

2R - 25

REPORTS

DATE:

JAN 5. 1998

TELEPHONE
(505) 748-3311

EASYLINK
62905278



REFINING COMPANY

501 EAST MAIN STREET • P. O. BOX 159
ARTESIA, NEW MEXICO 88211-0159

FAX
(505) 746-6410 ACCTG
(505) 746-6155 EXEC
(505) 748-9077 ENGR
(505) 746-4438 P / L

January 5, 1998

RECEIVED

JAN 07 1998

Environmental Bureau
Oil Conservation Division

Mr. Bill Olson
New Mexico Oil Conservation Division
Environmental Bureau
2040 S. Pacheco St.
Santa Fe, NM 87505-5472

RE: Closure Report Pipeline Leak Artesia Station, Eddy County, NM

Dear Bill,

Enclosed, please find the closure report for the pipeline leak at Navajo's Artesia Station. This release was in Unit B, Section 29, T18S, R28E. To refresh your memory, OCD had made the initial finding that the release was in a lake bed (Buffalo Wallow) and therefore, clean-up had to be down to a TPH level of 100 ppm. After doing a site inspection and reviewing various documents presented by Navajo, OCD agreed that there was no surface water in the vicinity and allowed the clean-up at the 5000 ppm TPH level.

The enclosed report explains the clean-up procedures that were followed and the sampling that was done to ensure that the area was remediated to OCD specifications. Final surface composite samples show that the TPH levels in the northern 1/3 of the area are at 2360 ppm; southern 1/3 are at 779 ppm; and middle 1/3 are at 2040 ppm. All well below the 5000 ppm level.

If there are any questions concerning this report, please call me at 505-748-3311 or write to me at the letter-head address. Thank you for your time in this matter.

Sincerely,
NAVAJO REFINING COMPANY

Darrell Moore
Environmental Manager for Water and Waste

Encl.

cc: Mr. Albert Reyes Navajo Pipeline

FAX

FAX NO. 505 746 4438

P. 01

Date 8-97



Number of pages including cover sheet

TO: Bill Olson

N.M. O.C.D.

FROM:

Albert Reyes

Navajo Refining Company

PO Box 159

Artesia, NM 88211-0159

Phone

Fax Phone (505) 827-8177

Phone

505-748-3311

Fax Phone

505-746-4438

CC:

If you have any problems with this transmission or do not receive all pages, please contact Lori Dade at 505-748-3311, ext. 202.

REMARKS: ☐ Urgent ☒ For your review ☐ Reply ASAP ☐ Please Comment

Mr Olson

This is the proposed Clean up work plan for the Artesia Station Spill #2. Please comment and reply ASAP. If you have any questions please call me @ (505) 748-3311 Ext 221 or (505) 365-6199

Thanks

Albert Reyes

NOTE: Unless otherwise indicated or obvious from the nature of this transmittal, the information contained in this facsimile message is privileged and confidential information intended for the use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error or are not sure whether it is privileged, please immediately notify us by telephone, and return the original message to us at the above address via the U.S. Postal Service. Thank you.

9/8/97 1:54 hrs
Verbal approval to
Albert Reyes with condition that a
final report be sent to the Office by Oct 31, 1997
Sent to Will Olson

Safety & Environmental Solutions, Inc.

September 02, 1997

Mr. Albert Reyes
Navajo Refining Company
P.O. Drawer 159
Artesia, NM 88211

Work Plan Navajo Refining Company Artesia Discharge #2

Purpose

The purpose of this work plan is to present a systemic approach to the bioremediation of the crude oil spill located at Artesia Discharge #2 in Eddy County, New Mexico. The spill was located at the NW¼ of the NE¼ of Section 29 Township 18 South Range 28 East. The Coordinates of the site are: 32° 43' 48" North Latitude by 104°11'69" West Longitude. (See location map enclosed).

Background

Crude oil was released onto the location due to external corrosion of the pipeline. Repairs were made to the gathering line, and the contaminated soil was excavated to a level below 100 ppm remaining in the excavation. (See attached third party analyticals). The spoils were piled beside the excavation, and are awaiting remediation. (See attached site map).

Action Plan

The contaminated soil will be blended with clean soil from the area and backfilled into the excavation. The blending of the contaminated soil will:

1. Aid in the aeration of the contaminated soil.
2. Reduce the TPH to a level less likely to move downward and contaminate additional soils.
3. Add indigenous microbes to the contaminated soil in order to biodegrade the crude oil in a shorter length of time.

The blending will be performed with bulldozers or graders, with a minimum of disturbance to the existing location. TPH field tests using infrared spectrophotometry will be conducted on soil samples obtained from the spoils piles as the excavation is refilled to insure all contaminated soil is blended to below regulatory limits. The blended soil will be folded back into the excavation and the appropriate documents will be filed requesting closure.

