BECK ROOFING COMPANY INC.

POST OFFICE BOX 234 • HAYWARD, CALIFORNIA 94543 • (415) 581-6750 • CA LIC. NO. 263060

February 28, 1994

Juliet Shin
Hazardous Materials Specialist
Alameda County Health Services
80 Swan Way Room 200
Oakland, Ca. 94621

Dear Ms. Shin:

I have just received the report for the water sampling for wells #2 and #3 which were monitored on 1/31/94. Enclosed please find a copy of the results of these tests.

If you have any questions, please give me a call.

Sincerely,

Mary L Beck

Mary L. Beck

MLB

Encls

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HAZMAT
94 MAR 10 PM 12:40

Gen-Tech Environmental

1936 Camden Ave., Suite 1
San Jose, CA 95124
Contractor's Lic. #615869

Tel. (408) 559-1220 • Fax (408) 559-1228 • 1-800-499-1220

February 28, 1994
Project No. 93110

Beck Roofing Company
21123 Meekland Avenue
Hayward, CA 94545

Attention: Ms. Mary Beck

Re: **Quarterly Monitoring Well Sampling Report**
1st Quarter, 1994 for 21123 Meekland Ave., Hayward, CA

Dear Ms. Beck,

This report discusses the sampling of monitoring wells at the above referenced site for the first quarter, 1994.

INTRODUCTION

This report covers groundwater monitoring at Beck Roofing Company, 21123 Meekland Avenue in Hayward, California **(see Figure 1)**. Gen-Tech Environmental, Inc. **(GTE)** was retained to perform this initial sampling of the site monitoring wells. Three monitoring wells currently exist on-site.

FIELD AND LABORATORY METHODS

This site is currently occupied by Beck Roofing. The following table briefly describes the montioring wells current status **(see Table 1)** below;

Table 1. Monitoring Wells Sampling

Well No.	Date Sampled	Well Depth (ft)	Depth to Water (ft)	Water Elev. (MSL ft)	Casing Damage	Floating Product
MW-1	-----	-----	-----	-----	Covered	---
MW-2	1/31/94	37.00	29.36	-----	None	None
MW-3	1/31/94	34.65	29.12	-----	None	None

DRAFT

The sampler purged well volumes (a calculation for the number of volumes was done for each well following sounding measurements) of groundwater from the well using the disposable bailer. The well was then allowed to re-charge. Between each well volume purge, conductivity, pH, and water temperature readings were obtained and noted on the **Groundwater Sampling Information Sheet** (see **Appendix B**). Once the stabilization of the readings were noted the sample was collected from the well. Purge water was stored on-site in drums. The well sampling information sheet containing data on temperature, conductivity, pH, depth to water, and well volumes purged can be found in **Appendix B**. The chain-of-custody and a the Laboratory Analysis Results can be found in **Appendix C**.

Once the well recovers to about 80% of the initial water level measurement, a new disposable bailer was used to obtain the groundwater sample which was placed into the appropriate, laboratory prepared sample containers leaving no headspace, and immediately placed on ice for shipment to Chromalab in San Ramon, California **(a State Certified Testing Lab)** under proper chain-of-custody documentation.

GROUNDWATER CONTOUR MAP AND GRADIENT

Groundwater contour map was not prepared since only two monitoring wells could be sampled. The regional groundwater flow direction is westerly-southwesterly.

LABORATORY FINDINGS

Two groundwater samples were analyzed using EPA Methods 5030, 8015, 602 and 8020 for Total Petroleum Hydrocarbons as Gasoline **(TPHG)**, Benzene, Toluene, Ethylbenzene and Xylene **(BTEX)**. The analytical results of the groundwater samples revealed the following **(see Table 2)**;

Table 2. Groundwater Data

Well No.	Date Sampled	TPHG	Benzene	Toluene	Ethylben	Xylene
		----------	----------	ug/l	----------	----------
MW-1	not sampled					
MW-2	1/31/94	ND	ND	ND	ND	ND
MW-3	1/31/94	9,300	600	ND	210	300
BLANK		ND	ND	ND	ND	ND

ND - None detected
ug/l - micrograms per liter
The laboratory analytical reports are presented in **Appendix C**.

APPENDIX A

GROUNDWATER SAMPLING INFORMATION SHEETS

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DISCUSSION

Only two wells were sampled since MW-1 was buried. Monitoring well MW-2 showed that the contaminants were not detected. Well MW-3 showed 9,300 ppb TPHG and 600 ppb Benzene. Since one well was covered, a groundwater contour map and gradient could not be prepared. The site gradient is assumed to be toward the west, or west-southwest.

MONITORING SCHEDULE

The continuation of the quarterly groundwater monitoring program is recommended for this site.

LIMITATIONS

This quarterly sampling and report was performed using recommended current guidance documents of the State and local agencies. The statements, conclusions, and recommendations are based on present site conditions. Conditional changes may occur through time by natural or manmade processes on this or adjacent properties. Future review and interpretations should consider regulatory changes that any have been enacted subsequent to preparation of this report. Gen Tech Environmental, Inc. is not responsible for laboratory errors, and no warranty or guarantee is implied therein.

