

**GROUNDWATER MONITORING AND  
PRODUCT RECOVERY PROGRESS REPORT**

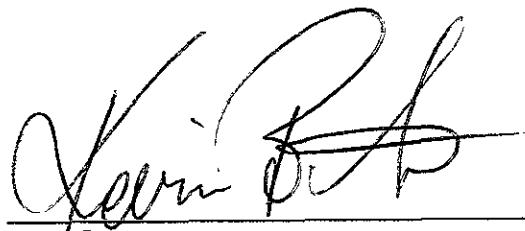
**ARAMARK UNIFORM SERVICES, INC.  
330 CHESTNUT STREET  
OAKLAND, CALIFORNIA**

*June 95*

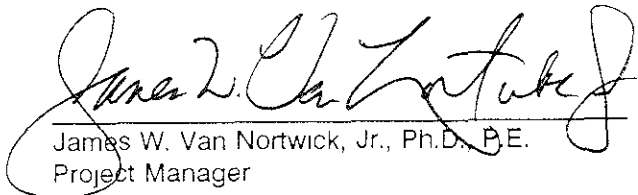
**PREPARED FOR  
ARAMARK UNIFORM SERVICES, INC.  
SCHAUMBURG, ILLINOIS**

**PREPARED BY  
RMT, INC.  
MARINA DEL REY, CA**

**JUNE 1995**



Kevin Bate  
Project Engineer



James W. Van Nortwick, Jr., Ph.D., P.E.  
Project Manager



**RMT, INC. — LOS ANGELES**  
4640 ADMIRALTY WAY SUITE 301  
MARINA DEL REY, CA 90292-6621  
310/578-1241 310/821 3280 FAX

ENVIRONMENTAL  
PROTECTION

95 JUN 14 AM 9:55

June 13, 1995

Ms. Jennifer Eberle  
**Alameda County - Environmental Health Department**  
Environmental Protection Division  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577

**RE: Quarterly Groundwater Monitoring Progress Report  
ARAMARK Uniform Services, Inc.  
330 Chestnut Street, Oakland, California**

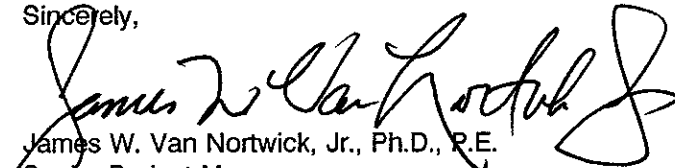
Dear Ms. Eberle:

This letter transmits the results of the groundwater monitoring activities conducted in May 1995, at the referenced facility.

As you may note, with the exception of groundwater samples collected in February 1995 (560- $\mu\text{g/L}$  TPH-D) the presence of petroleum hydrocarbons (i.e., BTEX and TPH-D) has not been identified in the groundwater samples collected from any of the monitoring wells since May 1993.

If you have any questions regarding this report, please feel free to contact me at (310) 578-1241, or Bob Robbins at (608) 592-3222.

Sincerely,



James W. Van Nortwick, Jr., Ph.D., P.E.  
Senior Project Manager

encl: Quarterly Groundwater Monitoring Report

cc: Robert J. Robbins, C.P.G.  
Phillip J. Krejci



RMT, Inc. — LOS ANGELES  
4640 ADMIRALTY WAY SUITE 301  
MARIANA DEL REY, CA 90292-6621  
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**Section 1**  
**INTRODUCTION**