Site Safety

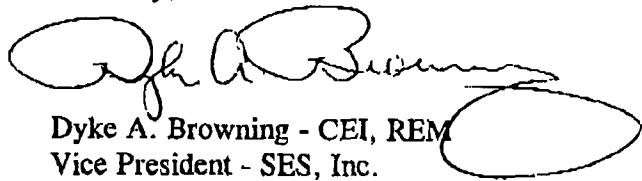
There are a number of health and safety concerns associated with the excavation of trenches at these types of sites. Compliance with the following OSHA standards will be required at all sites:

- Trenching and Shoring - 29 CFR 1926.650 - 653
- Hazwoper/Atmospheric Testing - 29 CFR 1910.120
- Respiratory Protection - 29 CFR 1910.134
- Personal Protective Equipment - 29 CFR 1910.132 - 140

This general type of plan has been verbally approved by the Bureau of Land Management and the Oil Conservation Division in Chaves and Eddy Counties.

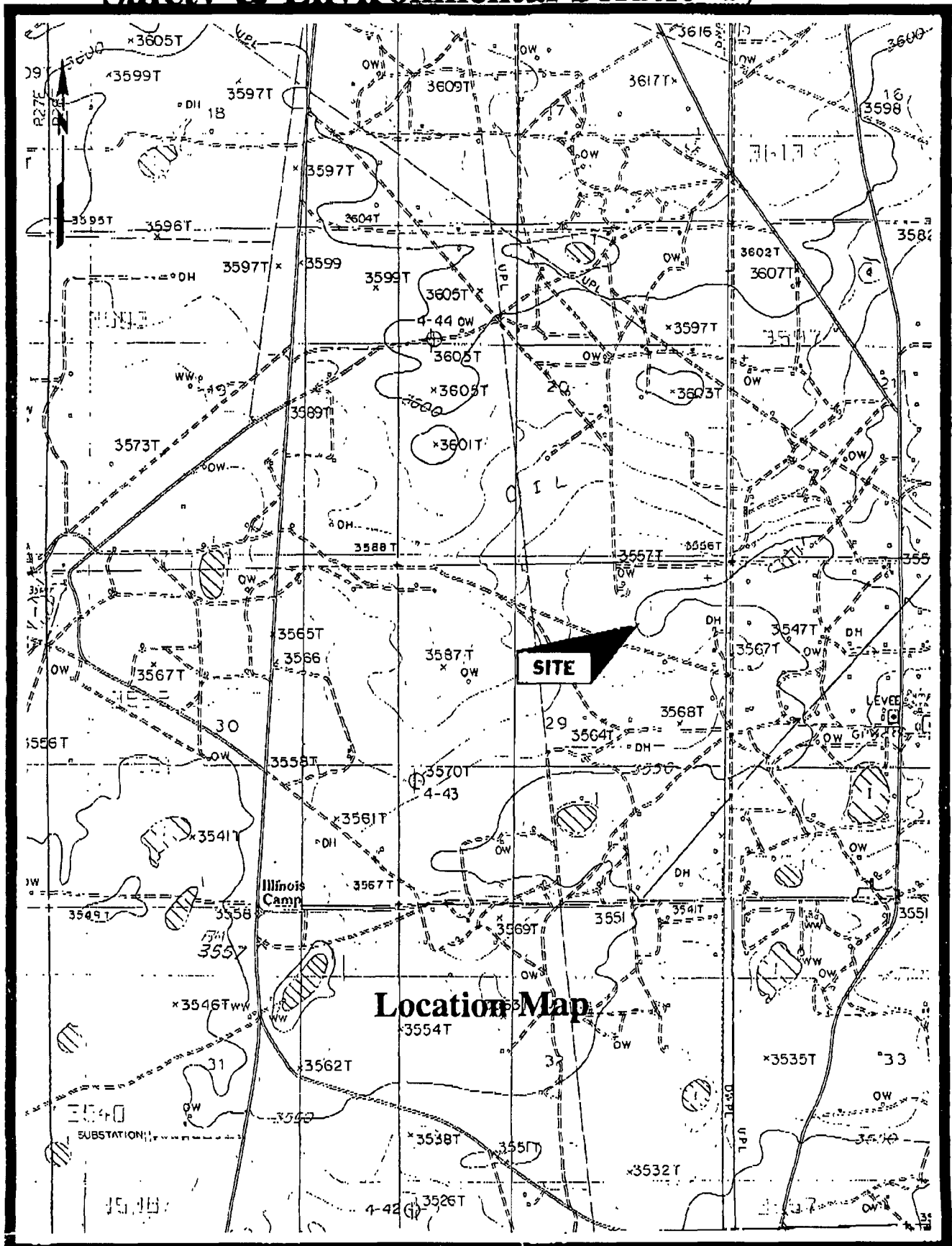
If you have any questions, or we can be of further service to you please do not hesitate to call.

Sincerely,



Dyke A. Browning - CEI, REM
Vice President - SES, Inc.

Safety & Environmental Solutions, Inc.





