Chevron

Chevron

July 13, 1993

Chevron U.S.A. Products Company
2410 Camino Ramon
San Ramon, CA 94583

Marketing Department
Phone 510 842 9500

3629

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

Re: Chevron Service Station #9-0121
3026 Lakeshore Avenue, Oakland, CA

Dear Ms. Eberle:

Enclosed is the scope of work and implementation schedule for preparation of a remediation feasibility study (RFS) dated July 11, 1993, prepared by our consultant Pacific Environmental Group for the above referenced site. The RFS will be prepared to provide an evaluation of appropriate remedial alternatives. Following the RFS, the most cost effective alternative will be selected for implementation.

The draft RFS will be submitted to your office within 60 days, or by September 10, 1993, as indicated in the proposed implementation schedule.

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

Sincerely,
CHEVRON U.S.A. PRODUCTS COMPANY

Mark A. Miller
Site Assessment and Remediation Engineer

Enclosure

cc: Mr. Rich Hiett, RWQCB - Bay Area
Mr. S.A. Willer
File (9-0121 RFS1)

PACIFIC
ENVIRONMENTAL
GROUP INC.

July 11, 1993
Project 320-ADMN

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

Re: Chevron Service Station 9-0121
3026 Lakeshore Avenue
Oakland, California

Dear Mr. Miller:

This letter provides a scope of work and implementation schedule for preparation of a remediation feasibility study (RFS) and remedial action work plan for the site referenced above.

SCOPE OF WORK

Remediation Feasibility Study

The purpose of preparing the RFS is to provide the Regional Water Quality Control Board and Alameda County Environmental Health Department with information identifying an applicable cost effective remedial strategy for the referenced site. An outline presenting primary components of the RFS has been included as Attachment A.

The scope of work required to prepare the feasibility study includes:

- Reduction and analysis of all data resulting from investigation and remedial activities completed to date.
- Research into regulatory and technological issues relevant to site remediation.
- Development of remedial alternatives, projection of alternative life cycles, and estimation of alternative life cycle cost.

2025 Gateway Place, Suite 440, San Jose, California 95110 (408) 441-7500 FAX (408) 441-7539
620 Contra Costa Blvd., Suite 209, Pleasant Hill, California 94523 (510) 825-0855 FAX (510) 825-0882

- o Preparation of a draft RFS, client consultation, and finalization of the document.
- o Submittal of the final RFS to Chevron and others as instructed.

Remedial Action Work Plan

Based on the results of the RFS, a remedial action work plan will be prepared. The work plan will focus on the tasks required to implement the remedial method selected in the RFS.

IMPLEMENTATION SCHEDULE

The implementation schedule for the above scope of work is as follows:

Task 1 - Remediation Feasibility Study	Days
o Completion of draft RFS and submit to regulatory agencies	60
o Acceptance of RFS as final by agency	30
Task 2 - Remedial Action Work Plan	
o Completion of draft remedial action work plan (final version dependent upon extent of agency and client comment	30

If you have any questions regarding this letter, please call.

Sincerely,

Pacific Environmental Group, Inc.

Charles York
Senior Staff Engineer

Steve Krcik
Senior Geologist

Attachments: Attachment A - Remediation Feasibility Study Outline

320ADMN/LAKESHOR

ATTACHMENT A
REMEDIATION FEASIBILITY STUDY OUTLINE

The intent of preparing a remediation feasibility study (RFS) is to provide the Regional Water Quality Control Board (RWQCB) with information identifying an applicable, cost effective, cleanup method. According to State Water Control Board Resolution 92-49, it is the responsibility of the discharger to propose a remediation strategy and obtain RWQCB concurrence. Specifically, Policy III.c. of Resolution 92-49 requires the discharger to consider effectiveness, feasibility, and relative costs of applicable alternative methods for cleanup. As part of Chevron's proactive remediation strategy, a RFS will be prepared.

The RFS outline provided below was prepared to allow RWQCB input before a more extensive effort is made to complete the feasibility study process. This approach is consistent with the phased cleanup approach required under Resolution 92-49, Policy II.A.1.

REMEDIATION FEASIBILITY STUDY OUTLINE

1. Executive Summary

2. Introduction

3. Background Brief

A. Investigation Summary

- Purpose: provide applicable data to formulate a basis for remedial alternative development.
- Elements: facility description, geology/hydrogeology, groundwater chemistry, soil chemistry, and applicable regulatory information.

B. Remediation Summary

- Purpose: provide applicable data used to formulate remedial alternatives.
- Elements: Data reduction and remediation evaluation.

4. Beneficial Uses of Water

A. RWQCB Resolutions 88-63 and 68-16

B. SFRWQCB Basin Plan

C. Specific Groundwater Quality Studies

- Purpose: identify regulatory policy associated with remediation.
- Elements: applicable regulatory policy elements, general local water quality, and beneficial uses of water.

5. Remediation

A. Conceptual Site Model

- Purpose: tie all relevant site data together into a single site model that represents current conditions, both physical and regulatory.
- Elements: site operations, primary source review, secondary source review, off-site sources, site geology/hydrogeology, potential transport mechanisms, site condition relative to public health and environmental protection concerns, and interim remediation.

B. Remedial Objectives

- Purpose: identify media specific remediation objectives.
- Elements: numerical cleanup objectives, areas/volume of media to be addressed.

C. Technology Identification and Screening

- Purpose: identify technologies appropriate for achieving remedial objectives.
- Elements: response actions to achieve remedial objectives, technologies listed in Resolution 92-49, technology screening process, and results.

D. Recommended Strategy

- Purpose: through alternative evaluation process, objectively recommend best remediation strategy.
- Elements: present alternatives to be compared, alternative evaluation and recommended strategy.

6. Implementation Process

- Purpose: identify general aspects of recommended strategy implementation.
- Elements: general implementation tasks (i.e., remedial action work plan and field tests) and preliminary implementation timeline.