

RECEIVED

By Alameda County Environmental Health at 1:19 pm, Dec 24, 2014

Mills College
5000 MacArthur Blvd.
Oakland, CA 94613
www.mills.edu

MILLS

Mr. Keith Nowell
Alameda County Health Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

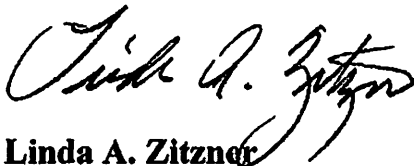
December 5, 2014

RE: Well Destructions
Mills College
5000 MacArthur Blvd.
Oakland, California

Dear Mr. Nowell,

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

Sincerely,



Linda A. Zitzner
AVP Facilities, Auxiliaries, and Campus Planning
Off: 510-430-2024
Fax: 510-430-2306
lzitzner@mills.edu



Mr. Keith Nowell
Alameda County Health Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

December 5, 2014
Project 411-01.03

**RE: Well Destructions
Mills College
5000 MacArthur Boulevard
Oakland, California**

Dear Mr. Nowell,

EquoLogic, on behalf of Mills College, has prepared the following Well Destruction Report.

SCOPE OF WORK

On November 17, 2014, eight monitoring were destroyed at Mills College in accordance with your email dated October 27, 2014. Five wells (MW-1 through MW-5) were located at the college corporation yard (Figure 1). Three wells (MHW-1 through MHW-3) were located behind Mills Hall in what is referred to as Toyon Meadows (Figure 2). Wells were pressured grouted with cement slurry in accordance with the well destruction permit. All work was performed by Gregg Drilling & Testing under the supervision of EquoLogic. Work was inspected by Mr. Steve Miller of the Alameda County Public Works Agency. The well destruction permit is provided as Attachment A. All investigation, remediation, and well destruction derived wastes have been removed from the site.

You can contact me at (408) 656-2505 or by email at ldooley@equologicgroup.com.

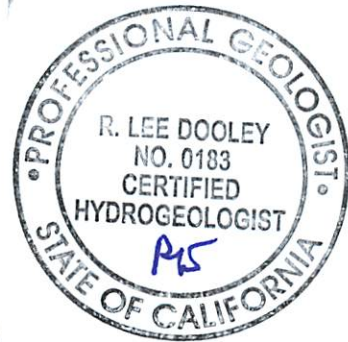
1095 Brahnam Lane #204, San Jose, CA 95136

[www. EquoLogicGroup.com](http://www.EquoLogicGroup.com)

Sincerely,



Lee Dooley
Senior Hydrogeologist
CHG 183



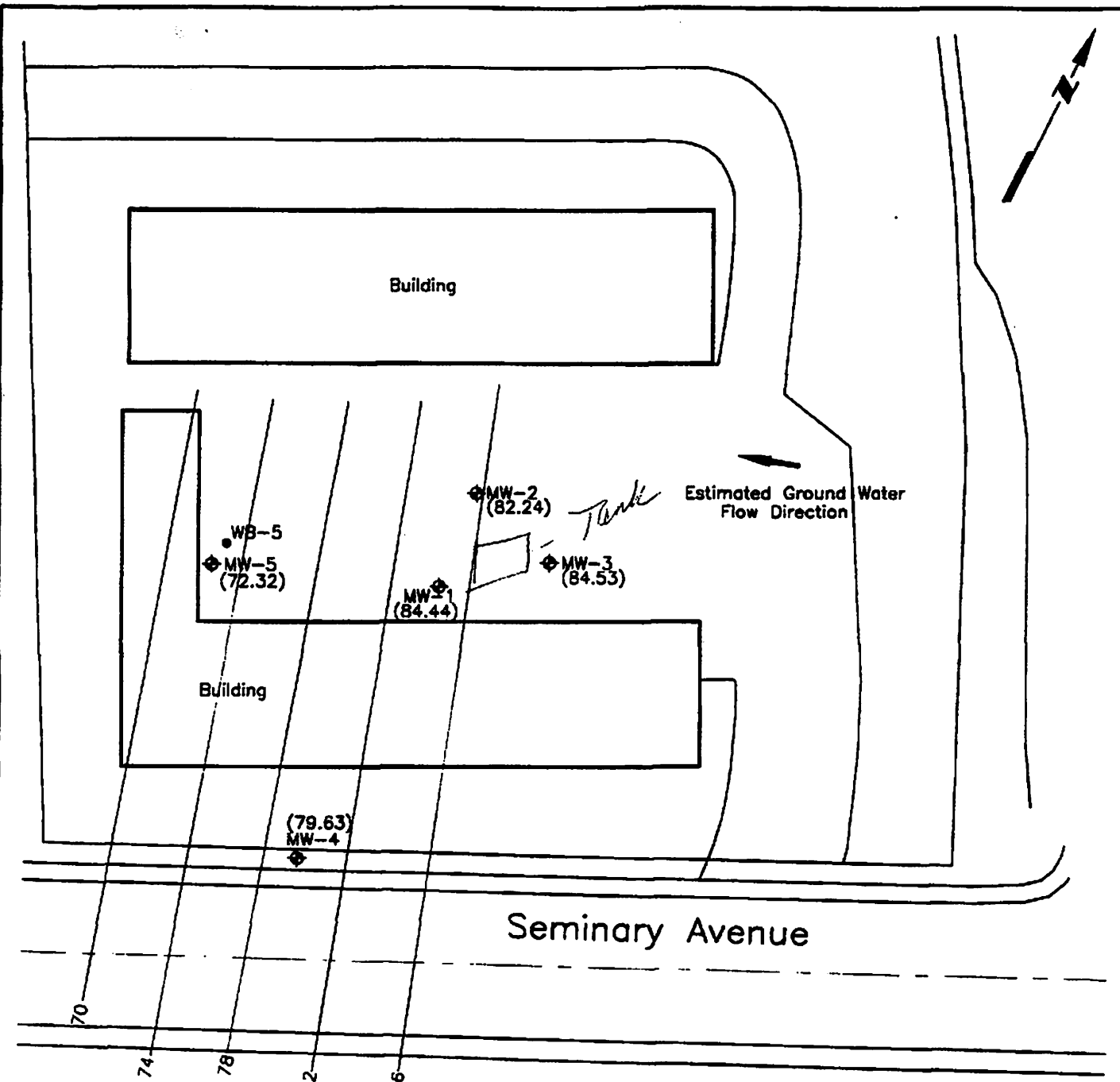
Attachments

Figure 1 – Site Plan – Mills College Corporation Yard Facility

Figure 2 – Location of Groundwater Monitoring Wells-Mills Hall/Toyon Meadows

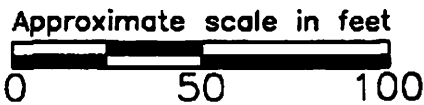
Attachment A – Well Destruction Permit

Cc: Linda Zitzner, Mills College, 5000 MacArthur Blvd., Oakland, CA 94613-1301