PHONE (915) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

**ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: DYKE BROWNING
703 E. CLINTON
HOBBS, NM 88240
FAX TO:**

Receiving Date: 04/18/97
Reporting Date: 04/28/97
Project Number: NOT GIVEN
Project Name: NAVAJO ARTESIA ST. DISCHARGE #2
Project Location: LOCO HILLS

Analysis Date: 04/28/97
Sampling Date: 04/18/97
Sample Type: SOIL
Sample Condition: COOL, INTACT
Sample Received By: BC
Analyzed By: GP

LAB NUMBER	SAMPLE ID	TPH (ppm)
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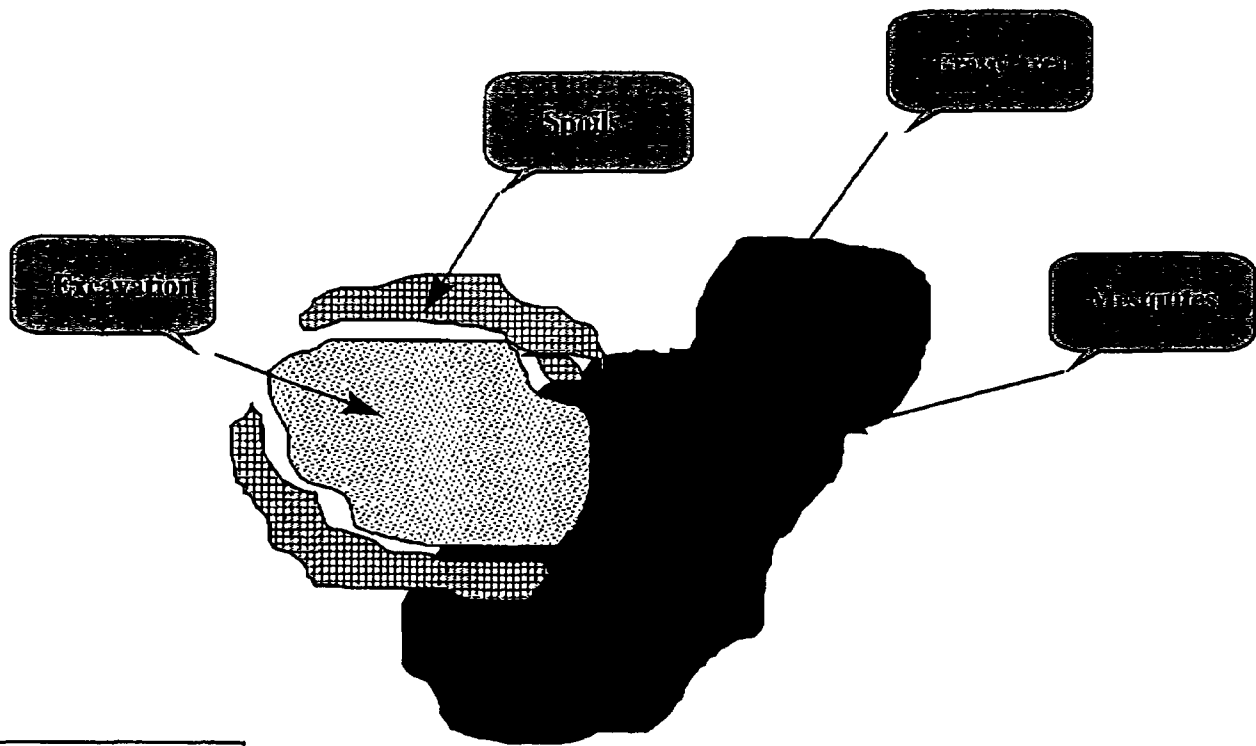
H2925-1	BOTTOM FINAL COMP.	<10
H2925-2	WALL COMPOSITE	<10
Quality Control		216.6
True Value QC		203.0
% Recovery		107
Relative Percent Difference		6.48

METHOD: EPA 418.1, 3510, 3540, or 3550; Infrared Spectroscopy

Say G. R. Peterson
Chemist

Date 04/28/97

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. **H29225** Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above-stated reasons or otherwise.



Navajo Refining Company
Figure 1

Site Map
Artesia Station #2

Safety & Environmental Solutions, Inc.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

August 11, 1997

CERTIFIED MAIL
RETURN RECEIPT NO. P-410-431-204

Mr. Darrell Moore
Navajo Refining Company
P.O. Box 159
Artesia, New Mexico 88211-0159

**RE: SPILL REMEDIATION
NAVAJO ARTESIA STATION #2**

Dear Mr. Moore:

The New Mexico Oil Conservation Division (OCD) has reviewed Navajo Refining Company's July 8, 1997 correspondence. This document contains Navajo's assessment of the site risks and the proposed cleanup levels for a spill of crude oil near the Artesia Crude Station #2 located in Section 29, T18S, R28E, Eddy County, New Mexico.

The above referenced assessment is approved with the following conditions:

1. Navajo will submit the proposed work plan to the OCD by September 8, 1997.

If you have any questions, please contact me at (505) 827-7154.

Sincerely,

A handwritten signature in dark ink, appearing to read "Will Olson".

William C. Olson
Hydrologist
Environmental Bureau

xc: OCD Artesia District Office