

# **CLOSURE REPORT**

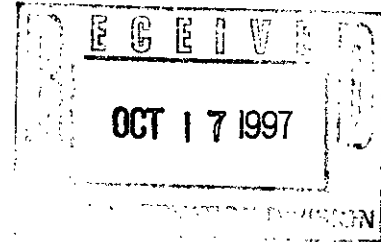
AMERADA HESS CORPORATION

SAMUEL W. SMALL, PE  
OFFICE 915/758-6741  
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P.O. BOX 840  
SEMINOLE, TEXAS 79360  
915/758-6700

October 15, 1997

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
P 421 645 909**



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

RE: **Site Reclamation**  
Final Closure Report  
Weir 'B' Tank Battery Site  
NW<sup>4</sup>, Sec. 26, T-19S, R-36E  
Lea County, New Mexico

Dear Mr. Olson

Amerada Hess Corporation (AHC) completed restoration work at the referenced location during July, 1997. Restoration was accomplished by removing material with TPH and BTEX concentrations in excess of State guidelines from the site and replacing the material with clean caliche and soil. Preliminary assessment (reported to the OCD on May 19, 1997) indicated that the groundwater beneath this location may have been contaminated; a benzene concentration of 0.012 ppm was detected in water sampled from a monitor well located on site. Groundwater was encountered at 21 feet below ground level and the contaminated material was removed to this depth. The walls and floor of the excavation were sampled and analyzed for TPH and BTEX concentrations prior to backfilling and the test results were found to be below State guideline concentrations (analyses are attached). A sample of the groundwater was obtained from the bottom of the excavation and was tested for TPH and BTEX. The test results indicate that contaminant concentrations of concern are below NMOCC (WQCC) standards (analysis attached). The excavated material was disposed of at the C&C Landfarm in Monument, NM and backfill material was obtained from Mr. Jimmy Cooper, from a location approximately two miles south of Monument, NM.

To facilitate excavation of the contaminated material it was necessary to plug the monitor well from which the 'contaminated' water sample was obtained. As all of the source material has been removed from the site and the groundwater was sampled and tested with the above stated results, AHC does not believe that replacing the monitor well for post closure testing is necessary. Additionally, AHC requests OCD approval to plug the remaining monitor well because no contamination was detected in it.

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

Sincerely,

Samuel Small, PE  
Environmental Coordinator

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



P.O. Box 1816  
Hobbs, New Mexico 88241

Phone (505) 392-5021  
Fax (505) 397-2597

## SOIL ANALYSIS REPORT

DATE: 6/19/97  
CLIENT: Amerada Hess  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: W.A. Weir "B"  
Test Method: EPA 418.1  
Order No.: Mark Vinson  
SAMPLE RECEIVED: Intact on site

	TPH		DEPTH	LOCATION
SAMPLE NO. 1:	01	PPM	22'	Southwest corner bottom
SAMPLE NO. 2:	05	PPM	21'	Northwest corner bottom
SAMPLE NO. 3:	07	PPM	21'	Northeast corner bottom
SAMPLE NO. 4:	17	PPM	20'	Southeast corner bottom
SAMPLE NO. 5:	23	PPM	22'	South middle bottom
SAMPLE NO. 6:	28	PPM	22'	North middle bottom
SAMPLE NO. 7:	14	PPM	10'	Southwest corner wall
SAMPLE NO. 8:	09	PPM	10'	Northwest corner wall
SAMPLE NO. 9:	29	PPM	8'	Northeast corner wall
SAMPLE NO. 10:	41	PPM	12'	Southeast corner wall
SAMPLE NO. 11:	09	PPM	10'	South middle wall
SAMPLE NO. 12:	17	PPM	10'	North middle wall

COMMENTS: These samples were taken on site by Western Environmental Consultants. These samples were taken in the walls and bottom of the excavation to insure that all the impacted soils had been addressed under the NMOCD guidelines for pit closure.

