



Chevron U.S.A. Products Company

2410 Camino Ramon, San Ramon, California • Phone (510) 842-9500
Mail Address: P.O. Box 5004, San Ramon, CA 94583-0804

98 FEB 12 11 14 AM

February 12, 1993

Ms. Juliet Shin
Alameda County Health Care Services
Department of Environmental Health
80 Swan Way, Room 200
Oakland, CA 94621

**Re: Former Chevron Service Station #9-1153
3126 Fernside Boulevard, Alameda, CA**

Dear Ms. Shin:

Enclosed is the work plan for Offsite Ground Water Sampling dated February 3, 1993, prepared by our consultant Weiss Associates for the above referenced site. Ground water samples will be collected at three offsite locations to evaluate ground water quality down and cross gradient of the existing ground water extraction trench. Details of this procedure are outlined in the attached work plan.

Chevron is ready to proceed with this work immediately following your review and formal concurrence. Following completion of field activities, a report documenting results of the investigation will be forwarded for your review.

If you have any questions or comments, please do not hesitate to contact me at (510) 842-8134.

Very truly yours,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Mr. Eddy So, RWQCB-Bay Area
Ms. B.C. Owen
File (9-1153 QM1)

Mr. Larry Bolten
State Farm Insurance
2509 Santa Clara Avenue
Alameda, CA 94501





Weiss Associates

5500 Shellmound Street, Emeryville, CA 94608-2411

Environmental and Geologic Services

Fax: 510-547-5043 Phone: 510-547-5420

5 '93 J.M.M.

February 3, 1993

Mark Miller
Chevron U.S.A. Products Company
P.O. Box 5004
San Ramon, CA 94583-0804

Re: Offsite Ground Water Sampling
Chevron SS# 9-1153
3126 Fernside Drive
Alameda, California
WA Job # 4-630-50

Dear Mr. Miller:

This letter outlines Weiss Associates' (WA) work plan for offsite ground water sample collection at the above-referenced site. The objective of this work is to further define the distribution of dissolved hydrocarbons in ground water down gradient and cross gradient of the existing extraction trench located at the west end of the site.

To collect ground water samples, we will drill 2-in. diameter boreholes to a depth between 6 and 8 ft below grade, extending 2 to 3 ft below the water table. Proposed borehole locations are attached as Figure 1. We will purge about 1 to 2 gallons of ground water (equivalent to 3 borehole volumes) from each borehole and then collect a ground water sample with a clean disposable polyethylene bailer. Samples will be analyzed by a California-certified laboratory for total petroleum hydrocarbons as gasoline and benzene, ethylbenzene, toluene and xylenes by EPA Methods 8015 modified and 8020, respectively. After collecting the ground water samples, we will backfill the boreholes with neat cement.

WA will submit a letter report describing the sampling procedures and presenting the analytic results.

Mark Miller
February 3, 1993

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Weiss Associates



After your review, please forward this work plan to the Alameda County Health Care Services Department of Environmental Health (ACHCS) to the attention of Juliet Shin for approval. Upon receiving ACHCS approval, WA will apply for the required well permit from Alameda County Flood Control District Zone 7 and an excavation permit from the City of Alameda Department of Public Works.

WA appreciates the opportunity to provide investigation and remediation services to Chevron. Please feel free to call if you have any questions.

