

August 21, 1991

*BRUCE
FYI*



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87301

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722-3833

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Lassie*

Mr. Rich Mayer
U.S. Environmental Protection Agency
Region VI
1445 Ross Avenue Suite 1200
Dallas, Texas 75202-2733

RE: Phase I RFI Supplemental Report
Giant Refining Company
NMD000333211

RECEIVED

AUG 29 1991

NM ENVIRONMENT DEPARTMENT
OFFICE OF THE SECRETARY

Dear Mr. Mayer:

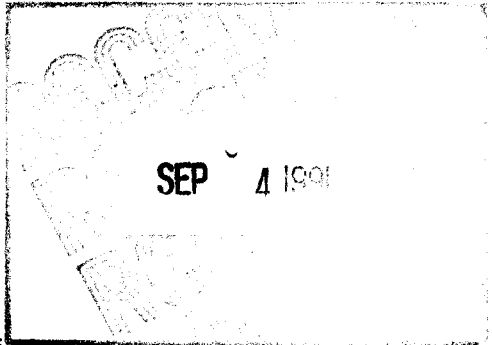
The attached document includes the supplemental sampling data outlined in the Phase I RFI Final Report submitted on April 8, 1991 and the additional requirements outlined in your July 9, 1991 approval letter. Sections 1 through 7 includes data associated with the additional sampling requirements. Section 8 contains Giant's conclusions and recommendations, including Final Remedy Plans (FRP's) for SWMU #8 - Railroad Rack Lagoon and SWMU #10 - Two Sludge Pits. Amendments to the RFI Work Plans are also included to cover the work required by the FRP's.

If you have any questions, contact my office at (505) 722-0217.

Sincerely,

Claud Rosendale

Claud Rosendale
Environmental Manager
Ciniza Refinery



cc w/enclosure - David Boyer - Director
New Mexico Oil Conservation Division

Richard Mitzelfelt - Director
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Linda Carleson - Head Librarian
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File
Giant Refining

RCRA FACILITY INVESTIGATION
PHASE I - SUPPLEMENTAL
GIANT REFINING COMPANY
GALLUP, NEW MEXICO
AUGUST 21, 1991

PHASE I SUPPLEMENTAL RFI

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SECTION 1.0
INTRODUCTION

INTRODUCTION

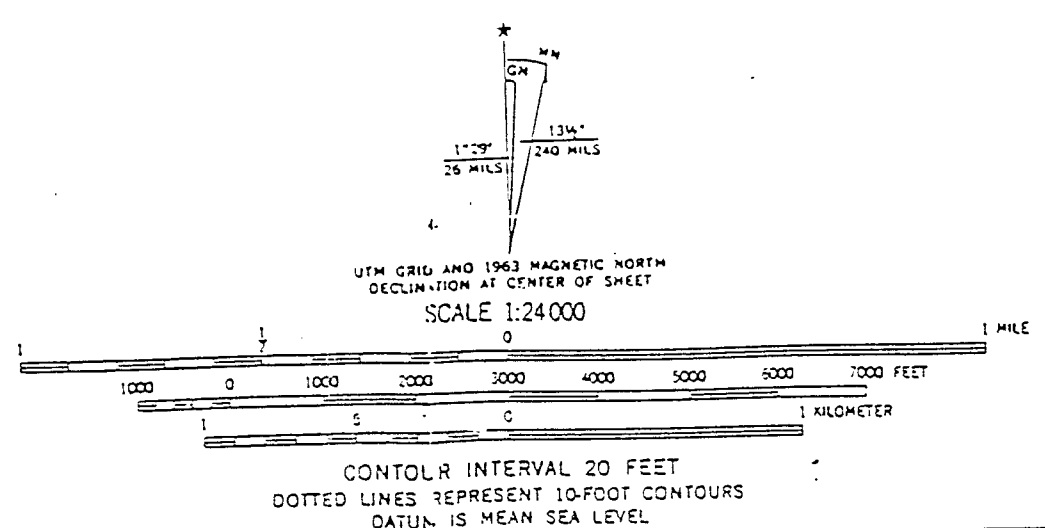
PHASE I SUPPLEMENTAL

This document outlines the specific activities that have been conducted for the Phase I Supplemental requirements for Giant Refining Company. All sampling, analytical and statistical calculations have been completed with the results incorporated in this report.

After review of the initial Phase I sampling data, it was determined that additional sampling would be conducted for SWMU's #6, #8, and #10. All samples were collected by using a backhoe to dig to the start of each sample interval. The hand auger was then used for the sample collection of each six (6) inch interval. All equipment was decontaminated between samples as required by the generic sampling plan. Thirteen additional samples were collected from SWMU #6 to various depths. Nine (9) samples were collected to a depth of eleven (11) to eleven and one half ($11\frac{1}{2}$) feet on May 6 and 7, 1991. After review of this data, three (3) additional samples were collected around Tank #569 on June 18, 1991. Samples were collected at eleven (11), fifteen (15), and sixteen (16) feet respectively for the three (3) borings. Two additional samples were collected from SWMU #8 on May 6 to a depth of seven (7) to seven and one half ($7\frac{1}{2}$) feet. Two additional samples were collected from SWMU #10 on May 8 and 9, 1991. Both samples were collected at the fifteen (15) foot interval. PID readings were taken at the eighteen (18) foot intervals from both borings. An additional boring was made with PID reading taken at both the fifteen (15) and eighteen (18) foot intervals.

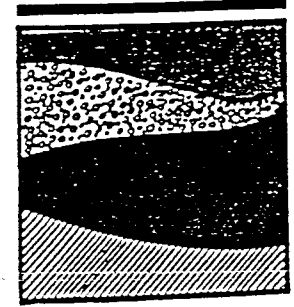
All samples were sent to Analytical Technologies, Inc. (ATI) in Mesa, Arizona for final testing. Some of the samples were farmed out to other ATI laboratories to meet required completion dates. All samples were analyzed as required by the generic sampling plan. Section 6 has the analytical data in a tabulated summary form and Section 7 includes copies of all original analytical data.

The statistical analysis and results are included in Section 5. This section outlines the methodology used in determining the background values for the metals and the actual comparisons of the background values to the sample results.



**Geoscience
Consultants, Ltd.**

**FIGURE 1-1
GENERAL LOCATION MAP, CINIZA REFINERY AREA**



CLIENT:	GIANT
DATE:	OCTOBER, 1985
DRAWN BY:	JCH
CHECKED BY:	
REVISED:	
SCALE:	1:24,000