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## SOIL ANALYSIS REPORT

DATE: 6/20/97

CLIENT: Amerada Hess

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: W.A. Weir "B"

Test Method: EPA 418.1

Order No.: Mark Vinson

SAMPLE RECEIVED: Intact on site

	TPH		DEPTH	LOCATION
SAMPLE NO. 1:	61	PPM	0-6"	150' south of site surface
SAMPLE NO. 2:		PPM		
SAMPLE NO. 3:		PPM		
SAMPLE NO. 4:		PPM		
SAMPLE NO. 5:		PPM		
SAMPLE NO. 6:		PPM		
SAMPLE NO. 7:		PPM		
SAMPLE NO. 8:		PPM		
SAMPLE NO. 9:		PPM		
SAMPLE NO. 10:		PPM		

COMMENTS: This sample was taken and run on site by Western Environmental Consultants.  
This sample was a background sample to check the naturel level of TPH in the area.



# ARDINAL LABORATORIES

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

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

ANALYTICAL RESULTS FOR  
AMERADA HESS  
ATTN: MARK VINSON  
P.O. DRAWER "D"  
MONUMENT, NM 88265  
FAX TO:

Receiving Date: 06/19/97  
Reporting Date: 06/25/97  
Project Number: NOT GIVEN  
Project Name: W.A. WEIR  
Project Location: MONUMENT, NM

Sampling Date: 06/19/97  
Sample Type: SOIL  
Sample Condition: COOL & INTACT  
Sample Received By: GP  
Analyzed By: BC/GP

LAB NUMBER	SAMPLE ID	TPH (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
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ANALYSIS DATE:		06/19/97	06/24/97	06/24/97	06/24/97	06/24/97
H3014-1	SWC @ 22'	133	<0.020	<0.020	<0.020	<0.060
H3014-2	NWC @ 21'	79	<0.020	0.066	<0.020	0.107
H3014-3	NEC @ 21'	21	<0.020	<0.020	<0.020	<0.060
H3014-4	SEC @ 20'	97	<0.020	<0.020	<0.020	<0.060
H3014-5	SM @ 22'	23	<0.020	<0.020	<0.020	0.125
H3014-6	NM @ 22'	11	<0.020	<0.020	<0.020	<0.060
H3014-7	SWC @ 10'	<10	<0.020	<0.020	<0.020	<0.060
H3014-8	NWC @ 10'	<10	<0.020	<0.020	<0.020	<0.060
H3014-9	NEC @ 08'	<10	<0.020	<0.020	<0.020	<0.060
H3014-10	SEC @ 12'	14	<0.020	<0.020	<0.020	<0.060
H3014-11	SM @ 10'	18	<0.020	<0.020	<0.020	<0.060
H3014-12	NM @ 10'	<10	<0.020	<0.020	<0.020	<0.060
Quality Control		211	0.113	0.111	0.111	0.322
True Value QC		200	0.100	0.100	0.100	0.300
% Recovery		105	113	111	111	107
Relative Percent Difference		5.3	3.5	3.6	4.5	5.2

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020

  
Gayle A. Potter, Chemist

  
Date

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ANALYTICAL RESULTS FOR  
AMERADA HESS  
ATTN: MARK VINSON  
P.O. DRAWER "D"  
MONUMENT, NM 88265  
FAX TO:

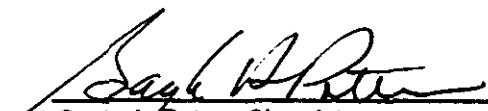
Receiving Date: 06/19/97  
Reporting Date: 06/23/97  
Project Number: NOT GIVEN  
Project Name: W.A. WEIR  
Project Location: MONUMENT, NM

Sampling Date: 06/19/97  
Sample Type: WATER  
Sample Condition: COOL & INTACT  
Sample Received By: GP  
Analyzed By: BC/GP

LAB NUMBER	SAMPLE ID	TPH (mg/L)	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
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ANALYSIS DATE:	06/19/97	06/20/97	06/20/97	06/20/97	06/20/97
H3014-13 STANDING WATER, BOTTOM OF PIT	<10	<0.010	<0.010	0.033	0.080
Quality Control	211	0.098	0.110	0.107	0.329
True Value QC	200	0.100	0.100	0.100	0.300
% Recovery	105	98.4	110	107	110
Relative Percent Difference	5.3	13.4	6.4	5.6	1.2

METHODS: TRPHC - EPA 600/7-79-020, 418.1; BTEX - EPA SW-846-8020

  
Gayle A. Potter, Chemist

06/23/97  
Date

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