



**SAFETY SPECIALISTS, Inc.**  
The Full Service Environmental Health & Safety Corporation

P.O. Box 4420, Santa Clara, CA 95054  
Telephone (408) 988-1111  
Contractor's License No. 460905

January 15, 1990

RECEIVED

JAN 17 1990

Ans'd.....

Mr. Fred Houston  
Winning Action Investments, Inc.  
7080 Donlon Way  
Dublin, CA 94568

Reference: Safety Specialists, Inc., Project Number 530138

Dear Mr. Houston:

This report documents the soil sampling investigation conducted at the American City Truck Stop facility, located at 6310 Houston Court, Dublin, California.

#### BACKGROUND

The background history is based on information provided by the H.G. Winter Company. Soil was excavated during the March 31, 1989 removal of three underground fuel tanks. Soil analyses indicated diesel concentrations below 100 ppm. However, Total Oil and Grease (TOG) concentrations ranged from 130 to 1020 ppm.

Soil stockpiles were identified and their locations marked based on their TOG concentrations. All soil which contained TOG concentrations below 1,000 ppm were mixed with a humic-microbial agent, placed on Visqueen and covered with plastic in an attempt to enhance the biodegradation process. The treated soil stockpiled were remixed once every two weeks.

#### SCOPE OF WORK

##### Soil Sampling

Three composite soil samples (from a total of twelve sampling points) were collected on January 5, 1990 from the soil under treatment. Figure 1 shows the four sampling locations in the stockpile. Prior to sample collection, the sampling tools and containers were thoroughly cleaned by washing in a trisodium phosphate solution, followed by a rinse in distilled water. The samples were collected in 2-inch outside diameter by 6-inch brass sleeves. The brass sleeves were wrapped in aluminum foil, capped, and sealed, and immediately placed in a cooler with blue ice. The soil samples were then transported to a State-certified hazardous materials testing laboratory accompanied by a chain of custody record.

### Soil Samples Analysis

The three composited soil samples were tested for Total Oil and Grease using EPA Method 503 D & E.

### Results and Recommendations

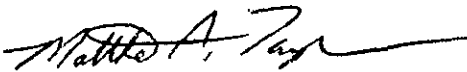
A hard copy of the chain of custody record and the analytical results is attached. The TOG concentrations for soil piles A and C were below the instrument detection limit of 50 ppm. Soil pile B showed Total Oil and Grease concentrations of 80 ppm. Based on the analytical results, Safety Specialists, Inc., recommends the disposal of these piles to a Class III disposal facility.

Soil pile D which contains a Total Oil and Grease concentration of 1,020 ppm should be manifested and disposed of as hazardous waste to a Class I disposal facility. Soil quantity is estimated to be 10 cubic yards.

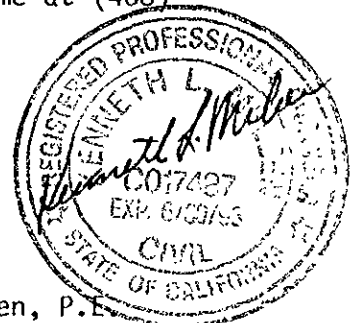
A proposal for 10 cubic yards of soil to be disposed as hazardous waste will follow this report. If you have any additional questions or require further information concerning this report, please contact me at (408) 988-1111.

Sincerely,

SAFETY SPECIALISTS, INC.