If you have any questions, please call.

Sincerely,
Gen-Tech Environmental, Inc.

Christopher M. Palmer, C. E. G. 1262

Figure 1. Monitoring Well Map

Appendices: A. Gen-Tech Groundwater Sampling Information Sheets
B. Chemical Analytical Date and Chain-of-Custody Forms

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APPENDIX B

CHEMICAL ANALYTICAL DATA AND CHAIN-OF-CUSTODY FORMS

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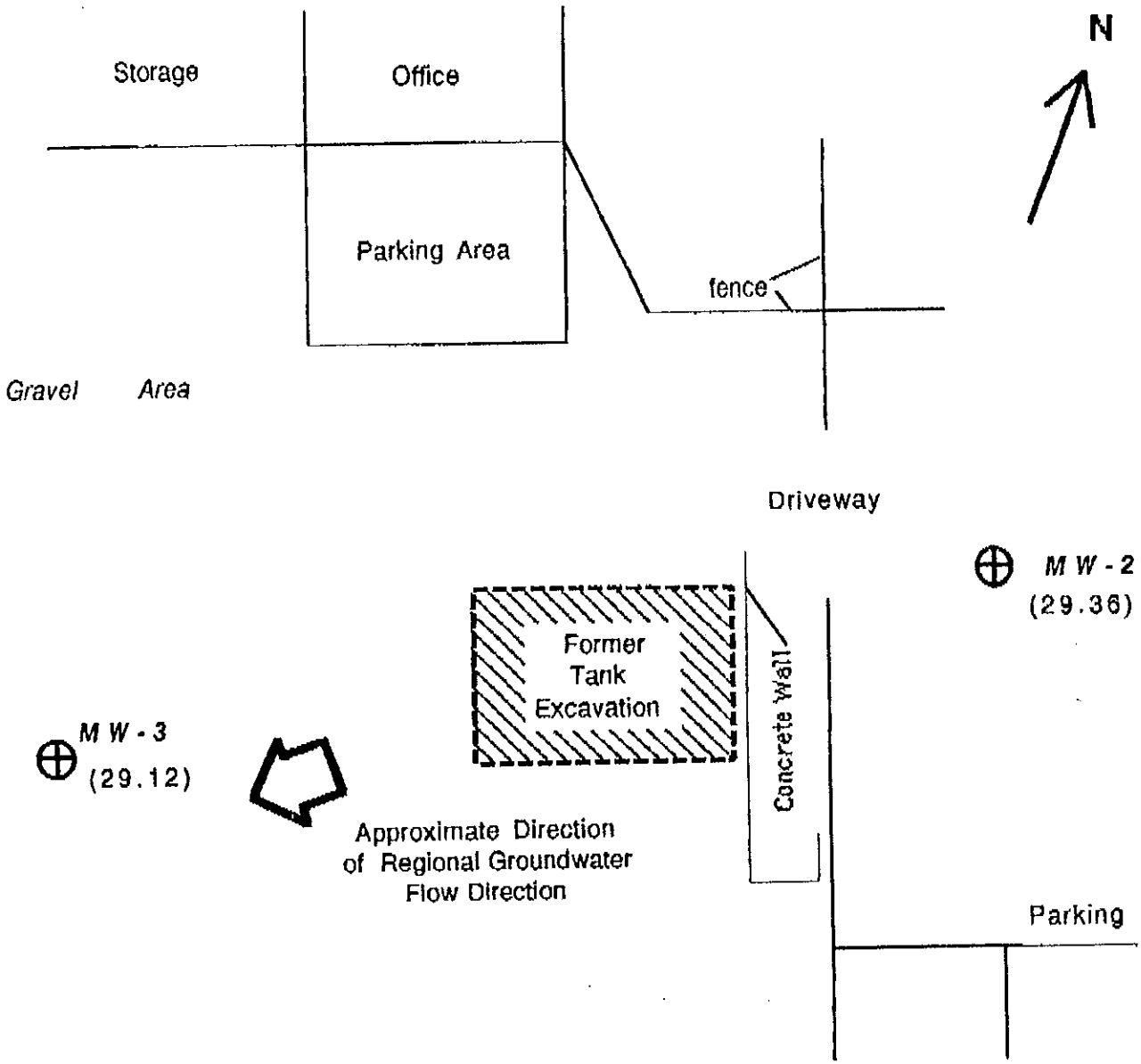

Base Map: Louis A Richardson
Consulting Engineering Geologist
Mountain View, CA, 05/91

⊕ Monitoring Well Location
(29.10) Depth to Groundwater,
Jan., 31, 1994

Monitoring Well Map
21123 Meekland Ave.
Hayward, CA

Project No. 93110
Scale: 1' = 20'
Date: Feb., 1994
Figure 1

Gen Tech Environmental, Inc.
San Jose, CA

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