

GW - 179

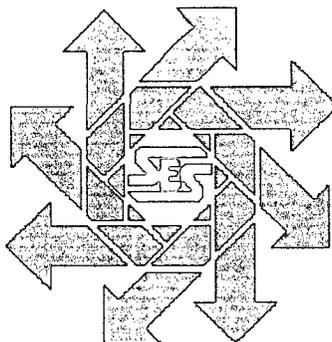
REPORTS

YEAR(S):

2000

Soil Sampling Report

Eddy County, New Mexico



JULY 7, 2000

Prepared for:

***T&C Tank Rental
P.O. Box 1264
Artesia, New Mexico 88210***

Prepared by:

***Safety & Environmental Solutions, Inc.
703 E. Clinton Suite 103
Hobbs, New Mexico 88240
(505) 397-0510***

TABLE OF CONTENTS

I. Background	2
II. Work Performed	2
IV. Analytical Results	2
VI. Maps and Figures	3

I. Background

Safety & Environmental Solutions, Inc. (SESI) was engaged in July 2000 to perform soil sampling at various locations on the T & C Tank Rental facility in Artesia, New Mexico. The subject facility is located in Section 18, Township 17S Range 27E in Eddy County, New Mexico. (See Vicinity Map)

II. Work Performed

SESI's environmental technician arrived at the site on July 7, 2000 to perform the required sampling at the land farm areas, excavation bottom and the blast sand piles. All samples were collected with strict adherence to the SOPs found in the **Environmental Protection Agency, 1984, Characterization of Hazardous Waste Site - A Methods Manual: Vol II**. The sample collected from the lower land farm area was a 12-point composite sample and the samples collected from the upper land farm area were 16-point composite samples. Samples were collected from the floor of the excavated pit onsite. The floor was divided into the top and bottom bench. Samples were collected at 1, 2, and 3 feet below the floor of the excavation. The blast sand piles were sampled with a 5-point composite sample. The samples were placed in the proper containers, iced, and transported under chain of custody to Cardinal Laboratories in Hobbs, New Mexico for analysis. The samples from the land farm areas and excavation floor were tested for Total Petroleum Hydrocarbons (TPH) (EPA Method 8015), Benzene, Toluene, Ethyl Benzene and Xylene (BTEX), and Chlorides. The sample from the sand pile was analyzed for Toxic Characteristic Leaching Procedure (TCLP) metals.

III. Analytical Results

The analysis of the samples are summarized as follows:

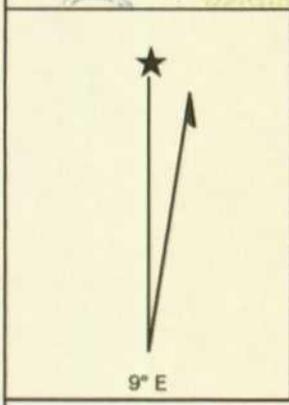
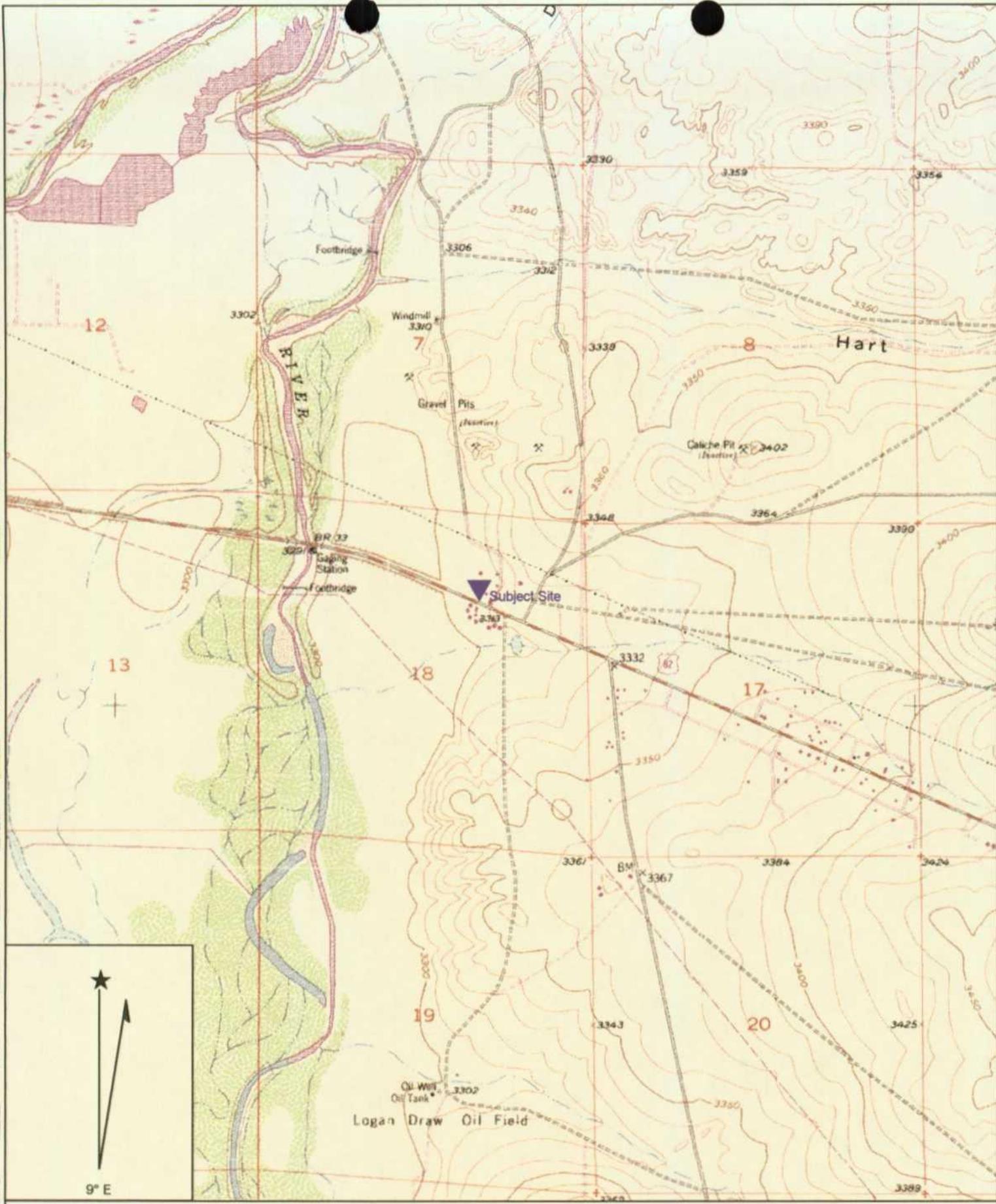
SAMPLE ID	GRO	DRO	CL
S Landfarm Area	334ppm	12300ppm	2930ppm
N ½ N Landfarm	<50ppm	1940ppm	2440ppm
S ½ N Landfarm	<50ppm	4490ppm	7320ppm
Top Bench 1'	<50ppm	864ppm	1480ppm
Top Bench 2'	<50ppm	465ppm	1720ppm
Top Bench 3'	<50ppm	541ppm	1800ppm
Bottom Bench 1'	<50ppm	642ppm	1160ppm
Bottom Bench 2'	<50ppm	213ppm	1240ppm
Bottom Bench 3'	<50ppm	289ppm	1920ppm

SAMPLE ID	BENZENE	TOLUENE	ETHYL BENZENE	TOTAL XYLENES
S Landfarm Area	0.524ppm	0.542ppm	1.16ppm	1.80ppm
N ½ N Landfarm	<0.005ppm	<0.005ppm	<0.005ppm	<0.015ppm
S ½ N Landfarm	<0.005ppm	<0.005ppm	<0.005ppm	<0.015ppm
Top Bench 1'	<0.005ppm	<0.005ppm	<0.005ppm	<0.015ppm
Top Bench 2'	<0.005ppm	<0.005ppm	0.055ppm	0.088ppm
Top Bench 3'	0.028ppm	<0.005ppm	0.186ppm	0.124ppm
Bottom Bench 1'	<0.005ppm	<0.005ppm	<0.005ppm	<0.015ppm
Bottom Bench 2'	<0.005ppm	<0.005ppm	<0.005ppm	<0.015ppm
Bottom Bench 3'	<0.005ppm	<0.005ppm	<0.005ppm	<0.015ppm

SAMPLE ID	AS	AG	BA	CD	CR	PB	HG	SE
EPA Limits	5	5	100	1	5	5	0.2	1
Blast Sand	<1	<1	<5	<0.1	<1	<1	<0.02	<0.1

IV. Maps and Figures
Vicinity Map
Analytical Results

Figure 1
Vicinity Map



Name: SPRING LAKE
 Date: 7/20/2000
 Scale: 1 inch equals 2000 feet

Location: 032° 50' 16.0" N 104° 18' 47.4" W
 Caption: T.C Tank Rental
 Vicinity Map

Figure 2
Analytical Results



**ARDINAL
LABORATORIES**

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

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

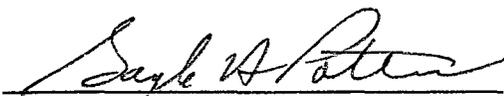
ANALYTICAL RESULTS FOR
SAFETY & ENVIRONMENTAL SOLUTIONS, INC.
ATTN: BOB ALLEN
703 E. CLINTON, STE. #103
HOBBS, NM 88240
FAX TO:

Receiving Date: 07/07/00
Reporting Date: 07/10/00
Project Number: NOT GIVEN
Project Name: T&C TANK RENTAL
Project Location: ARTESIA, NM

