

**CORRESPONDENCE**

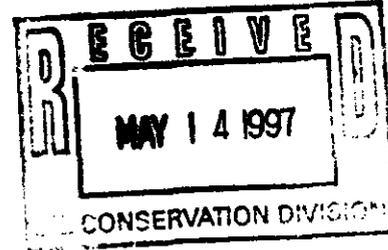
**MISC.**

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

May 12, 1997



**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
P 421 645 872**

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

RE: **Ground Water Investigation**  
Durham State 'A' Tank Battery  
Chevron-Graham NCT 'B' Tank Battery

Dear Mr. Olson

Pursuant to your letter of March 6, 1997, enclosed find the laboratory analytical data sheets requested in conditions (1) and (2). We are not submitting a closure and monitoring status report as requested in condition (4) as we have not yet begun work on the project. Bids have recently been let for the project and we anticipate work starting during the week of May 12, 1997. The Hobbs NMOCD District Office will be notified prior to work starting, as requested in condition (5).

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

Yours truly,

A handwritten signature in black ink that reads "Samuel Small".

Samuel Small, PE  
Environmental Coordinator

xc: NMOCD Hobbs District Office w/ enclosure  
Houston Environmental File w/ enclosure  
Seminole District Environmental File  
Monument File

**RECEIVED**

MAY 14 1997

Environmental Bureau  
Oil Conservation Division



PHONE (813) 873-7001 • 2111 BEECHWOOD • ABILENE, TX 79603

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

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

Receiving Date: 03/18/97  
Reporting Date: 03/20/97  
Project Number: NOT GIVEN  
Project Name: AMERADA HESS  
Project Location: CHEVRON NCBT & DURHAM STATE "A"

Sampling Date: 03/18/97  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: AH  
Analyzed By: AH/BC

LAB NUMBER	SAMPLE ID	Na ppm	Ca ppm	Mg ppm	K ppm	Cl ppm	SO4 ppm	CO3 ppm	HCO3 ppm
<b>ANALYSIS DATE:</b>		03/20/97	03/19/97	03/19/97	03/19/97	03/19/97	03/19/97	03/19/97	03/19/97
H2854-1	CHEV. NCBT #1	248	155	54	4.1	540	131	0	317
H2854-2	CHEV. NCBT #2	278	155	102	3.9	700	160	0	322
H2854-3	CHEV. NCBT #3	244	179	85	4.2	740	85	0	249
H2854-4	DURH. ST. "A" #1	227	126	41	4.3	300	89	0	381
H2854-5	DURH. ST. "A" #2	131	115	48	4.0	280	74	0	381
H2854-6	DURH. ST. "A" #3	223	61	33	2.9	280	43	0	410
H2854-7	DURH. ST. "A" #4	310	32	20	1.8	320	59	0	400
Quality Control		NR	NR	NR	NR	480	105	NR	NR
True Value QC		NR	NR	NR	NR	500	100	NR	NR
% Accuracy		NR	NR	NR	NR	86.0	105	NR	NR
Relative Percent Difference		NR	NR	NR	NR	0	4.8	0	0
<b>METHODS: EPA 600/4-78-02</b>						352.3	375.4		
Std. Methods		3111B	3111B	3111B	3111B			2320B	2320B

*Ray G. Peterson*  
Chemist

03/20/97  
Date

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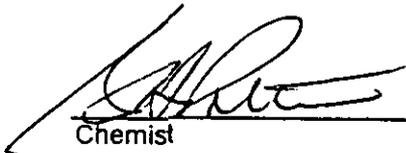
ANALYTICAL RESULTS FOR  
SAFETY & ENVIROMENTAL SOLUTIONS, INC.  
ATTN: DEE WHATLEY  
703 E. CLINTON  
HOBBS, NM 88240  
FAX TO:

Receiving Date: 03/18/97  
Reporting Date: 03/20/97  
Project Number: NOT GIVEN  
Project Name: AMERADA HESS  
Project Location: CHEVRON NCBT & DURHAM STATE "A"

