

Received 10/26/02

Alameda County
DEC 26 2002
Environmental Health

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20224

December 23, 2002
RRM Project FA16

Mr. Amir K. Gholami
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Re: **Well Destruction Documentation**
Beck Roofing Company
21123 Meekland Avenue
Hayward, California

Dear Mr. Gholami:

This letter, prepared by RRM, Inc. (RRM), on behalf of Beck Roofing Company, documents the destruction of groundwater monitoring well MW-3, at the referenced site (Figure).

A well destruction permit was obtained from the Alameda County Public Works Agency Water Resources Section (ACPWAWRS) and is included as Attachment A. Field activities were completed on December 18, 2002. Prior to well destruction, the monitoring well was sounded, and determined to be free of obstructions to its full depth. The well destruction activities were supervised by an RRM staff geologist and performed by Exploration Geo Services, Inc. of San Jose, California, a state-licensed drilling contractor. The procedures were as follows. The well casing and annular seal were removed to a depth of three feet below finished grade. Portland cement grout was injected into the well at a pressure of approximately 25 pounds per square inch for five minutes. Portland cement grout was filled to three feet below finish grade. Upon completion of well destruction, the associated well boxes were broken up, removed, and resurfaced with concrete.

RRM has submitted a Department of Water Resources Form 188 (Water Well Drillers Report) for the destroyed well to the ACPWAWRS.

December 23, 2002

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If you have any questions regarding this letter, please do not hesitate to call me at (831) 475-8141.

Sincerely,

RRM, Inc.