LEGEND

- ◆ Monitoring Well Location
- 70 Ground Water Contour 5/16/95
- Soil Boring



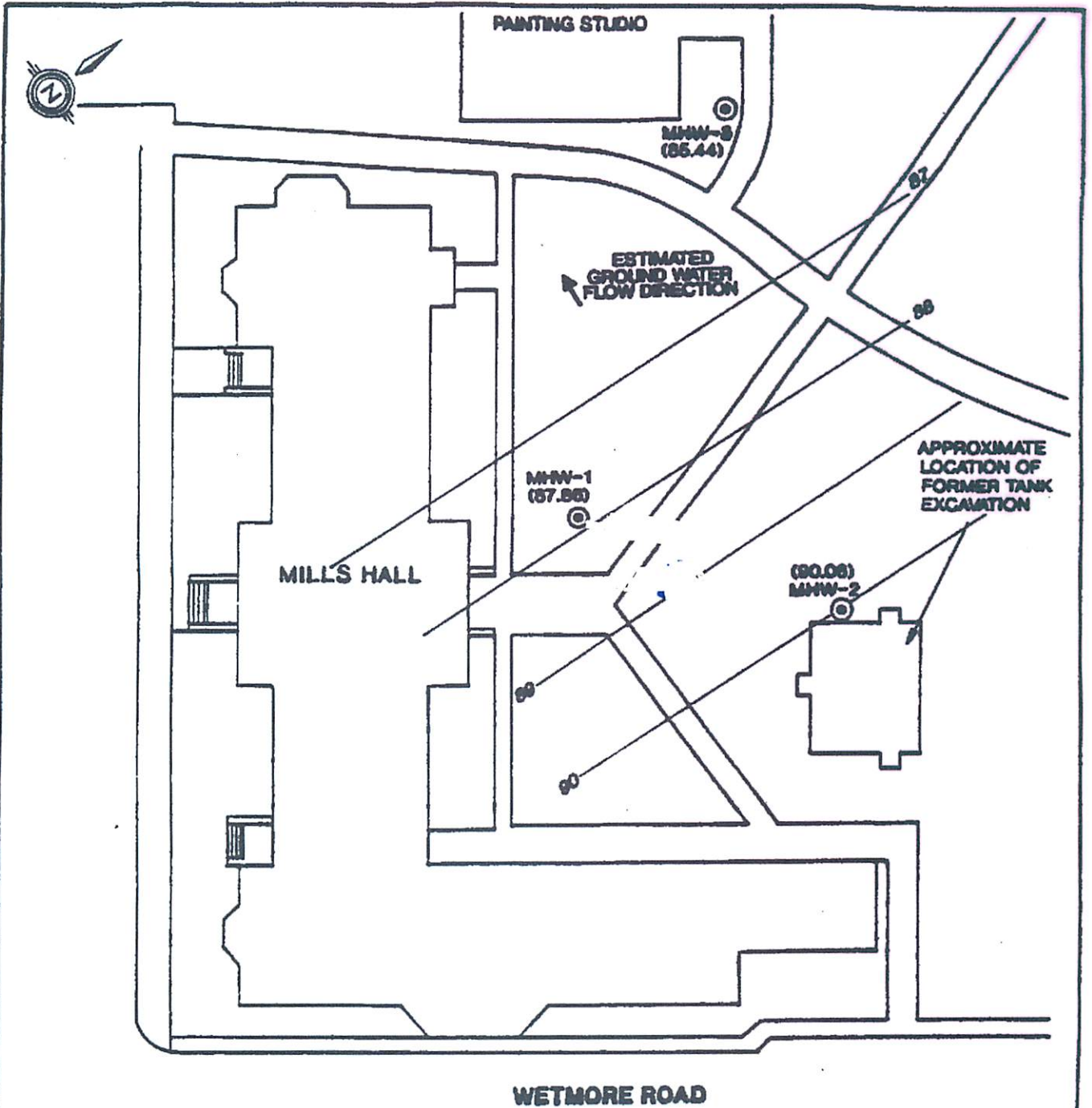
6-95-2

HARZA
Consulting Engineers and Scientists


SITE PLAN

MILLS COLLEGE
CORPORATION YARD FACILITY
Oakland, California

PROJECT NO.	DATE	FIGURE NO.
K275-H	June 1995	2



LEGEND

MHW-1  APPROXIMATE LOCATION OF MONITORING WELL WITH RELATIVE GROUND WATER ELEVATION

87 — GROUND WATER CONTOUR 6/20/84

APPROXIMATE SCALE IN FEET

0 40 80

BASE: Provided by Mills College, Dated 3/88

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LOCATION OF GROUND WATER MONITORING WELLS

**MILLS HALL/TOYON MEADOW
 Oakland, California**

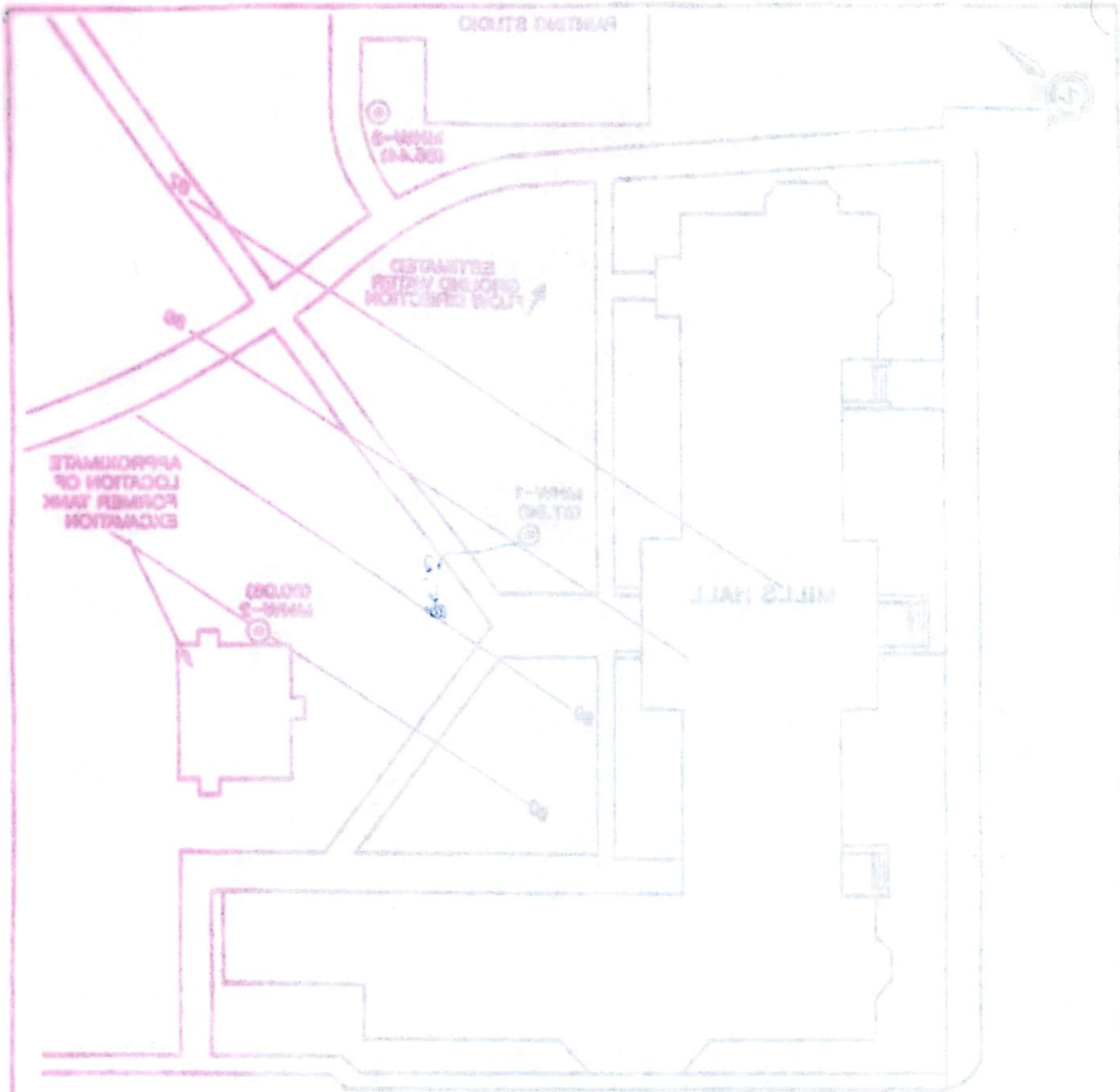
PROJECT NO.