Analysis Date: 03/18/97  
Sampling Date: 03/18/97  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: AH  
Analyzed By: AH

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2854-1	CHEVRON NCBT #1	1455
H2854-2	CHEVRON NCBT #2	1941
H2854-3	CHEVRON NCBT #3	1782
H2854-4	DURHAM ST. "A" #1	1053
H2854-5	DURHAM ST. "A" #2	900
H2854-6	DURHAM ST. "A" #3	775
H2854-7	DURHAM ST. "A" #4	1087
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		0.1

METHOD: EPA 600/4-79-020, 160.1

  
Chemist

03/20/97  
Date

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

Receiving Date: 03/18/97  
 Reporting Date: 03/20/97  
 Project Number: NOT GIVEN  
 Project Name: AMERADA HESS  
 Project Location: CHEVRON NCBT & DURHAM STATE "A"

Sampling Date: 03/18/97  
 Sample Type: GROUNDWATER  
 Sample Condition: COOL & INTACT  
 Sample Received By: AH  
 Analyzed By: BC

LAB NUMBER	SAMPLE ID	BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL BENZENE (mg/L)	TOTAL XYLENES (mg/L)
	ANALYSIS DATE	03/19/97	03/19/97	03/19/97	03/19/97
H2854-1	CHEVRON NCBT #1	<0.001	0.002	<0.001	<0.003
H2854-2	CHEVRON NCBT #2	<0.001	0.002	<0.001	<0.003
H2854-3	CHEVRON NCBT #3	<0.001	0.004	<0.001	0.003
H2854-4	DURHAM ST. "A" #1	<0.001	0.004	<0.001	0.003
H2854-5	DURHAM ST. "A" #2	<0.001	0.003	<0.001	<0.003
H2854-6	DURHAM ST. "A" #3	<0.001	0.003	<0.001	0.004
H2854-7	DURHAM ST. "A" #4	<0.001	0.003	<0.001	0.003
	Quality Control	0.091	0.104	0.108	0.326
	True Value QC	0.100	0.100	0.100	0.300
	% Accuracy	91.3	104	108	109
	Relative Percent Difference	9.5	4.0	7.6	7.9

METHOD: EPA SW 846-8260, 5030, GC/MS

*Bryant R. Cooke*  
 Chemist

3/20/97  
 Date

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PHONE (505) 326-4669 • 118 S. COMMERCIAL AVE. • FARMINGTON, NM 87401

PHONE (806) 796-2800 • 5262 34th ST. • LUBBOCK, TX 79407

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

Receiving Date: 09/30/96  
Reporting Date: 10/07/96  
Project Number: NOT GIVEN  
Project Name: C1-C3, D1-D4  
Project Location: AMERADA HESS, CHEVRON NCBT  
& DURHAM ST. A

Sampling Date: 09/30/96  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: WL  
Analyzed By: GP/WL

LAB NUMBER	SAMPLE ID	Na ppm	Ca ppm	Mg ppm	K ppm	Cl ppm	SO4 ppm	CO3 ppm	HCO3 ppm
ANALYSIS DATE:		10/3/96	10/3/96	10/3/96	10/3/96	10/4/96	10/4/96	10/4/96	10/4/96
H2662-1	C-1	227.6	158.5	41.8	7.18	440	123	trace	288
H2662-2	C-2	260.0	253.5	63.8	8.49	592	136	0	298
H2662-3	C-3	215.0	365.0	72.5	10.17	715	102	0	205
H2662-4	D-1	142.5	232.3	45.3	10.52	336	108	0	301
H2662-5	D-2	92.5	247.3	44.0	20.74	220	80	0	273
H2662-6	D-3	195.0	259.3	37.0	18.74	276	50	0	342
H2662-7	D-4	327.5	235.8	33.8	13.82	334	57	0	361
Quality Control		0.52	1.04	1.00	5.05	103	98	NR	NR
True Value QC		0.50	1.00	1.00	5.00	100	100	NR	NR
% Accuracy		104	104	100	101	103	98	NR	NR
Relative Percent Difference		0.7	0.8	0	7.2	3.0	2.0	0	0
METHODS: EPA 600/4-79-02						352.3	375.4		
Std. Methods		3111B	3111B	3111B	3111B			2320B	2320B