Sampling Date: 07/07/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NUMBER	SAMPLE ID	GRO (C ₆ -C ₁₀) (mg/Kg)	DRO (>C ₁₀ -C ₂₈) (mg/Kg)	CI* (mg/Kg)
ANALYSIS DATE		07/07/00	07/07/00	07/10/00
H4984-1	S. LANDFARM AREA	334	12300	2930
H4984-2	N 1/2 N. LANDFARM	<50	1940	2440
H4984-3	S 1/2 N. LANDFARM	<50	4490	7320
H4984-4	TOP BENCH 1'	<50	864	1480
H4984-5	TOP BENCH 2'	<50	465	1720
H4984-6	TOP BENCH 3'	<50	541	1800
H4984-7	BOTTOM BENCH 1'	<50	642	1160
H4984-8	BOTTOM BENCH 2'	<50	213	1240
H4984-9	BOTTOM BENCH 3'	<50	289	1920
Quality Control		918	976	1000
True Value QC		1000	1000	1000
% Recovery		91.8	97.6	100
Relative Percent Difference		2.8	1.9	1.0

METHODS: TPH GRO & DRO: EPA SW-846 8015 M; CI: Std. Methods 4500-CI'B
*Analyses performed on 1:4 w/v aqueous extracts.


Chemist

07/12/2000
Date

H4984A.XLS
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, 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. 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.



**ARDINAL
LABORATORIES**

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: BOB ALLEN
703 E. CLINTON, STE. #103
HOBBS, NM 88240
FAX TO:

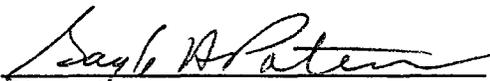
Receiving Date: 07/07/00
Reporting Date: 07/10/00
Project Number: NOT GIVEN
Project Name: T&C TANK RENTAL
Project Location: ARTESIA, NM

Sampling Date: 07/07/00
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: BC
Analyzed By: BC/AH

LAB NO.	SAMPLE ID	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
	ANALYSIS DATE	07/07/00	07/07/00	07/07/00	07/07/00
H4984-1	S. LANDFARM AREA	0.524	0.542	1.16*	1.80*
H4984-2	N 1/2 N. LANDFARM	<0.005	<0.005	<0.005	<0.015
H4984-3	S 1/2 N. LANDFARM	<0.005	<0.005	<0.005	<0.015
H4984-4	TOP BENCH 1'	<0.005	<0.005	<0.005	<0.015
H4984-5	TOP BENCH 2'	<0.005	<0.005	0.055	0.088
H4984-6	TOP BENCH 3'	0.028	<0.005	0.186	0.124
H4984-7	BOTTOM BENCH 1'	<0.005	<0.005	<0.005	<0.015
H4984-8	BOTTOM BENCH 2'	<0.005	<0.005	<0.005	<0.015
H4984-9	BOTTOM BENCH 3'	<0.005	<0.005	<0.005	<0.015
	Quality Control	0.098	0.097	0.095	0.287
	True Value QC	0.100	0.100	0.100	0.300
	% Recovery	98.2	96.6	95.3	95.6
	Relative Percent Difference	8.8	2.8	5.7	3.8

METHOD: EPA SW-846 8260

*Above linear calibration range; result is an approximation.


Chemist

07/12/2000
Date

H4984B.XLS

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, 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. 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.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page of

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 101 East Marland, Hobbs, NM 88240
 (915) 673-7001 Fax (915) 673-7020 (505) 393-2326 Fax (505) 393-2476

Company Name: Safety & Environment At Solutions
 Project Manager: Allen PO #:
 Address: 703 E Clinton Suite 103
 City: Hobbs State: NM Zip: 88240
 Phone #: 505-397-0570
 Fax #:
 Project #: Project Owner:
 Project Name: TEC Tank Rental
 Project Location: AATESITA

FOR LAB USE ONLY		ANALYSIS REQUEST														
LAB I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOL	OIL	SLUDGE	MATRIX	PRES.	DATE	TIME	TPH - 6015	CL -	BTEY	TCLP METALS
M4984-1	South Land Farm Area	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	11:30	Y	Y	Y	
-2	N 1/2 N. LAND FARM	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	2:06	Y	Y	Y	
-3	S 1/2 N. LAND FARM	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	2:30	Y	Y	Y	
-4	Top Bench 1'	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	11:30	Y	Y	Y	
-5	" " 2'	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	12:00	Y	Y	Y	
-6	" " 3'	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	12:30	Y	Y	Y	
-7	Bottom Bench 1'	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	12:40	Y	Y	Y	
-8	" " 2'	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	12:45	Y	Y	Y	
-9	" " 3'	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	12:40	Y	Y	Y	
-10	BLAST SAND	1	1	Y	Y	Y	Y	Y	Y	Y	7-7-00	12:40	Y	Y	Y	

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 the client for the 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 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.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collections, including attorney's fees.

Received By: [Signature] Date: 7-7-00
 Time: 4:05
 Date: 7-7-00
 Time:

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other:

Sample Condition CHECKED BY: [Signature] (Initials)
 Cool Intact Yes No

Phone Result: Yes No Additional Fax #: Yes No
 Fax Result: Yes No

REMARKS:
S. Land Farm 12pt Composite
WES of N. Land Farm 16pt Composites

† Cardinal cannot accept verbal changes. Please fax written changes to 915-673-7020.