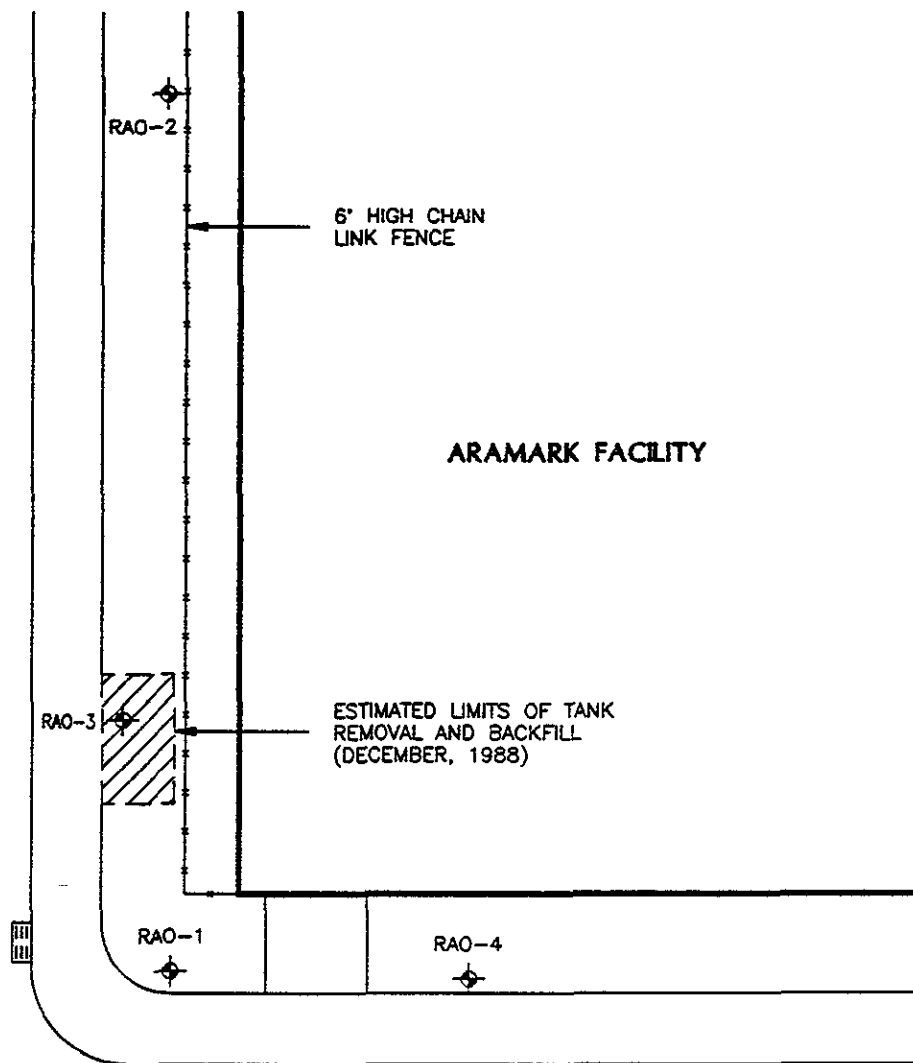
**1.1 Background**

ARAMARK Uniform Services, Inc., (ARAMARK) owns and operates an industrial laundry facility located at 330 Chestnut Street in Oakland, California. A 2,000-gallon underground diesel fuel storage tank was formerly maintained at this facility to supply fuel for the operation of a boiler. The diesel fuel storage tank was removed from the facility in December 1988 and a tank closure documentation report was submitted to the Alameda County Health Care Services Agency (ACHCSA). Based on the information presented in the tank documentation report, the ACHCSA requested that ARAMARK conduct post-closure sampling activities to determine whether the soil and groundwater surrounding the underground storage tank had been impacted by petroleum hydrocarbons.

Remedial investigation activities were conducted by RMT from March 1989, through November 1992, and included the advancement of soil borings and groundwater monitoring wells in the vicinity of the former excavation area. The results of chemical analyses performed on groundwater samples collected from monitoring wells RAO-1, RAO-2, RAO-4, during the period from November 1992 through May 1993 did not identify the presence of total petroleum hydrocarbons (TPH), however, groundwater sampling activities conducted in May 1993, identified the presence of benzene, toluene, and xylenes (BTEX) in groundwater samples collected from monitoring wells RAO-1 and RAO-2. A site plan showing the location of the monitoring wells is presented in Figure 1.

Because the results of the sampling activities indicated that the extent of petroleum hydrocarbon contamination was limited to the area immediately surrounding the former tank excavation and free-product was consistently observed in the groundwater monitoring well located within the former underground storage tank excavation, a product recovery canister was installed in December 1992. To date, the product recovery system has recovered approximately 5,406-mL of free-product.

CHESTNUT STREET



THIRD STREET

### SITE PLAN

ARAMARK UNIFORM SERVICES INC.  
330 CHESTNUT STREET  
OAKLAND, CALIFORNIA

#### LEGEND:



GROUNDWATER MONITORING WELL, BY RMT 6/89



0 20 40

APPROXIMATE SCALE IN FEET


 RMT <sup>®</sup> NC	OWN BY CPB
	APPROVED BY
	DATE NOVEMBER 1994
	PROJ # 12013 12
	FILE # 1006

FIGURE 1

**1.2 Purpose and Scope**

The purpose of this report is to summarize the results of the groundwater monitoring activities conducted on May 5, 1995, at the ARAMARK facility. The scope of work conducted during the groundwater investigation included the following:

- The purging and sampling of three groundwater monitoring wells, and
- The chemical analyses of groundwater samples for the presence of BTEX and TPH-D using EPA SW-846 Method 8020 and Method 8015M.

## Section 2 GROUNDWATER MONITORING ACTIVITIES

Groundwater sampling activities were conducted on May 5, 1995, and included obtaining static water level measurements and groundwater samples from monitoring wells RAO-1, RAO-2, and RAO-4. Groundwater samples were not collected from monitoring well RAO-3 which is currently being utilized for product recovery.

### 2.1 Static Water Level Measurements

Prior to collecting groundwater samples, the depth to groundwater was measured in each monitoring well using an electronic water level indicator. Three rounds of groundwater heights were taken to assess any variability in measurement.

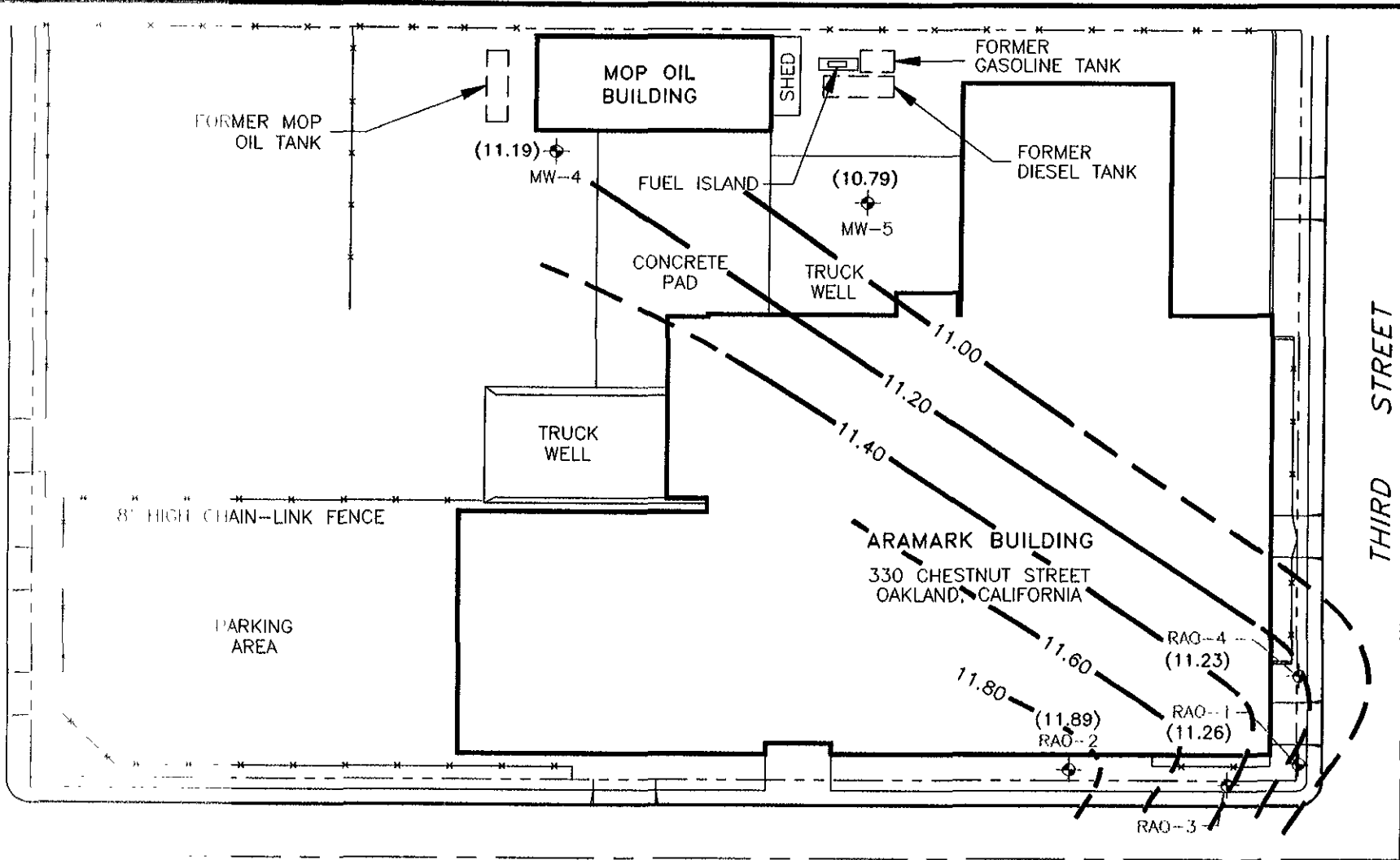
### 2.2 Groundwater Sample Collection

Groundwater samples were collected from monitoring wells RAO-1, RAO-2, and RAO-4. Prior to sampling, each monitoring well was purged using a bailer. A minimum of three well casing volumes (casing and sand pack volume) were extracted from each well before collecting groundwater samples. The temperature, pH, and conductivity of the extracted groundwater was measured and recorded at least once per well casing volume. The well casing volume was determined by measuring and recording the static water level and calculating the well volume. The purging bailer was decontaminated between each sampling event by rinsing with tap water to remove particulates, washing with a tri-sodium phosphate solution, and rinsing with deionized water.


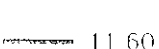

After each monitoring well had recharged to within 80 percent of its pre-purge volume (approximately 15-min) groundwater samples were collected utilizing a disposable Teflon bailer equipped with a teflon stopcock, and dispensed directly into 40-mL borosilicate vials with teflon septa and screw caps. All samples were preserved using hydrochloric acid and stored on ice pending transport to a commercial independent California-certified laboratory according to USEPA protocol, including chain-of-custody procedures. Groundwater sample collection data are presented in Appendix A.

### 2.3 Groundwater Flow

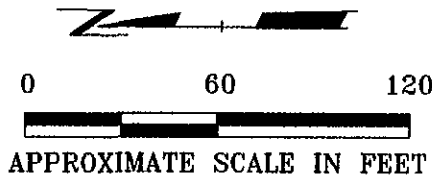
Static water level measurements and groundwater elevations obtained on May 5, 1995, are summarized in Table 1 and the water table map generated from the water level data is presented in Figure 2. The groundwater flow direction is southeast with a gradient of approximately 0.008.



**LEGEND:**

-  GROUNDWATER MONITORING WELL
-  11.60 LINE OF EQUAL GROUNDWATER IN FEET ABOVE MEAN SEA-LEVEL DASHED WHERE INFERRED
-  (11.89) GROUNDWATER ELEVATION (IN FEET ABOVE MSL)

CHESTNUT STREET



PROJECT: ARAMARK UNIFORM SERVICES OAKLAND, CALIFORNIA		
SHEET TITLE: WATER TABLE MAP - MAY 5, 1995		
DRAWN BY: CRB	SCALE: 1" = 60'-0"	PROJ. NO. 12013.11
CHECKED BY:	DATE PRINTED:	FILE NO. 1102
APPROVED BY:	<b>FIGURE 2</b>	
DATE: MAY 1995		



RMT Inc. - Los Angeles  
Phone: 310/578-1241  
4640 Admiralty Way  
Suite 301  
Manna Del Rey, CA 90292



TABLE 1  
Static Water Level Measurement

Monitoring Well Location	TOC Elevation (ft above MSL)	Depth to Water (ft below TOC)	Groundwater Elevation (ft above MSL)
RAO-1	19.08	7.82	11.26
RAO-2	19.57	7.64	11.93
RAO-4	19.30	8.07	11.23

TOC = Top of casing      MSL = Mean sea level

(Static water level measurements obtained from monitoring wells RAO-1, RAO-2, and RAO-4 were also used to generate the water table map.)

**2.4 Chemical Analyses of Groundwater**

Groundwater samples collected from each monitoring well were analyzed for the presence of BTEX and TPH using EPA SW-846 Method 8020 and Method 8015M, respectively. The analytical results of the groundwater samples collected from wells surrounding the recovery well indicate that the product is not migrating. The results of the laboratory analyses are presented in Table 2 and copies of the laboratory report and chain-of-custody documentation are included in Appendix B. The laboratory analyses were performed by Curtis & Tompkins, Ltd., located in Berkeley, California.

**2.5 Disposal of Purged Groundwater**

Groundwater extracted during monitoring well purging activities was contained in 55-gal DOT-approved drums, labeled with the date, generator's name, site location, source, and transported by Falcon Disposal Services, Inc., of Long Beach, California, to Demenno Kerdoon, located in Compton, California, respectively. Waste disposal manifests are included in Appendix C.

TABLE 2  
 Chemical Analyses of Groundwater

Sample Location	Sampling Date	Parameter (µg/L)				
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-D
RAO-1	05-05-95 ✓	<0.5 ✓	<0.5	<0.5	<0.5	<50 ✓
	02-03-95	<0.5	<0.5	<0.5	<0.5	560
	11-18-94	<1.0	<1.0	<1.0	<1.0	<50
	08-12-94	<1.0	<1.0	<1.0	<1.0	<50
	04-28-94	<1.0	<1.0	<1.0	<1.0	<50
	01-29-94	<1.0	<1.0	<1.0	<1.0	<50
	11-11-93	<0.5	<0.5	<0.5	<0.5	<50
	08-02-93	<0.3	<0.3	<0.3	<0.5	<10
	05-11-93	0.4	0.5	<0.3	1.0	<10
	02-19-93	<0.3	<0.3	<0.3	<0.6	<100
11-02-92	<0.3	<0.3	<0.3	<0.5	<10	
RAO-2	05-05-95 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	<50 ✓
	02-03-95	<0.5	<0.5	<0.5	<0.5	<50
	11-18-94	<1.0	<1.0	<1.0	<1.0	<50
	08-12-94	<1.0	<1.0	<1.0	<1.0	<50
	04-28-94	<1.0	<1.0	<1.0	<1.0	<50
	01-29-94	<1.0	<1.0	<1.0	<1.0	<50
	11-11-93	<0.5	<0.5	<0.5	<0.5	<50
	08-02-93	<0.3	<0.3	<0.3	<0.5	<10
	05-11-93	0.4	1.0	<0.3	1.0	56
	02-19-93	<0.3	<0.3	<0.3	<0.6	<100
11-02-92	<0.3	<0.3	<0.3	<0.5	<10	
RAO-4	05-05-95 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	<0.5 ✓	<50 ✓
	02-03-95	<0.5	<0.5	<0.5	<0.5	<50
	11-18-94	<1.0	<1.0	<1.0	<1.0	<50
	08-12-94	<1.0	<1.0	<1.0	<1.0	<50
	04-28-94	<1.0	<1.0	<1.0	<1.0	<50
	01-29-94	<1.0	<1.0	<1.0	<1.0	<50
	11-11-93	<0.5	<0.5	<0.5	<0.5	<50
	08-02-93	<0.3	<0.3	<0.3	<0.5	<10
	05-11-93	<0.3	<0.3	<0.3	<0.5	<10
	02-19-93	<0.3	<0.3	<0.3	<0.6	<100
11-02-93	<0.3	<0.3	<0.3	<0.5	840	

TPH g  
 ND/

ND/

ND/

**Section 3**  
**PRODUCT RECOVERY ACTIVITIES**

During groundwater monitoring activities conducted from March 1990, through November 1992, the presence of a free-product layer was identified in monitoring well RAO-3, located within the former underground storage tank excavation area. In December 1992, a product recovery system, consisting of a removable canister (a buoy sheathed by a semi-permeable hydrophobic membrane atop a product storage sump) was installed in monitoring well RAO-3. During the period from December 1992 through February 1995, approximately 5,907-mL of free-product was recovered. Product recovery activities conducted in March, April, and May 1995 recovered a total of 285-mL of free product, bringing the total quantity recovered to approximately 6,192-mL. A summary of the product recovery operations is presented in Appendix D.

**APPENDIX A**  
**GROUNDWATER SAMPLE COLLECTION DATA**



**APPENDIX B**  
**LABORATORY REPORT**



Curtis & Tompkins, Ltd., Analytical Laboratories, Since 1878

2323 Fifth Street, Berkeley, CA 94710. Phone (415) 486-0900

ANALYTICAL REPORT

Prepared for:

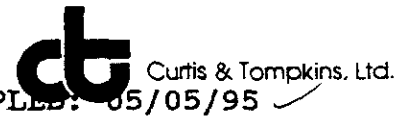
RMT, Inc.  
4640 Admiralty Way  
Suite 301  
Marina Del Rey, CA 90292

Date: 16-MAY-95  
Lab Job Number: 120929  
Project ID: N/A  
Location: N/A

Reviewed by: \_\_\_\_\_

Reviewed by: \_\_\_\_\_

This package may be reproduced only in its entirety.



LABORATORY NUMBER: 120929  
 CLIENT: RMT, INC.  
 LOCATION: ARAMARK-OAKLAND ✓

DATE SAMPLED: 05/05/95 ✓  
 DATE RECEIVED: 05/06/95  
 DATE ANALYZED: 05/12/95  
 DATE REPORTED: 05/16/95  
 BATCH NO.: 20573

Total Volatile Hydrocarbons with BTXE in Aqueous Solutions  
 TVH by California DOHS Method/LUFT Manual October 1989  
 BTXE by EPA 5030/8020

LAB ID	SAMPLE ID	TVH AS GASOLINE (ug/L)	BENZENE (ug/L)	TOLUENE (ug/L)	ETHYL BENZENE (ug/L)	TOTAL XYLENES (ug/L)
120929-001	RAO-1	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
120929-002	RAO-2	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
120929-003	RAO-4	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
120929-004	BLANK	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)
METHOD BLANK	N/A	ND(50)	ND(0.5)	ND(0.5)	ND(0.5)	ND(0.5)

ND = Not detected at or above reporting limit; Reporting limit indicated in parentheses.

QA/QC SUMMARY: BS/BSD

RPD, %	<1
RECOVERY, %	99





LABORATORY NUMBER: 120929  
 CLIENT: RMT, INC.  
 LOCATION: ARAMARK-OAKLAND

DATE SAMPLED: 05/05/95  
 DATE RECEIVED: 05/06/95  
 DATE EXTRACTED: 05/09/95  
 DATE ANALYZED: 05/16/95  
 DATE REVISED: 05/18/95  
 DATE REPORTED: 05/16/95  
 BATCH NO: 20523

Extractable Petroleum Hydrocarbons in Aqueous Solutions  
 California DOHS Method  
 LUFT Manual October 1989

LAB ID	CLIENT ID	DIESEL RANGE (ug/L)
120929-001	RAO-1	ND(50)
120929-002	RAO-2	ND(50)
120929-003	RAO-4	ND(50)
METHOD BLANK		ND(50)

ND = Not detected at or above reporting limit. Reporting limit applies to all analytes.

QA/QC SUMMARY: BS/BSD

RPD, %	4
RECOVERY, %	88



Madison, WI 53717  
744 Heartland Trail  
Phone (608) 831-4444  
FAX (608) 831-7530

Fox Valley, WI  
Columbus, OH  
Milwaukee, WI

Nashville, TN  
Greenville, SC

Augusta, GA  
Lansing, MI

Chicago, IL  
Los Angeles, CA

Cincinnati, OH  
Madison, WI

**LABORATORIES**

F-268 (R2/92)  
(Use Black Ink Only)

**CHAIN OF CUSTODY RECORD**

**№ 052026**

Bottles Prepared by: \_\_\_\_\_ Date/Time: \_\_\_\_\_

Project No: \_\_\_\_\_ Client: **ARMARK-OAKLAND**

Lab No	Yr	Date	Time	Sample Station ID	Total Number Of Containers
1	95	5/5		RAO-1	4
2	95	5/5		RAO-2	4
3	95	5/5		RAO-4	4
4	95	5/5		PLANK	3

Container Inventory 8015 M / 8020 791-02 PTEX						Filtered (Yes/No)
						Preserved (Code)
MATRIX						Code: A - None
						B - HNO3
MATRIX						C - H2SO4
						D - NaOH
MATRIX						E - HCl
						F - _____
Comments:						
WATER						
STANDARD TURNAROUND						
RESULTS TO						
TARIQ AHMAD						
FAX (310) 821-3280						

SAMPLER Relinquished by (Sig.)	Date/Time	Received by (Sig.)	Date/Time
① _____	5/5/95	② Michael Way Shipper Name & # (Curtis & Tompkins)	5-6-95 1720
③ _____		④ _____ Shipper Name & #	
⑤ _____		⑥ _____ Shipper Name & #	

**HAZARDS ASSOCIATED WITH SAMPLES**

(For Lab Use Only)

Receipt Temp: 4°C      Receipt pH: \_\_\_\_\_

Custody Seal: \_\_\_\_\_ Present/Absent: \_\_\_\_\_ Seal: \_\_\_\_\_ Intact/Not Intact: \_\_\_\_\_ Seal #'s: \_\_\_\_\_

**APPENDIX C**  
**WASTE DISPOSAL MANIFESTS**

# NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

EPA I.D. NO. **NOT REQUIRED**

NAME ARAMARK SERVICES, INC.

ADDRESS 1927 WALDEN OFFICE SQUARE/ SITE: 330 CHESTNUT ST

CITY, STATE, ZIP SCHAUMBURG, IL. 60173/ OAKLAND, CA PHONE NO. 608 592-3222

CONTAINERS: No. 1 Drum VOLUME 55-gal WEIGHT \_\_\_\_\_

TYPE:  TANK TRUCK  DUMP TRUCK  DRUMS  CARTONS  OTHER \_\_\_\_\_

WASTE DESCRIPTION			GENERATING PROCESS		
NON HAZARDOUS WATER			SITE INVESTIGATION		
COMPONENTS OF WASTE	PPM	%	COMPONENTS OF WASTE	PPM	%
1. WATER	_____	_____	5. _____	_____	_____
2. TPH	_____	_____	6. _____	_____	_____
3. _____	_____	_____	7. _____	_____	_____
4. _____	_____	_____	8. JOB # TPNC89	_____	_____

PROPERTIES: pH \_\_\_\_\_  SOLID  LIQUID  SLUDGE  SLURRY  OTHER \_\_\_\_\_

HANDLING INSTRUCTIONS: WEAR APPROPRIATE SAFETY GEAR WHEN HANDLING.

THE GENERATOR CERTIFIES THAT THE WASTE AS DESCRIBED IS 100% NON-HAZARDOUS.

TYPED OR PRINTED FULL NAME & SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

TRANSPORTER

EPA I.D. NO. **CAD000048934**

NAME FALCON DISPOSAL SERVICE, INC.

ADDRESS 2531 EAST 67TH STREET

CITY, STATE, ZIP LONG BEACH, CALIFORNIA 90805 SERVICE ORDER NO. \_\_\_\_\_

PHONE NO. (310) 633-4400 PICK UP DATE 5/6/95

TRUCK UNIT, I.D. NO. 5481 TYPED OR PRINTED FULL NAME & SIGNATURE DENNIS BARRICA DATE 5/6/95

TSD FACILITY

EPA I.D. NO. **CAT000013352**

NAME DEMENNO KERDOON

ADDRESS 2000 N. ALAMEDA STREET

CITY, STATE, ZIP COMPTON, CA 90222 DISPOSAL METHOD  LANDFILL  OTHER \_\_\_\_\_

PHONE NO. (310) 507 7100

TYPED OR PRINTED FULL NAME & SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/Q		RT/CO	HWDF	NONE

DISCREPANCY

**APPENDIX D**  
**PRODUCT RECOVERY OBSERVATIONS**

Appendix D  
 Product Recovery Observations

Sampling Date	Volume of Product Removed (mL)	Volume of Water Removed (mL)	Depth to Product (ft-bgs)	Depth to Water (ft-bgs)	Thickness of Product (ft)
12-03-92	0	20	8.65	8.67	0.02
12-04-92	0	0	8.61	8.63	0.02
12-08-92	18	0	8.52	8.52	0.00
12-09-92	10	0	8.24	8.24	0.00
12-10-92	0	3	8.02	8.02	0.00
12-14-92	30	200	8.28	8.29	0.01
12-15-92	0	0	8.32	8.32	0.00
12-16-92	0	0	8.52	8.52	0.00
12-18-92	18	0	8.63	8.66	0.03
12-21-92	10	0	8.39	8.42	0.03
12-22-92	20	30	8.56	8.58	0.02
12-23-92	18	0	8.35	8.37	0.02
12-24-92	22	0	8.42	8.53	0.11
12-28-92	15	0	8.53	8.64	0.01
12-29-92	20	0	8.58	8.60	0.02
12-30-92	18	0	8.22	8.24	0.02
01-04-93	23	18	8.45	8.47	0.02
01-05-93	12	0	8.28	8.30	0.02
01-06-93	10	0	8.05	8.48	0.43
01-07-93	8	0	8.64	8.66	0.02
01-08-93	3	10	8.36	8.37	0.01
01-11-93	8	0	8.02	8.16	0.14
01-12-93	13	8	7.68	8.06	0.38
01-13-93	45	0	7.64	8.04	0.40
01-14-93	40	0	8.00	8.32	0.32
01-15-93	40	0	7.98	8.30	0.32
01-18-93	48	0	8.00	8.11	0.11
01-19-93	50	0	8.00	8.22	0.22
01-20-93	44	0	8.00	8.02	0.02
01-21-93	5	40	7.84	8.00	0.16
01-22-93	450	42	7.74	7.98	0.24
02-04-93	25	500	7.99	8.45	0.46
03-25-93	380	70	8.11	8.20	0.09
04-09-93	500	18	8.11	8.20	0.09
04-23-93	210	60	7.49	7.51	0.02
05-03-93	560	90	8.54	8.58	0.04
05-11-93	38	114	8.35	8.45	0.10
05-20-93	1	0	8.39	8.42	0.03
06-02-93	5	65	8.37	8.41	0.04
06-18-93	100	0	8.46	8.57	0.14
07-09-93	150	0	8.20	8.25	0.05
11-11-93	40	80	7.98	7.91	0.07
12-10-93	20	25	8.62	8.59	0.03

Product Recovery Observations

Sampling Date	Volume of Product Removed (ml)	Volume of Water Removed (ml)	Depth to Product (ft-bgs)	Depth to Water (ft-bgs)	Thickness of Product (ft)
01-29-94	0	0	8.76	8.76	0.00
03-10-94	0	0	8.63	8.63	0.00
05-03-94	1,976	658	8.93	9.15	0.22
06-17-94	6	565	8.85	8.85	0.00
06-21-94	1	540	8.50	8.52	0.02
06-28-94	5	400	8.69	8.71	0.01
07-08-94	26	500	8.61	8.61	0.00
07-14-94	0	400	8.73	8.73	0.00
07-20-94	20	500	8.60	8.62	0.02
07-26-94	60	560	8.68	8.71	0.03
08-02-94	21	500	8.46	8.50	0.04
08-12-94	30	640	7.74	7.79	0.05
08-18-94	0	550	9.24	9.24	0.00
08-25-94	0	550	8.78	8.78	0.00
08-31-94	0	550	8.74	8.74	0.00
09-09-94	150	375	7.74	7.76	0.02
09-15-94	0	525	8.93	8.93	0.00
09-22-94	5	305	8.97	8.99	0.02
09-30-94	0	420	8.86	8.86	0.00
10-07-94	0	550	8.74	8.74	0.00
10-14-94	0	520	8.80	8.80	0.00
10-21-94	0	520	8.88	8.88	0.00
10-28-94	0	525	8.90	8.90	0.00
11-04-94	0	550	8.00	8.00	0.00
11-09-94	0	520	7.99	7.99	0.00
11-18-94	80	430	8.05	8.15	0.10
11-25-94	130	300	8.00	7.99	0.01
11-30-94	30	260	7.94	7.95	0.01
12-09-94	30	480	8.03	8.07	0.04
12-16-94	30	120	7.96	7.99	0.03
12-22-94	20	500	8.06	8.09	0.03
12-29-94	80	360	7.71	7.73	0.02
01-06-95	25	500	7.57	7.60	0.03
01-13-95	50	70	7.55	7.54	0.01
01-20-95	5	510	7.53	7.54	0.01
01-26-95	30	500	7.38	7.41	0.03
01-31-95	30	320	7.47	7.48	0.01
02-09-95	20	210	7.63	7.63	0.00
02-14-95	20	175	7.62	7.64	0.02
02-24-95	30	310	7.85	7.89	0.04
03-03-95	20	340	7.75	7.78	0.03
03-09-95	30	510	7.31	7.34	0.03

Product Recovery Observations

Sampling Date	Volume of Product Removed (ml)	Volume of Water Removed (ml)	Depth to Product (ft-bgs)	Depth to Water (ft-bgs)	Thickness of Product (ft)
03-17-95	10	510	7.28	7.29	0.01
03-24-95	15	485	7.23	7.24	0.01
03-31-95	15	475	7.47	7.48	0.01
04-07-95	35	285	7.61	7.62	0.01
04-14-95	20	280	7.68	7.69	0.01
04-21-95	20	290	7.75	7.73	0.02
04-28-95	40	420	7.65	7.68	0.03
05-06-95	20	360	7.70	7.71	0.01
05-12-95	20	390	7.70	7.70	0.00
05-19-95	10	370	7.90	7.90	0.00
<b>Total to Date</b>	<b>6,192</b>	<b>22,876</b>			