*Wei Li*

Wei Li, Chemist

*10-7-96*

Date



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

Receiving Date: 09/30/96  
 Reporting Date: 10/07/96  
 Project Number: NOT GIVEN  
 Project Name: C1-C3, D1-D4  
 Project Location: AMERADA HESS, CHEVRON  
 NCBT & DURHAM ST. A

Analysis Date: 10/04/96  
 Sampling Date: 09/30/96  
 Sample Type: GROUNDWATER  
 Sample Condition: COOL & INTACT  
 Sample Received By: WL  
 Analyzed By: GP

LAB NUMBER	SAMPLE ID	TDS (mg/L)
H2662-1	C-1	1284
H2662-2	C-2	2194
H2662-3	C-3	2655
H2662-4	D-1	1285
H2662-5	D-2	1062
H2662-6	D-3	939
H2662-7	D-4	1064
Quality Control		NR
True Value QC		NR
% Accuracy		NR
Relative Percent Difference		3.2

METHOD: EPA 600/4-79-020, 160.1

  
 \_\_\_\_\_  
 Chemist

10/7/96  
 \_\_\_\_\_  
 Date

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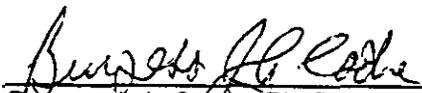
ANALYTICAL RESULTS FOR  
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.  
ATTN: DEE WHATLEY  
703 E. CLINTON  
HOBBS, NM 88240  
FAX TO:

Receiving Date: 09/30/96  
Reporting Date: 10/04/96  
Project Number: NOT GIVEN  
Project Name: C1-C3, D1-D4  
Project Location: AMERADA HESS, CHEVRON  
NCBT & DURHAM ST. A

Sampling Date: 09/30/96  
Sample Type: GROUNDWATER  
Sample Condition: COOL & INTACT  
Sample Received By: WL  
Analyzed By: BC/GP

LAB NUMBER	SAMPLE ID	TPH (mg/L)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENES (ppb)
ANALYSIS DATE:		10/2/96	10/1/96	10/1/96	10/1/96	10/1/96
H2662-1	C-1	1.12	<1	<1	<1	<1
H2662-2	C-2	0.59	<1	<1	<1	<1
H2662-3	C-3	0.50	<1	<1	<1	<1
H2662-4	D-1	0.50	<1	<1	<1	<1
H2662-5	D-2	1.22	<1	<1	<1	<1
H2662-6	D-3	0.55	<1	<1	<1	<1
H2662-7	D-4	2.61	<1	<1	<1	<1
Quality Control		198	91.4	82.6	80.2	239
True Value QC		200	88.2	85.8	83.4	254
% Accuracy		99.0	104	96.3	96.1	94.1
Relative Percent Difference		1.0	2.5	3.9	9.4	5.5

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

  
Burgess J. A. Cooke, Ph. D.

10/14/96  
Date

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 ATTN: DEE WHATLEY  
 703 E. CLINTON  
 HOBBS, NM 88240  
 FAX TO:

Receiving Date: 09/30/96  
 Reporting Date: 10/09/96  
 Project Number: NOT GIVEN  
 Project Name: C1-C3, D1-D4  
 Project Location: AMERADA HESS, CHEVRON NCBT  
 & DURHAM ST. A

Sampling Date: 09/30/96  
 Sample Type: GROUNDWATER  
 Sample Condition: COOL & INTACT  
 Sample Received By: WL  
 Analyzed By: WL

