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Oakland, California 94607
Tel: (510) 268-0461
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January 24, 2012
Project No. 04.72120001

City of Emeryville Redevelopment Agency
1333 Park Avenue
Emeryville, CA 94608

Attention: Ms. Catherine Firpo

Subject: Well Destruction Report, 1168 36th Street, Emeryville, California

Dear Ms. Firpo:

With this letter Fugro Consultants Inc. (Fugro) documents the completion of well destruction activities at the subject site. On January 17, Fugro completed the well destruction activities with oversight from Alameda County Public Works Agency (ACPWA). Fugro contracted with Vapor Tech Services (VTS), a licensed drilling contractor (C-57# 916085), to destroy groundwater monitoring wells MW-1 through MW-6. Well destruction activities consisted of the following:

- Procuring ACPWA Well Permits #W2012-049 through W2012-054 (Attached).
- Removing each well box and injecting neat cement grout from the bottom of each well to the surface via tremmie pipe.
- Disposing of derived waste comprising well boxes, PVC well casing, and a minor amount of grout.
- Completing well abandonment forms (DWR-188) in accordance with State and County requirements. Copies of these forms are attached.

We trust this provides the information required at this time. Please call either of the undersigned if you have any questions or need additional information.

Sincerely,

FUGRO WEST, INC.

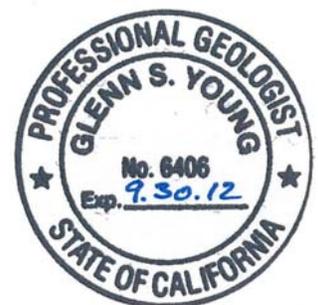
A handwritten signature in black ink, appearing to read "Glenn S. Young".

Glenn S. Young, P.G., LEED AP
Principal Geologist

A handwritten signature in black ink, appearing to read "Michael D'Anna".