DATE

Figure 2

K275-G

June 1984



LEGEND

— GROUND WATER CONVEY SYSTEM

○ MONITORING WELL WITH RELATIVE GROUND WATER ELEVATION

○ APPROXIMATE LOCATION OF EXISTING WELL WITH RELATIVE GROUND WATER ELEVATION

APPROXIMATE SCALE IN FEET

0 40 80

BASE PROVIDED BY STATE COLLEGE, DATE 3/88

Ostland California		PROJECT NO.	
MILLS HALL TOWN MEADOW		DATE	
MONITORING WELLS		JUNE 1984	
LOCATION OF GROUND WATER		PAGE 5	

HARRIS

Consulting Engineers and Scientists

ATTACHMENT A
Well Destruction Permit

Alameda County Public Works Agency - Water Resources Well Permit



Public Works Agency
— Alameda County —

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 11/10/2014 By jamesy

Permit Numbers: W2014-1081 to W2014-1088
Permits Valid from 11/17/2014 to 11/18/2014

Application Id: 1414704695166
Site Location: 5000 MacArthur Blvd.

City of Project Site:Oakland

Project Start Date: 11/17/2014
Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Completion Date:11/18/2014

Applicant: EquoLogic - Lee Dooley
1095 Branham Lane #204, San Jose, CA 95136
Property Owner: Linda Zitzner Mills College
5000 MacArthur Blvd., Oakland, CA 94613
Client: ** same as Property Owner **
Contact: Lee Dooley

Phone: 408-656-2502
Phone: 510-430-2024
Phone: 408-656-2505
Cell: 408-656-2505

	Total Due:	\$3176.00
Receipt Number: WR2014-0462	Total Amount Paid:	\$3176.00
Payer Name : EquoLogic	Paid By: CHECK	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 8 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: press

Work Total: \$3176.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2014-1081	11/10/2014	02/15/2015	MHW-1	8.00 in.	2.00 in.	7.00 ft	23.00 ft	2S/3W10C	No Records	No Records
W2014-1082	11/10/2014	02/15/2015	MHW-2	8.00 in.	2.00 in.	7.00 ft	23.00 ft	2S/3W10C	No Records	No Records
W2014-1083	11/10/2014	02/15/2015	MHW-3	8.00 in.	2.00 in.	7.00 ft	21.00 ft	2S/3W10C	No Records	No Records
W2014-1084	11/10/2014	02/15/2015	MW-1	8.00 in.	2.00 in.	16.00 ft	34.00 ft	2S/3W10C	No Records	No Records
W2014-1085	11/10/2014	02/15/2015	MW-2	8.00 in.	2.00 in.	12.00 ft	33.00 ft	2S/3W10C	No Records	No Records
W2014-1086	11/10/2014	02/15/2015	MW-3	8.00 in.	2.00 in.	11.00 ft	34.00 ft	2S/3W10C	No Records	No Records
W2014-1087	11/10/2014	02/15/2015	MW-4	8.00 in.	2.00 in.	25.00 ft	47.00 ft	2S/3W10C	No Records	No Records
W2014-1088	11/10/2014	02/15/2015	MW-5	8.00 in.	8.00 in.	2.00 ft	33.00 ft	2S/3W10C	No Records	No Records

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility 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.

2. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits

Alameda County Public Works Agency - Water Resources Well Permit

and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well construction or 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. Include permit number and site map.

4. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

5. 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 and liability in connection with or resulting from the exercise of this Permit including, but not limited to, property damage, personal injury and wrongful death.

6. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

7. 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.

8. Remove the Christy box or similar structure.

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.

After the seal has set, backfill the remaining hole with concrete or compacted material to match existing conditions.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