RCRA METALS

LAB NUMBER SAMPLE ID As ppm Ag ppm Ba ppm Cd ppm Cr ppm Pb ppm Hg ppm Se ppm

ANALYSIS DATE:	10/7/96	10/4/96	10/2/96	10/4/96	10/8/96	10/4/96	10/8/96	10/5/96
H2662-1 C-1	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-2 C-2	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-3 C-3	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-4 D-1	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-5 D-2	0.013	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-6 D-3	0.017	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
H2662-7 D-4	0.027	<0.1	<2	<0.1	<0.5	<0.5	<0.001	<0.01
Quality Control	11.1	0.490	18.23	0.107	1.072	0.50	21.0	44.9
True Value QC	10.0	0.500	20.00	0.100	1.000	0.50	25.0	50.0
% Accuracy	111	98.0	91.1	107	107.2	100	84.0	89.8
Relative Percent Difference	1.2	0.2	14.7	0.6	1.1	0	0	9.0

METHODS: EPA 600/4-79-02	206.2	272.1	208.1	213.1	218.1	239.1	245.1	270.2
--------------------------	-------	-------	-------	-------	-------	-------	-------	-------

Wei Li

Wei Li, Chemist

10-9-96

Date

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H 2662 - 1 - 6  
- 2 - 7  
- 3  
- 4  
- 5

# Chain of Custody Record

Project I.D. C-1, C-2, C-3  
Project Location Amerasia Hess Chevron MCB1  
Sampled By Dec. Whiteley  
Client Name SESI  
Address \_\_\_\_\_  
Telephone \_\_\_\_\_

Sample Number	Date	Time	Composite	Grab	Sample Location	Number of Containers	Analysis Required				Remarks (Type sample, preservation, etc.)	
							BTEX	ANION	TD5	Heavy Metals		
662-1					C-1	2	X					
↓					C-1	1	X	X				
					C-1	1			X			
-2					C-2	2	X					
↓					C-2	1	X	X				
					C-2	1				X		
-3					C-3	2	X					
↓					C-3	1	X	X				
					C-3	1			X			

Processed by (Signature) Dec. Whiteley Date 9-29-96 Time 4:28 Shipped/Delivered

Received by (Signature) Wei Li Date \_\_\_\_\_ Time \_\_\_\_\_

Remarks



ARDINAL LABORATORIES

PHONE: (505) 393-2326 • 101 E. MARLAND • HOBBS, NEW MEXICO 88240

# Chain of Custody Record

Project I.D. D-1, D-2, D-3, D-4  
Project Location Amerado Hess Duchon State A

Sampled By Doc Whately

Client Name SESI

Address \_\_\_\_\_

Telephone \_\_\_\_\_

H 2662-1 -6  
-2 -7  
-3  
-4  
-5

Sample Number	Date	Time	Composite	Grab	Sample Location	Number of Containers	Analysis Required	Remarks (Type sample, preservation, etc.)
2662-4	D-1					2	X	
↓	D-1					1	X	
662-5	D-1					1		
↓	D-2					2	X	
↓	D-2					1	X	
662-6	D-2					2	X	
↓	D-3					1	X	
↓	D-3					1	X	
662-7	D-4					2	X	
↓	D-4					1	X	
↓	D-4					1	X	

Analysis Required

BTEX

Alcohols

TDS

Heavy Metals

Received by (Signature) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Received by (Signature) \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

Shipped/Delivered \_\_\_\_\_

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816  
Hobbs New, Mexico 88240  
(505) 392 - 5021

# SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Chevron NCBT  
Test Method: EPA 418.1  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 1-1:	319	PPM	5'	MW-1 Chevron NCBT
SAMPLE NO. 1-2:	44	PPM	10'	MW-1 Chevron NCBT
SAMPLE NO. 1-3:	34	PPM	15'	MW-1 Chevron NCBT
SAMPLE NO. 1-4:	26	PPM	25'	MW-1 Chevron NCBT
SAMPLE NO. 1-5:	69	PPM	30'	MW-1 Chevron NCBT
SAMPLE NO. 1-6:	95	PPM	35'	MW-1 Chevron NCBT
SAMPLE NO. 1-7:	147	PPM	40'	MW-1 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 20' due to a bridge in well bore.

## WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Chevron NCBT

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample #1-1 MW-1 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-2 MW-1 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-3 MW-1 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-4 MW-1 25'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-5 MW-1 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 1-6 MW-1 35'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two  
Chevron NCBT MW-1  
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # 1-7 MW-1 40'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 20' due to a bridge in well bore.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816  
Hobbs New, Mexico 88240  
(505) 392 - 5021

# SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Chevron NCBT  
Test Method: EPA 325.3  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. 1-1:	2600	PPM	5'	MW-1 Chevron NCBT
SAMPLE NO. 1-2:	1200	PPM	10'	MW-1 Chevron NCBT
SAMPLE NO. 1-3:	<1000	PPM	15'	MW-1 Chevron NCBT
SAMPLE NO. 1-4:	<1000	PPM	25'	MW-1 Chevron NCBT
SAMPLE NO. 1-5:	<1000	PPM	30'	MW-1 Chevron NCBT
SAMPLE NO. 1-6:	<1000	PPM	35'	MW-1 Chevron NCBT
SAMPLE NO. 1-7:	<1000	PPM	40'	MW-1 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 20' due to a bridge in well bore.

WESTERN ENVIRONMENTAL CONSULTANTS

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(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Chevron NCBT

Test Method: EPA 325.3

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. 2-1:	1700	PPM	5'	MW-2 Chevron NCBT
SAMPLE NO. 2-2:	3300	PPM	10'	MW-2 Chevron NCBT
SAMPLE NO. 2-3:	1000	PPM	23'	MW-2 Chevron NCBT
SAMPLE NO. 2-4:	<1000	PPM	28'	MW-2 Chevron NCBT
SAMPLE NO. 2-5:	<1000	PPM	37'	MW-2 Chevron NCBT
SAMPLE NO. 2-6:	<1000	PPM	47'	MW-2 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

## WESTERN ENVIRONMENTAL CONSULTANTS

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Hobbs, New Mexico 88240  
(505) 392-5021

## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Chevron NCBT

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # 2-1 MW-2 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-2 MW-2 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-3 MW-2 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-4 MW-2 28'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-5 MW-2 37'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 2-6 MW-2 47'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

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(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Chevron NCBT  
Test Method: EPA 418.1  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 2-1:	12	PPM	5'	MW-2 Chevron NCBT
SAMPLE NO. 2-2:	774	PPM	10'	MW-2 Chevron NCBT
SAMPLE NO. 2-3:	11	PPM	23'	MW-2 Chevron NCBT
SAMPLE NO. 2-4:	14	PPM	28'	MW-2 Chevron NCBT
SAMPLE NO. 2-5:	09	PPM	37'	MW-2 Chevron NCBT
SAMPLE NO. 2-6:	06	PPM	47'	MW-2 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

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SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Chevron NCBT  
Test Method: EPA 325.3  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. 3-1:	1400	PPM	5'	MW-3 Chevron NCBT
SAMPLE NO. 3-2:	2400	PPM	10'	MW-3 Chevron NCBT
SAMPLE NO. 3-3:	1000	PPM	15'	MW-3 Chevron NCBT
SAMPLE NO. 3-4:	<1000	PPM	20'	MW-3 Chevron NCBT
SAMPLE NO. 3-5:	<1000	PPM	28'	MW-3 Chevron NCBT
SAMPLE NO. 3-6:	<1000	PPM	36'	MW-3 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

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(505) 392-5021

## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: Allen Hodge  
SAMPLE MATRIX: Soil

SITE ID: Chevron NCBT  
ORDERED BY: Dyke Browning  
TEST METHOD: 8020  
SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # 3-1 MW-3 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-2 MW-3 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-3 MW-3 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-4 MW-3 20'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-5 MW-3 28'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # 3-6 MW-3 36'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

