

2/10/83

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 catagories.

Also find enclosed a copy of the chain of custody receipt as well as a dopy 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.

MULTI - TECH, A Division of **Environmental Testing and Certification Corp.**

320 Tesconi Circle, Suite G Santa Rosa, California 95401 707-544-5570



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

SAMPLE NO.

SAMPLE POINT

SAMPLE DATE

DATE IN LAB

9-0874

#1

02-07-89

02-08-89

330 Chestnut St.

Oakland, CA

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:

Teen Laboratories, Inc.

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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 10	no Ligh
Ethyl Benzene Toluene	ND ND ND	20 20 20	
Xylene ND = None Detected	NU		

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

TOTAL OIL & GREASE

Detection Limit: 10 mg/kg

			EPA			
	EPA Prep	Prep	Analysis	Analysis	Oil and Gre	ease Results
<u>Analyte</u>	<u>Method</u>	<u>Date</u>	Method	<u>Date</u>	As-received basis	Dry-matter basis
					mg/kg	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)

TEPIL

TOTAL EXTRACTABLE HYDROCARBONS: NEDIUM TO HIGH BOILING FRACTION

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

Result Detection Limit

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

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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-

	Method	QC CHECK Sample	Sample	Matrix Spîke	Spike Duplicate	
<u>Analyte</u>	<u>Blank</u>	Recovery	Result	Recovery	Recovery	RPD
	(ug/kg)	(%)	(ug/kg)	(%)	(%)	(%)
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

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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-

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

NOTE: This batch passes method quality control acceptance criteria.

jmb



4080-C Pike Lane Concord, CA 94520 415-685-7852

800-544-3422 (In CA) 800-423-7143 (Outside CA)

MA 0874. CHAIN-OF-CUSTODY RECORD AND ANALYSIS REQUEST

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Sample Lab #	mount						-	Method Preserved				Samı	oling	2/8020)	d as Gas	iesel (80	etfuel (80	& Grease	k Grease	Total Petroleum Hydrocarbons (418.1)	8010	3020	EPA 608/8080 EPA 608/8080-PCBs Only	8240	8270	Metais	8 Metals	ority Poll	20/7421/	LEAD				i,	CORE	YEAX	TE ST	REPOR		
ID	(Lab use) only	= CCN7A	Volume/Amount	WATER	SOIL	AIR	SLUDGE	OTHER	된	NO H		OTLED	ב	DATE	TIME	BTEX (602/8020)	BTEX/TPH as Gasoline (602/8020/8015)	TPH as Diesel (8015 og 8020)	TPH as Jetfuel (8015 or 8270)	Total Oil & Grease (413.1)	Total Oil & Grease (413.2)	Total Petr	EPA 601/8010	LPA 600Z	EPA 608/	EPA 624/8240	EPA 625/8270	CAM - 17 Metals	EPTOX - 8 Metals	EPA - Priority Pollutant Metals	LEAD(7420/7421/239.2)	ORGANIC LEAD					EXPENSED SERVICE (24 mg)	VERRAI S/FAX	SPECIAL DETECTION LIMITS (SPECIETY	SPECIAL REPORTING REQUIREMENTS
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