Sincerely,
Weiss Associates

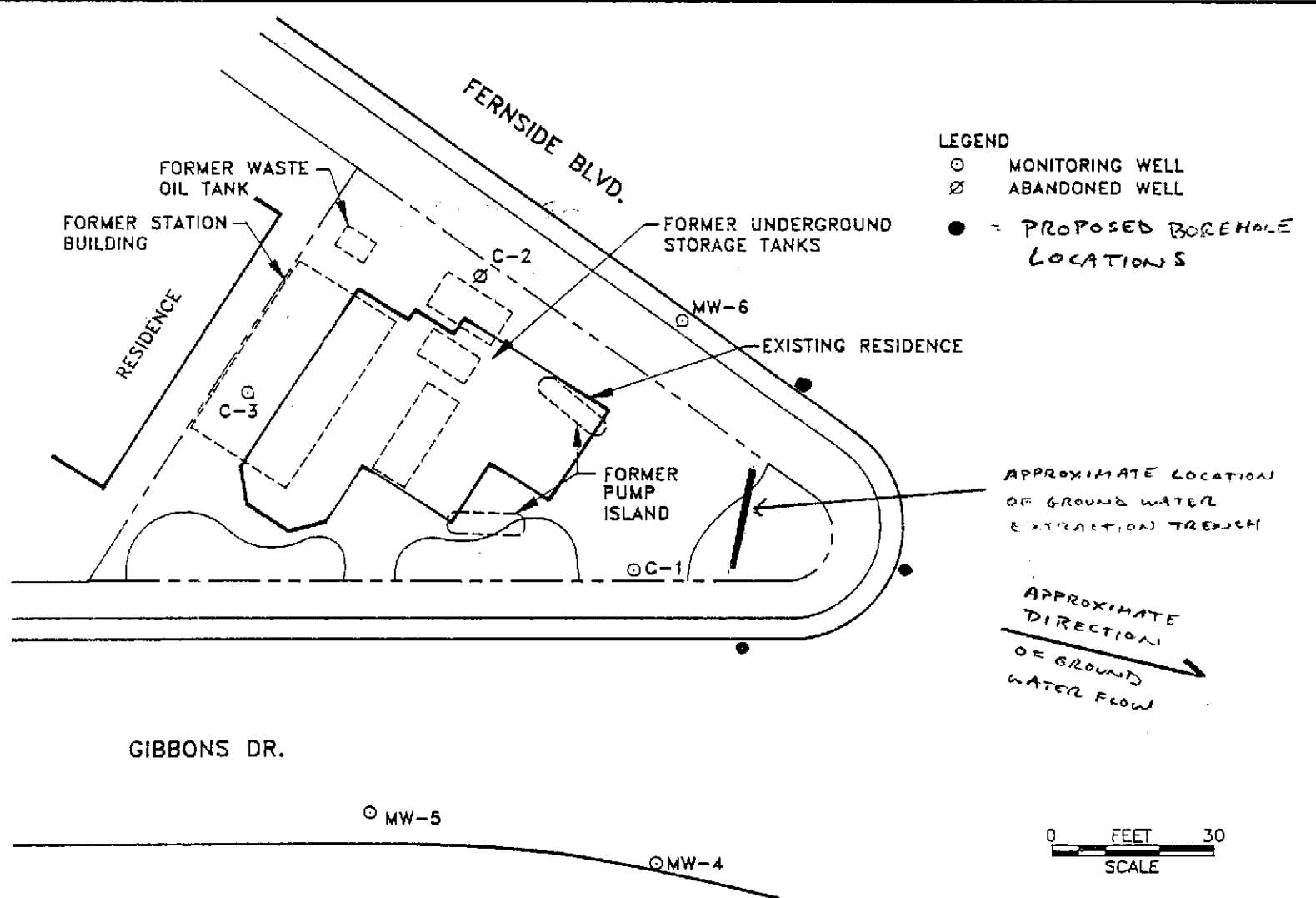
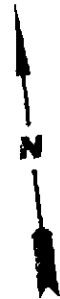
A handwritten signature in cursive script that reads "Thomas R. Berry".

Thomas R. Berry
Project Geologist

TRB:trb

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Enclosure: Figure 1 - Proposed Borehole Locations



LEGEND

- MONITORING WELL
- ∅ ABANDONED WELL
- = PROPOSED BOREHOLE LOCATIONS

PROPOSED BOREHOLE LOCATIONS				SITE PLAN			
CLIENT: CHEVRON U.S.A. PRODUCTS CO. SERVICE STATION No. 9-1153			LOCATION: 3126 FERNside BLVD. ALAMEDA, CALIFORNIA		REV. NO.: 1	DATE:	
PM GAM	PE/RG DKK	DESIGNED GM	DETAILED ML	ACAD FILE: SP692	PROJECT NO.: 020202747	FIGURE: 1	