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SOIL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: A. Hodge

Sample Matrix: Soil

FACILITY: Chevron NCBT

Test Method: EPA 418.1

Order No.: Dyke Browning

SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. 3-1:	17	PPM	5'	MW-3 Chevron NCBT
SAMPLE NO. 3-2:	259	PPM	10'	MW-3 Chevron NCBT
SAMPLE NO. 3-3:	93	PPM	15'	MW-3 Chevron NCBT
SAMPLE NO. 3-4:	21	PPM	20'	MW-3 Chevron NCBT
SAMPLE NO. 3-5:	12	PPM	28'	MW-3 Chevron NCBT
SAMPLE NO. 3-6:	05	PPM	36'	MW-3 Chevron NCBT

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816  
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SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 325.3  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D-1:	1400	PPM	5'	MW-1 Durham State A
SAMPLE NO. D-2:	1200	PPM	10'	MW-1 Durham State A
SAMPLE NO. D-3:	<1000	PPM	15'	MW-1 Durham State A
SAMPLE NO. D-4:	<1000	PPM	23'	MW-1 Durham State A
SAMPLE NO. D-5:	<1000	PPM	30'	MW-1 Durham State A
SAMPLE NO. D-6:	<1000	PPM	39'	MW-1 Durham State A
SAMPLE NO. D-7:	<1000	PPM	58'	MW-1 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 35' due to spoon refusal.

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## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: Allen Hodge  
SAMPLE MATRIX: Soil

SITE ID: Durham State A  
ORDERED BY: Dyke Browning  
TEST METHOD: 8020  
SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D-1 MW-1 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-2 MW-1 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-3 MW-1 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-4 MW-1 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-5 MW-1 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D-6 MW-1 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two  
Durham State A MW-1  
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D-7 MW-1 58'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no sample at 35' due to spoon refusal.

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Hobbs New, Mexico 88240  
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 418.1  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D-1:	49	PPM	5'	MW-1 Durham State A
SAMPLE NO. D-2:	13	PPM	10'	MW-1 Durham State A
SAMPLE NO. D-3:	09	PPM	15'	MW-1 Durham State A
SAMPLE NO. D-4:	12	PPM	23'	MW-1 Durham State A
SAMPLE NO. D-5:	13	PPM	30'	MW-1 Durham State A
SAMPLE NO. D-6:	07	PPM	39'	MW-1 Durham State A
SAMPLE NO. D-7:	05	PPM	58'	MW-1 Durham State A

COMMENTS: These s  
was no sample at 35' due

*Had 8 samples  
BUT NOT ON  
LOG OR NOTES*

drilling operations. There

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SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 325.3  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D2-1:	1500	PPM	5'	MW-2 Durham State A
SAMPLE NO. D2-2:	1400	PPM	10'	MW-2 Durham State A
SAMPLE NO. D2-3:	1000	PPM	15'	MW-2 Durham State A
SAMPLE NO. D2-4:	<1000	PPM	23'	MW-2 Durham State A
SAMPLE NO. D2-5:	<1000	PPM	30'	MW-2 Durham State A
SAMPLE NO. D2-6:	<1000	PPM	39'	MW-2 Durham State A
SAMPLE NO. D2-7:	<1000	PPM	45'	MW-2 Durham State A
SAMPLE NO. D2-8:	<1000	PPM	50'	MW-2 Durham State A
SAMPLE NO. D2-9:	<1000	PPM	58'	MW-2 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS  
P.O. Box 1816  
Hobbs, New Mexico 88240  
(505) 392-5021

## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D2-1 MW-2 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-2 MW-2 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-3 MW-2 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-4 MW-2 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-5 MW-2 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-6 MW-2 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two  
Durham State A MW-2  
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D2-7 MW-2 45'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-8 MW-2 50'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D2-9 MW-2 58'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

