



BAY
AREA
TANK
TESTING

2/10/89

ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS

March 9, 1989

Katherine Chesick
Dept. of Environmental Health
Hazardous Materials Div.
Alameda Co.
80 Swan Way, Room 200
Oakland, CA 94621

Ms. Chesick:

Please find enclosed the results of the soil sampling done on February 8, 1989 at the ARATEX facility located at 330 Chesnut St., Oakland. The results are summarized on your "attachment A" and appear to be well within permissible levels in all categories.

Also find enclosed a copy of the chain of custody receipt as well as a copy of the Uniform Hazardous Waste Manifest for the tank disposed of.

Thank you for your cooperation.

Peter Timmerman, Owner

PDT:eam

cc: E. Burnett - ARATEX Services, Inc.
D. Huffman - ARATEX Services, Inc.



ETC - MULTI-TECH

February 21, 1989

CLIENT: Universal Engineering
610 Industrial Way
Benicia, CA 94590

ATTN: Cliff Dees

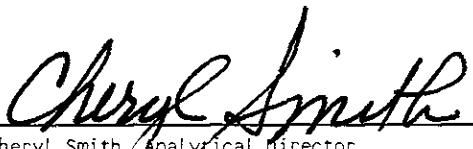
ANALYSIS: EPA METHOD 8020 (BTEX), TOTAL OIL & GREASE and TOTAL EXTRACTABLE HYDROCARBONS
QC BATCH NUMBER: 89-136 and 89-134
PROJECT: ARA SERVICES INC., #5703
SAMPLE TYPE: WASTE
COLLECTED BY: CLIENT ?

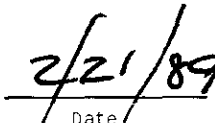
<u>SAMPLE NO.</u>	<u>SAMPLE POINT</u>	<u>SAMPLE DATE</u>	<u>DATE IN LAB</u>
9-0874	#1 330 Chestnut St. Oakland, CA	02-07-89	02-08-89

This report is "PROPRIETARY AND CONFIDENTIAL" and delivered to, and intended for the exclusive use of the above named client only. Environmental Testing and Certification Corp. assumes no responsibility or liability for the reliance hereon or use hereof by anyone other than the above named client.

The analyses and data interpretation that form the basis of this report were prepared under the direct supervision and control of the undersigned who is solely responsible for the contents and conclusions therein.

Reviewed and
Approved by:


Cheryl Smith, Analytical Director
ETC/Multi-Tech Laboratories, Inc.


Date

SAMPLE NUMBER 9-0874, ARA SERVICES INC. #1, PROJECT #5703 (CON'T)

EPA METHOD 8020 (BTEX): AROMATIC VOLATILE ORGANICS

QC Batch Number: 89-136
Date extracted: 02-09-89
Date analyzed: 02-10-88

	<u>Results</u> ug/kg	<u>Detection Limits</u> ug/kg	
Benzene	ND	20	<i>too high</i>
Ethyl Benzene	ND	20	
Toluene	ND	20	
Xylene	ND	20	

ND = None Detected

SAMPLE NUMBER 9-0874, ARA SERVICES INC. #1, PROJECT #5703 (CON'T)

TOTAL OIL & GREASE

Detection Limit: 10 mg/kg

<u>Analyte</u>	<u>EPA Prep Method</u>	<u>Prep Date</u>	<u>EPA Analysis Method</u>	<u>Analysis Date</u>	<u>Oil and Grease Results</u>	
					<u>As-received basis</u> mg/kg	<u>Dry-matter basis</u> mg/kg
Total Oil & Grease	418.1	02-10-89	418.1	02-13-89	64	75

SAMPLE NUMBER 9-0874, ARA SERVICES INC. #1, PROJECT #5703 (CON'T)

TOTAL EXTRACTABLE HYDROCARBONS: MEDIUM TO HIGH BOILING FRACTION

TEP11

QC BATCH NUMBER: 89-134
Date extracted: 02-09-89
Date analyzed: 02-13-89

	<u>Result</u>	<u>Detection Limit</u>
Total Extractable Hydrocarbons	ND	10 mg/kg

NOTE: The total extractable analysis was performed using EPA Methods 3550 and 8015 with a modification of the calibration standards as specified by the San Francisco Water Quality Control Board method for addressing underground fuel leaks. The sample was calibrated to diesel fuel.

ND = None Detected

SAMPLE NUMBER 9-0874, ARA SERVICES INC. #1, PROJECT #5703 (CON'T)

QUALITY ASSURANCE REPORT

EPA METHOD 8020: AROMATIC VOLATILE ORGANICS

QC BATCH NUMBER: 89-136

-MATRIX SPIKES-

<u>Analyte</u>	<u>Method</u>	<u>QC CHECK</u>	<u>Sample</u>	<u>Matrix</u>	<u>Spike</u>	<u>RPD</u>
	<u>Blank</u> (ug/kg)	<u>Sample</u> <u>Recovery</u> (%)	<u>Result</u> (ug/kg)	<u>Spike</u> <u>Recovery</u> (%)	<u>Duplicate</u> <u>Recovery</u> (%)	
Benzene	ND	94	ND	120	116	3.4
Ethyl Benzene	ND	89	ND	92	87	5.6
Toluene	ND	91	ND	98	92	6.3
Total Xylenes	ND	82	ND	85	80	6.1

ND = None Detected

SAMPLE NUMBER 9-0874, ARA SERVICES INC. #1, PROJECT #5703 (CON'T)

QUALITY ASSURANCE REPORT

TOTAL EXTRACTABLE HYDROCARBONS: MEDIUM TO HIGH BOILING FRACTION

QC BATCH NUMBER: 89-134

-MATRIX SPIKES-

<u>Analyte</u>	<u>Method</u> <u>Blank</u> (ug/L)	<u>QC CHECK</u> <u>Sample</u> <u>Recovery</u> (%)	<u>Sample</u> <u>Result</u> (ug/L)	<u>Matrix</u> <u>Spike</u> <u>Recovery</u> (%)	<u>Spike</u> <u>Duplicate</u> <u>Recovery</u> (%)	<u>RPD</u> (%)
Diesel	ND	64%	ND	95	78	20

NOTE: This batch passes method quality control acceptance criteria.

jmb