Michael D'Anna
Staff Geologist

GSY/MDD:afp



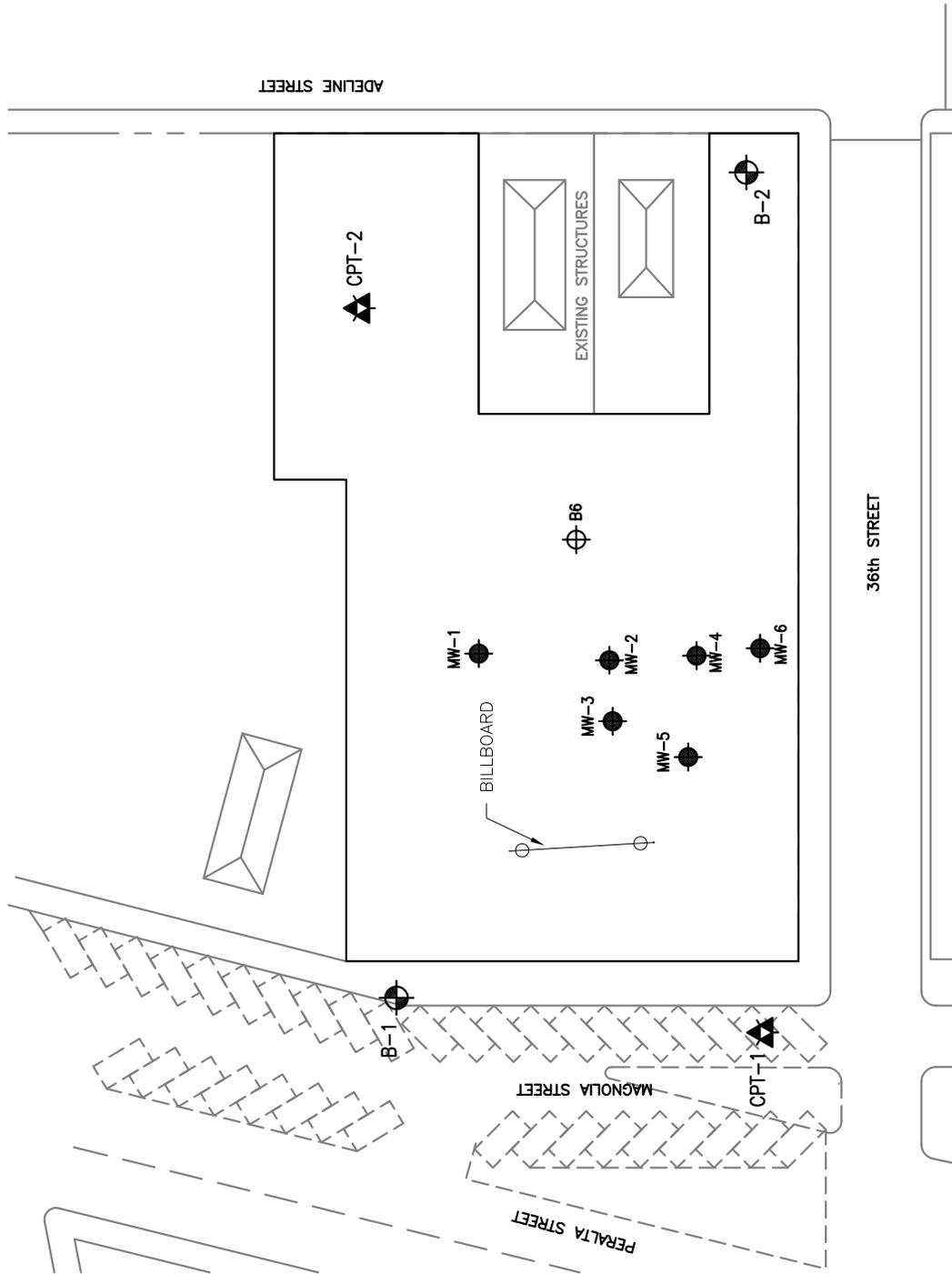


Attachments: Plate 1 – Well Location Plan
Appendix A - ACPWA Permits #W2012-049 through W2012-054
Appendix B - DWR 188 Forms

Copies Submitted: (1) Addressee
(1) Ms. Jessica Sheldon, Senior Project Manager, Resources for Community
Development.
(1) Ms. Vicky Hamlin, Water Resources Grout Inspector, Alameda County Public
Works Agency

PLATES

M:\Drafting\JOBFILES\2012\04.72120001\Drawings\A04.72120001-01 site.dwg 01-19-2012 - 11:32am

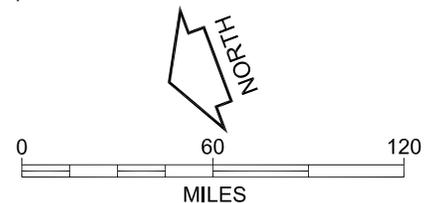


SOURCE: Base Map provided by Resources for Community Development for our 2003 Geotechnical Report

LEGEND

-  B-2 APPROXIMATE LOCATION OF BORING
-  CPT-1 APPROXIMATE LOCATION OF CPT BORING
-  B6 APPROXIMATE LOCATION OF BORING BY OTHERS
-  MW-3 APPROXIMATE LOCATION OF GROUNDWATER MONITORING WELL

SITE PLAN
 Former Ambassador Laundry
 1168 36th Street
 Emeryville, California



APPENDIX A
ACPWA PERMITS W2012-049 THROUGH W2012-054

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 01/11/2012 By jamesy

Permit Numbers: W2012-0049 to W2012-0054
Permits Valid from 01/17/2012 to 01/17/2012

Application Id: 1326301728640
Site Location: 1168 36th Street.

City of Project Site: Emeryville

Project Start Date: 01/17/2012
Assigned Inspector: Contact Vicky Hamlin at (510) 670-5443 or vickyh@acpwa.org

Completion Date: 01/17/2012

Applicant: Fugro Consultants Inc. - Karen Emery
1000 Broadway, Ste 440, Oakland, CA 94607

Phone: 510-267-4432

Property Owner: City of Emeryville
1333 Park Avenue, Emeryville, CA 94608

Phone: --

Client: City of Emeryville
1333 Park Avenue, Emeryville, CA 94608

Phone: --

	Total Due:	\$2382.00
Receipt Number: WR2012-0016	Total Amount Paid:	\$2382.00
Payer Name : Glenn S. Young	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Well Destruction-Monitoring - 6 Wells

Driller: VaporTech Services - Lic #: 916085 - Method: press

Work Total: \$2382.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2012-0049	01/11/2012	04/16/2012	MW-1	8.00 in.	2.00 in.	15.00 ft	29.00 ft	1S/4W23M	W2009-0016	e0093256
W2012-0050	01/11/2012	04/16/2012	MW-2	2.00 in.	2.00 in.	15.00 ft	29.00 ft	1S/4W23M	W2009-0017	e0093534
W2012-0051	01/11/2012	04/16/2012	MW-3	2.00 in.	2.00 in.	15.00 ft	29.00 ft	1S/4W23M	W2009-0018	e0093560
W2012-0052	01/11/2012	04/16/2012	MW-4	8.00 in.	2.00 in.	16.00 ft	30.00 ft	1S/4W23M	W2009-0019	e0093563
W2012-0053	01/11/2012	04/16/2012	MW-5	8.00 in.	2.00 in.	12.00 ft	30.00 ft	1S/4W23M	W2009-0020	e0093564
W2012-0054	01/11/2012	04/16/2012	MW-6	8.00 in.	2.00 in.	15.00 ft	29.00 ft	1S/4W23M	W2009-0021	e0039565

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 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.

Alameda County Public Works Agency - Water Resources Well Permit

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 Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org 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.
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APPENDIX B
DWR 188 FORMS

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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