**WESTERN ENVIRONMENTAL CONSULTANTS**

P.O. Box 1816  
Hobbs New, Mexico 88240  
(505) 392 - 5021

**SOIL ANALYSIS REPORT**

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 418.1  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D2-1:	74	PPM	5'	MW-2 Durham State A
SAMPLE NO. D2-2:	66	PPM	10'	MW-2 Durham State A
SAMPLE NO. D2-3:	14	PPM	15'	MW-2 Durham State A
SAMPLE NO. D2-4:	17	PPM	23'	MW-2 Durham State A
SAMPLE NO. D2-5:	12	PPM	30'	MW-2 Durham State A
SAMPLE NO. D2-6:	09	PPM	39'	MW-2 Durham State A
SAMPLE NO. D2-7:	10	PPM	45'	MW-2 Durham State A
SAMPLE NO. D2-8	07	PPM	50'	MW-2 Durham State A
SAMPLE NO. D2-9	07	PPM	58'	MW-2 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

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Hobbs New, Mexico 88240  
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 325.3  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D3-1:	1800	PPM	5'	MW-3 Durham State A
SAMPLE NO. D3-2:	1400	PPM	10'	MW-3 Durham State A
SAMPLE NO. D3-3:	1200	PPM	15'	MW-3 Durham State A
SAMPLE NO. D3-4:	1000	PPM	23'	MW-3 Durham State A
SAMPLE NO. D3-5:	<1000	PPM	30'	MW-3 Durham State A
SAMPLE NO. D3-6:	<1000	PPM	39'	MW-3 Durham State A
SAMPLE NO. D3-7:	<1000	PPM	45'	MW-3 Durham State A
SAMPLE NO. D3-8:	<1000	PPM	50'	MW-3 Durham State A
SAMPLE NO. D3-9:	<1000	PPM	58'	MW-3 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS  
P.O. Box 1816  
Hobbs, New Mexico 88240  
(505) 392-5021

## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D3-1 MW-3 5'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-2 MW-3 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-3 MW-3 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-4 MW-3 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-5 MW-3 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-6 MW-3 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two  
Durham State A MW-3  
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D3-7 MW-3 45'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-8 MW-3 50'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D3-9 MW-3 58'			
Benzene	<0.2	Mg/L	Headspace GC 8020/EPA
Toluene	<0.2	Mg/L	
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816  
Hobbs New, Mexico 88240  
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 418.1  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D3-1:	137	PPM	5'	MW-3 Durham State A
SAMPLE NO. D3-2:	108	PPM	10'	MW-3 Durham State A
SAMPLE NO. D3-3:	26	PPM	15'	MW-3 Durham State A
SAMPLE NO. D3-4:	16	PPM	23'	MW-3 Durham State A
SAMPLE NO. D3-5:	07	PPM	30'	MW-3 Durham State A
SAMPLE NO. D3-6:	09	PPM	39'	MW-3 Durham State A
SAMPLE NO. D3-7:	10	PPM	45'	MW-3 Durham State A
SAMPLE NO. D3-8	11	PPM	50'	MW-3 Durham State A
SAMPLE NO. D3-9	04	PPM	58'	MW-3 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations.

WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816  
Hobbs New, Mexico 88240  
(505) 392 - 5021

SOIL ANALYSIS REPORT

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 325.3  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	CL		DEPTH	LOCATION
SAMPLE NO. D4-1:	2200	PPM	10'	MW-4 Durham State A
SAMPLE NO. D4-2:	1800	PPM	15'	MW-4 Durham State A
SAMPLE NO. D4-3:	1200	PPM	23'	MW-4 Durham State A
SAMPLE NO. D4-4:	<1000	PPM	30'	MW-4 Durham State A
SAMPLE NO. D4-5:	<1000	PPM	39'	MW-4 Durham State A
SAMPLE NO. D4-6:	<1000	PPM	45'	MW-4 Durham State A
SAMPLE NO. D4-7:	<1000	PPM	50'	MW-4 Durham State A
SAMPLE NO. D4-8	<1000	PPM	58'	MW-4 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no five foot sample, drilling through spoils from old excavation.

## WESTERN ENVIRONMENTAL CONSULTANTS

P.O. Box 1816

Hobbs, New Mexico 88240

(505) 392-5021

## CHEMICAL ANALYSIS REPORT

DATE: 09/30/96

CLIENT: S.E.S.

SUPERVISOR: Allen Hodge

SAMPLE MATRIX: Soil

SITE ID: Durham State A

ORDERED BY: Dyke Browning

TEST METHOD: 8020

SAMPLE RECEIVED: Cool and intact

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D4-1 MW-4 10'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-2 MW-4 15'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-3 MW-4 23'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-4 MW-4 30'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-5 MW-4 39'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-6 MW-4 45'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Eethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

Page two  
Durham State A MW-4  
BTEX Report

<u>Parameter</u>	<u>Value</u>	<u>Units</u>	<u>Test Method</u>
Sample # D4-7 MW-4 50'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	
Sample # D4-8 MW-4 58'			
Benzene	<0.2	Mg/L	Headspace GC
Toluene	<0.2	Mg/L	8020/EPA
Ethylbenzene	<0.2	Mg/L	
Xylene (OMP)	<0.2	Mg/L	

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no five foot sample, drilling through spoils from old excavation.

**WESTERN ENVIRONMENTAL CONSULTANTS**

P.O. Box 1816  
Hobbs New, Mexico 88240  
(505) 392 - 5021

**SOIL ANALYSIS REPORT**

DATE: 09/30/96  
CLIENT: S.E.S.  
SUPERVISOR: A. Hodge  
Sample Matrix: Soil

FACILITY: Durham State A  
Test Method: EPA 418.1  
Order No.: Dyke Browning  
SAMPLE RECEIVED: Cool and intact

	TPH		DEPTH	LOCATION
SAMPLE NO. D4-1:	18	PPM	10'	MW-4 Durham State A
SAMPLE NO. D4-2:	179	PPM	15'	MW-4 Durham State A
SAMPLE NO. D4-3:	47	PPM	23'	MW-4 Durham State A
SAMPLE NO. D4-4:	12	PPM	30'	MW-4 Durham State A
SAMPLE NO. D4-5:	07	PPM	39'	MW-4 Durham State A
SAMPLE NO. D4-6:	14	PPM	45'	MW-4 Durham State A
SAMPLE NO. D4-7:	10	PPM	50'	MW-4 Durham State A
SAMPLE NO. D4-8	08	PPM	58'	MW-4 Durham State A

COMMENTS: These samples were taken with split-spoon during drilling operations. There was no five foot sample, drilling through spoils from old excavation.







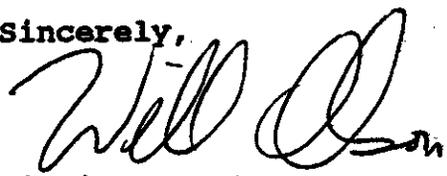
Mr. Samuel Small  
 March 6, 1997  
 Page 2

- b. A summary of the laboratory analytic results of the soil remedial actions, backfilling and water quality monitoring including the laboratory analysis data sheets and all relevant quality assurance/quality control data.
  - c. A water table elevation map for each site using the water table elevation of the ground water in all monitor wells.
5. AHC will notify the OCD at least 48 hours in advance of all scheduled activities such that the OCD has the opportunity to witness the events and/or split samples.
  6. 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 contamination exists which is beyond the scope of the plan or if the plan fails to adequately monitor 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/or regulations.

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

Sincerely,



William C. Olson  
 Hydrogeologist  
 Environmental Bureau

xc: Jerry Sexton, OCD Hobbs District Supervisor  
 Wayne Price, OCD Hobbs Office  
 David Deardorff, New Mexico State Land Office

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