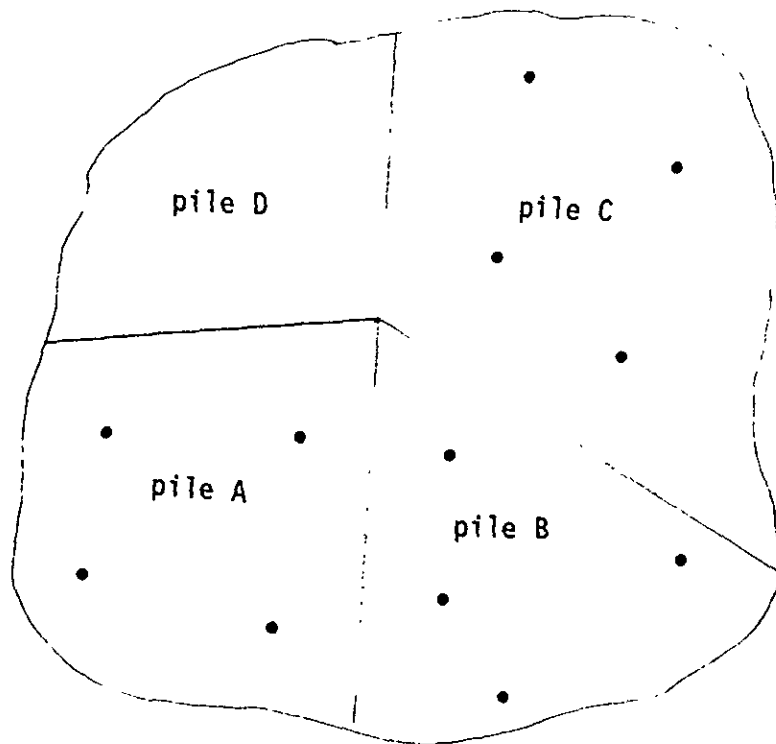
Matthew A. Taylor  
Environmental Engineer  
Environmental Engineering Services



Reviewed By:  
Kenneth L. Meleen, P.E.  
Registered Civil Engineer  
License No. C 17487  
License Expires 06/30/93

MAT:aej





Excavated Stockpile

• soil sample collection location

Not To Scale



**SAFETY  
SPECIALISTS  
INC.  
SANTA CLARA, CA.**

Winning Action Investments, Inc.  
7080 Donlon Way  
Dublin, CA 94568

**Figure No.  
1**

**530138  
Project No.**



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## CHAIN OF SAMPLE CUSTODY RECORD

Collector: MATTHEW TAYLOR Date Sampled: 1-3-89 Time: 10:00 AM  
 Location of Sampling: DUBLIN Dougherty Rd  
American City Truck Stop  
 Project Number: 530140 Survey Number: E002-90  
 Sample Type: Soil  
 Container Type and Condition: 2X6 Brass Sleeves  
 Contract Laboratory Record/Name: Chroma LAB

Sample ID	Field Information
Pile A: A1, A2, A3, A4	Composite A
Pile B: B1, B2, B3, B4	Composite B
Pile C: C1, C2, C3, C4	Composite C

Analysis Requested: TOG

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Results Needed By: 5 Day Turnaround

Travel Blank: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Duplicate Samples: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Field Blank: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Background Soil Sample: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Travel Blank to be Analyzed Separately: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Duplicates to be Analyzed Separately: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Field Blank to be Analyzed Separately: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Background Soil Sample to be Analyzed Separately: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**Chain of Custody:**

1. <u>Matthew A. Taylor</u> Field Personnel	Date <u>1-3-89</u>
2. _____ Courier	Date _____
3. _____ Lab	Date <u>1-3-89</u>

# CHROMALAB, INC.

Analytical Laboratory  
Specializing in GC-GC/MS

- Environmental Analysis
- Hazardous Waste (#238)
- Drinking Water (#955)
- Waste Water
- Consultation

January 9, 1990

ChromaLab File No.: 0190004

SAFETY SPECIALISTS, INC.

Attn: Rasmi

RE: Three composited soil samples for Oil & Grease analysis

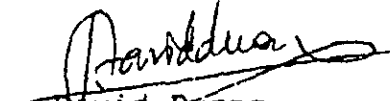
Project Number: N/A  
Survey Number: E002-90  
Analysis Duration: January 4-9, 1990

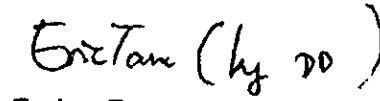
REVISED RESULTS:

Sample No.	Oil & Grease (mg/Kg)	Detection Limit(mg/Kg)
Pile-A 1,2,3,4	<50	50
Pile-B 1,2,3,4	80	50
Pile-C 1,2,3,4	<50	50

METHOD OF ANALYSIS 503 D&E

ChromaLab, Inc.

  
David Duong  
Senior Chemist

  
Eric Tam  
Laboratory Director