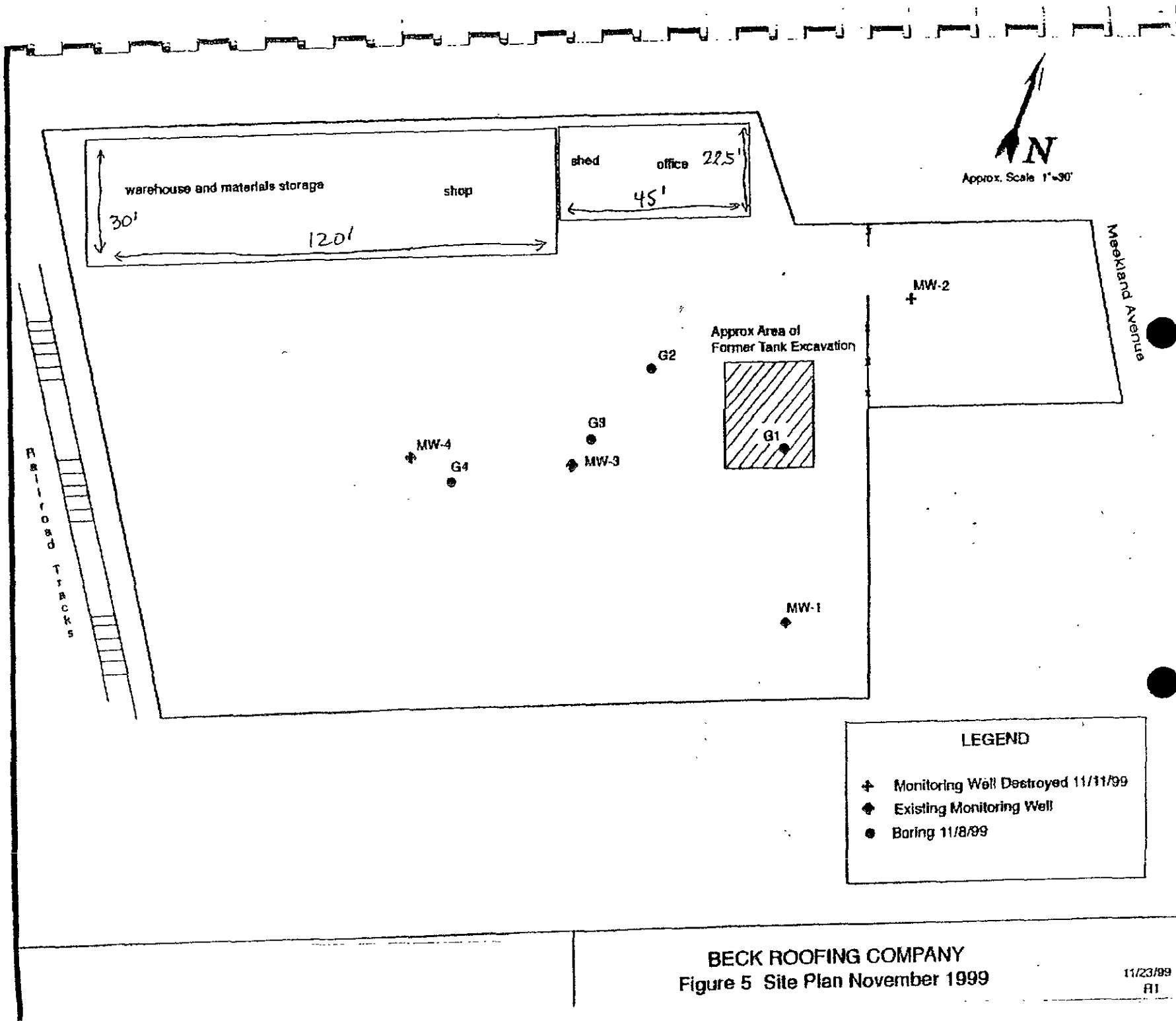
Rolf Lingens
Staff Geologist

Attachments: Figure – Site Plan

Attachment A - Well Destruction Permit

Attachment B – Department of Water Resources Well Completion Report

cc: Mr. Charlie Beck; Beck Roofing Company; PO Box 234; Hayward, California 94543
Mr. Michael Brown; Brown and Sullivan, LLP; 1051 Pacific Marina, Suite 101; Alameda, California 94501



TOTAL P. 03

BECK ROOFING COMPANY
Figure 5 Site Plan November 1999

11/23/99
R1

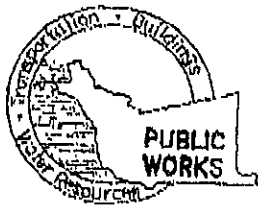
ATTACHMENT A

WELL DESTRUCTION PERMIT

FROM: IRRM, Inc.

FAX NO. : 8314758249

Dec. 03 2002 05:41PM P1



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION
309 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: 21127 Maccland Ave
Hayward

PERMIT NUMBER W02-1184
WELL NUMBER _____
APN _____

CLIENT
Name Beck Roofing Company
Address P.O. Box 277 Phone _____
City Hayward Zip 94591

PERMIT CONDITIONS
Circled Permit Requirements Apply

APPLICANT
Name IRRM Inc. Fax 8314758249
Address 912 Tortola Ave #5 Phone 9714758141
City Santa Cruz Zip 95062

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted original Department of Water Resources-Well Completion Report.
3. Permit is void if project not begun within 90 days of approval date.

TYPE OF PROJECT

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

Well MW-3

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 Exploration Geoservices

DRILLER'S LICENSE NO. 494288

WELL PROJECTS

Drill Hole Diameter	_____ in.	Maximum	
Casing Diameter	<u>2</u> in.	Depth	<u>40</u> ft.
Surface Seal Depth	_____ ft.	Owner's Well Number	<u>MW-3</u>

GEOTECHNICAL PROJECTS

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

STARTING DATE 12/12/02

COMPLETION DATE 12/20/02

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

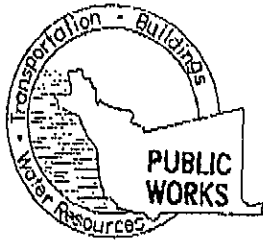
APPLICANT'S SIGNATURE Rolf Langeur DATE 12/7/02

PLEASE PRINT NAME Rolf Langeur Rev. 9-18-02

APPROVED _____ DATE 12-4-02

- F. WELL DESTRUCTION - PG #1 Attached
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.



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. W02-1184

WATER RESOURCES SECTION GROUNDWATER PROTECTION ORDINANCE Destruction of Monitoring 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.
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.
5. 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.
6. 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.

ATTACHMENT B

WELL COMPLETION REPORT

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED