

CORRESPONDENCE

MISC.

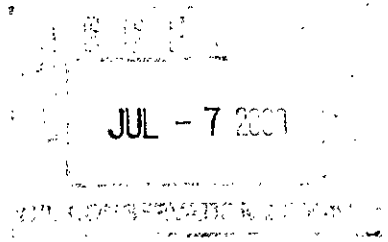
AMERADA HESS CORPORATION

SAMUEL W. SMALL, PE
OFFICE 915/758-6741
FAX 915/758-6768

P.O. BOX 840
SEMINOLE, TEXAS 79360
915/758-6700

July 5, 2000

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED
Z 437 801 993**



Mr. William C. Olson
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

RE: **Site Remediation**
Oxy State E Battery Site
Sec. 30, T-19S, R-37E
Lea County, New Mexico

Dear Mr. Olson

This letter will serve as confirmation of my voice mail message of July 3, 2000. While sampling monitor wells at the subject site, free product was discovered on one well (#5) and the bailer was observed to be stained with hydrocarbon on another well (#2). Previous sampling in 1999 and in 2000 did not detect any indication of the existence of free hydrocarbon contamination in either well. Contaminated material had been excavated from the site and no indication of the ground water being contaminated with hydrocarbons was observed. AHC will review the area surrounding the site for possible external sources and then submit a work plan.

If you have any questions or need additional information, please contact the undersigned at (915) 758-6741 or at the letterhead address.

Sincerely,

A handwritten signature in cursive script that reads 'Samuel Small'.

Samuel Small, PE
Environmental Coordinator

xc: NMOCD Hobbs District Office w/attachments
Oxy USA, Midland w/attachments
Houston Environmental file w/attachments
Monument Area File w/attachments
Seminole District Environmental File w/attachments



• #4

• #3

Excavation
for clean
caliche

Excavate
Battery Site

• #2
↓

Excavated
Pit

• #5
↑

Oxy State E.

• #1

Not to Scale.

7/5/00



ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL
ATTN: J.F. DEAN
P.O. BOX 805
HOBBS, NM 88240
FAX TO:

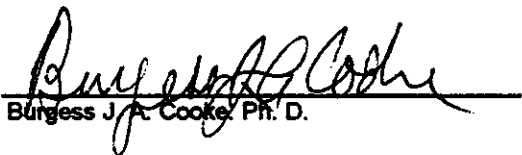
Receiving Date: 09/27/99
Reporting Date: 09/29/99
Project Owner: AMERADA HESS
Project Name: NOT GIVEN
Project Location: OXY E-GRAHAM NCT-B

Sampling Date: 09/27/99
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	TDS (mg/L)	CI (mg/L)	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
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ANALYSIS DATE:	09/29/99	09/28/99	09/27/99	09/27/99	09/27/99	09/27/99
H4365-1 E 1	565	109	<0.002	<0.002	<0.002	<0.006
H4365-2 E 2	476	122	0.018	<0.002	<0.002	<0.006
H4365-3 E 3	1368	470	<0.002	<0.002	<0.002	<0.006
H4365-4 E 4	1316	576	<0.002	<0.002	<0.002	<0.006
H4365-5 E 5	1048	284	<0.002	<0.002	<0.002	0.007
H4365-6 C 1	1634	466	<0.002	<0.002	<0.002	<0.006
H4365-7 C 2	2355	679	<0.002	<0.002	<0.002	<0.006
H4365-8 C 3	1642	527	0.019	<0.002	<0.002	<0.006
H4365-9 C 4	2933	801	<0.002	<0.002	<0.002	<0.006
Quality Control	NR	983	0.087	0.095	0.095	0.290
True Value QC	NR	1000	0.100	0.100	0.100	0.300
% Recovery	NR	98.3	86.6	95.2	95.1	96.6
Relative Percent Difference	NR	1.0	6.3	5.4	4.7	4.8

METHODS: TRPHC-EPA 600/4-79-020 418.1; CI-Std. Methods 4500-CI^B; BTEX-EPA SW-846 8260


Burgess J. A. Cooke, Ph. D.

9/29/99
Date

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 analyses. All claims shall be 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. In no event shall 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.

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: JOE F. DEAN
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 02/03/00
Reporting Date: 02/05/00
Project Owner: AMERADA HESS
Project Name: NOT GIVEN
Project Location: OXY-E

Sampling Date: 02/03/00
Sample Type: GROUNDWATER
Sample Condition: COOL & INTACT
Sample Received By: AH
Analyzed By: BC

LAB NO.	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
ANALYSIS DATE		02/04/00	02/04/00	02/04/00	02/04/00
H4626-1	OXY-E 1	<0.002	<0.002	<0.002	<0.006
H4626-2	OXY-E 2	0.009	<0.002	<0.002	<0.006
H4626-3	OXY-E 3	0.008	<0.002	<0.002	<0.006
H4626-4	OXY-E 4	<0.002	<0.002	<0.002	<0.006
H4626-5	OXY-E 5	0.012	<0.002	<0.002	0.009
Quality Control		0.090	0.101	0.101	0.300
True Value QC		0.100	0.100	0.100	0.300
% Recovery		90.2	101	101	100
Relative Percent Difference		7.3	3.6	1.7	6.2

METHOD: EPA SW 846-8021B, 5030, 5021 Gas Chromatography


Chemist2/5/00
Date

H4626B.XLS

MEMORANDUM OF MEETING OR CONVERSATION

☒ Telephone ☐ Personal

Time 1/23

Date 7/3/00

Originating Party

Other Parties

Sam Small - Amerada Hess

Bill Olson - OED

Subject

Oxy State "E" Tank Battery

Discussion

During recent monitor well sampling, discovered
approx 1 1/4" free product on ground water

Conclusions or Agreements

He will file written notification

Distribution

File
OED Hobbs

Signed

Bill Olson



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

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

October 5, 1998

CERTIFIED MAIL
RETURN RECEIPT NO. Z-274-520-560

Mr. Samuel Small
Amerada Hess Corporation
P.O. Box 840
Seminole, Texas 79360

RE: OXY STATE E BATTERY SITE

Dear Mr. Small:

The New Mexico Oil Conservation Division (OCD) has reviewed Amerada Hess Corporation's (AHC) June 8, 1998 "SITE RECLAMATION OXY STATE E BATTERY SITE, MNGSAU BATT. #40, SEC. 30, T-19S, R-37E, LEA COUNTY, NEW MEXICO". This document contains AHC's plan for remediation of contaminated soils and monitoring of ground water contamination at AHC's Oxy State E Battery site.

The OCD approves of the above referenced plan with the following conditions:

1. The OCD defers comment on the ground water monitoring plan until the OCD reviews the locations of the existing monitor wells.
2. AHC will submit a report on the remediation and monitoring activities to the OCD by December 2, 1998. The report will contain:
 - a. A description of all remediation and monitoring activities including conclusions and recommendations.
 - b. Summary tables containing all past and present laboratory analytic results of soil and water sampling including copies of the laboratory data sheets and associated QA/QC data.
 - c. A site map showing the location of the remediated areas, monitor wells and other relevant site features.
 - d. A water table elevation map for the site.
 - e. The volume and disposition of all wastes generated.

Mr. Samuel Small
October 5, 1998
Page 2

3. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Hobbs District Office.

Please be advised that OCD approval does not relieve AHC of liability if the plan fails to adequately remediate contamination related to AHC's activities. In addition, OCD approval does not relieve AHC of responsibility for compliance with any other federal, state or local laws and regulations.

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

Sincerely,



William C. Olson
Hydrologist
Environmental Bureau

xc: Chris Williams, OCD Hobbs District Supervisor

Z 274 520 560

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AMERADA HESS CORPORATION

SAMUEL W. SMALL, PE
OFFICE 915/758-6741
FAX 915/758-6768

P.O. BOX 840
SEMINOLE, TEXAS 79360
915/758-6700

June 8, 1998

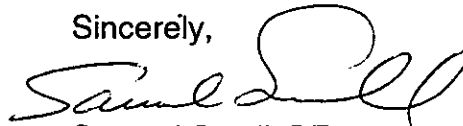
Mr. Wayne Price
New Mexico Oil Conservation Division
P.O. Box 1980
Hobbs, New Mexico 88240

RE: Site Reclamation
Oxy State E Battery Site
MNGSAU Batt. # 40
Sec. 30, T-19S, R- 37E
Lea County, NM

Amerada Hess Corporation intends to commence reclamation activities at the referenced site today. Initial activity will entail remediating the piles of previously excavated material, by dilution, to contaminant concentrations of 1000 ppm or less of TPH, 50 ppm or less of BTEX and 10 ppm or less of benzene. Excavation activities will then resume on the remaining areas of contamination. Contaminated material will be excavated until clean material (by State Guidelines) is reached or until groundwater is encountered. Approximately five (5) feet of clean caliche (< 100 ppm TPH) will be spread in the bottom of the excavation, followed by a two (2) foot cap of clay. The remaining excavation will be filled with remediated material (< 1000 ppm TPH) to grade and the site will be re-seeded with native vegetation.

Monitor wells drilled at the site in April 1997 indicated that groundwater is encountered at a depth of approximately 20-23 feet. Elevated chloride concentrations were observed in monitor wells No.3 and No.4 drilled to the south of the site. The clay cap will prevent any further contamination of the groundwater by chlorides as well as protecting it from any future hydrocarbon contamination. The monitor wells will be re-sampled quarterly for one year to insure that no further degradation of the groundwater occurs.

Sincerely,



Samuel Small, PE
Environmental Coordinator

XC: Houston Environmental File
Seminole District Environmental File
Monument File
NMOCD - Santa Fe