
 8 bags sand x 100#
 Set well screen 5'-25'

Project: SBC-Pleasanton	Location: 7240 Johnson Drive, Pleasanton, CA	Project #: 3033-00
Logged By: RO	Start/Finish Date: 8-23-05	Boring I.D.: MW-3
1st Water Table (bgs):	Sampling Method (bgs): CA Modified Split Spoon	PID:
Last Water Table (bgs):	Wt. of Hammer (lb): #140 Hole Diameter: 8"	Elevation:
Rig Type: CME-85	Drilling Contractor: WDC	Weather:

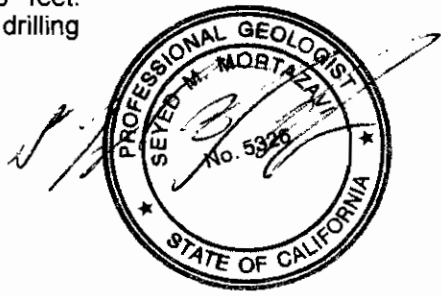
Depth (ft.)	Sample Interval	Blow Count	Time	PID (ppm)	Lithology	USCS	Lithologic Description		Remarks
							(Soil classification, Color, Grain Size, Moisture, Consistency, Other)		
0							0-4" Asphalt		
1						GP	Fill- gravel, light gray, medium, slightly moist, moderately compact		
2						CL	Sandy clay, dark gray, moist, firm, some gravel and silt		
5	6/7/12	9:30	0						
10	6/7/10	9:40	0				Sandy clay, dark gray, moist, firm, some gravel and silt		
15	11/14/19	9:50	0				Sandy clay, dark gray, moist, firm, some gravel and silt, light mottling		
20	11/9/11	10:00	0				Sandy clay, dark gray, moist, firm, some gravel and silt, light mottling		
25	10/17/23	10:10	0				Sandy clay, dark gray, moist, firm, some gravel and silt		
30									
35									
40									

Total Depth Drilled = 25' feet.
No groundwater during drilling

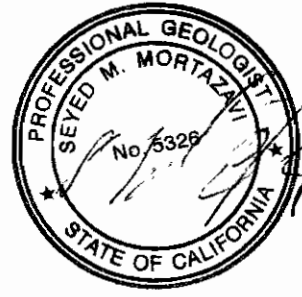
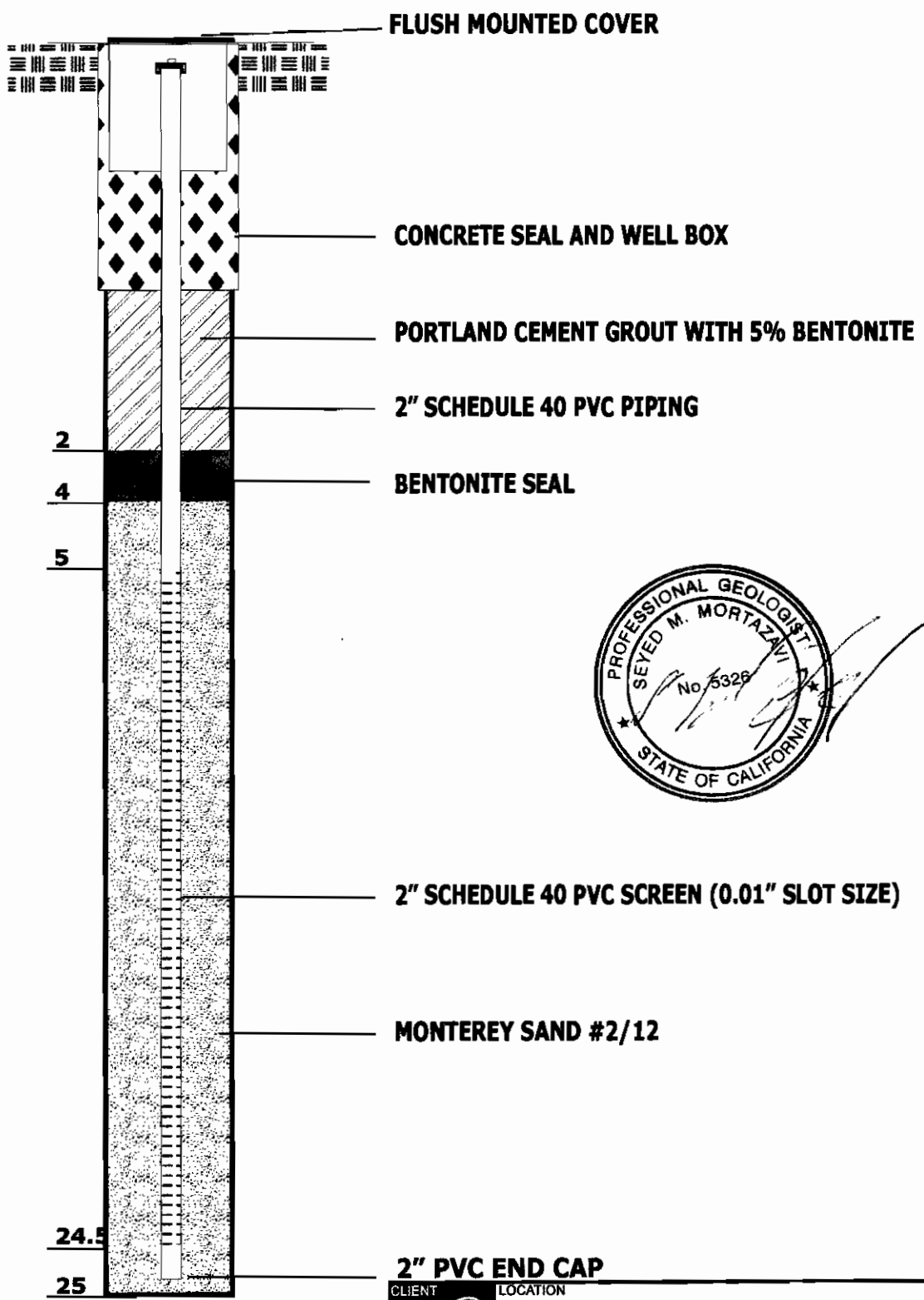
5 bags sand x 100#

Well set 5'-25'

Water after 1 hour



DEPTH BELOW GROUND SURFACE (FEET)



8-INCH
WELL BORING
ANNULAR SPACE

PERMIT NO. 25131

2" PVC END CAP	
CLIENT	LOCATION
	7240 JOHNSON DRIVE PLEASANTON, CA 94566
TITLE	FIGURE NUMBER
CONSTRUCTION DETAIL OF GROUNDWATER MONITORING WELLS MW-1 THROUGH MW-3	C
PROJECT	
3033-00	
hydrologue, Inc. <i>Consulting Engineers & Geologists</i>	