



#692

June 20, 2001

Mr. Larry Seto
Alameda County Health Care Services Agency
Environmental Protection (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Subject: **Semi-Annual Groundwater Monitoring/ Free Product Removal Progress**
ARAMARK Uniform Services, Inc.
330 Chestnut Street, Oakland, California

Dear Mr. Seto:

RMT, Inc. (RMT) has prepared this letter on behalf of ARAMARK Uniform Services, Inc. (ARAMARK), to provide the following information to the Alameda County Health Care Services Agency-Environmental Protection (Alameda County):

- Summary of groundwater monitoring activities conducted at the above referenced facility during the second quarter 2001 period.
- Free product monitoring assessment for second quarter 2001 and historically since December 1992.

Groundwater Monitoring

Four groundwater monitoring wells are sampled periodically at the site; wells RAO-2, RAO-4, and RAO-5 are sampled annually, and well RAO-3 is sampled semi-annually if no free product is encountered. A site plan showing the locations of these groundwater monitoring wells is presented as Attachment A.

To complete the semi-annual sampling requirement for RAO-3, a groundwater sample was collected from RAO-3 on May 16, 2001. Prior to sampling, RAO-3 was purged using a single-use disposable polyethylene bailer. A minimum of three well casing volumes was extracted before collecting the groundwater sample. The temperature, pH, and conductivity of the extracted groundwater were measured and recorded at least once per well casing volume removed. After RAO-3 had recharged to within 80 percent of its pre-purge volume, a groundwater sample was collected utilizing a disposable polyethylene bailer equipped with a polyethylene stopcock, and dispensed directly into appropriate laboratory prepared containers. Samples collected were stored on ice pending transport to a commercial independent

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California-certified laboratory according to USEPA protocol, including chain-of-custody procedures. Groundwater sample collection data are presented in Attachment B.

The groundwater sample collected from RAO-3 was chemically analyzed to detect the presence of total petroleum hydrocarbons as diesel (TPH-D) using US EPA SW-846 Method 8015M. In addition, the sample was also analyzed for benzene, toluene, ethylbenzene, and total xylenes (BTEX) using US EPA SW-846 Method 8020. The results of the chemical analyses are summarized in Table C-1 in Attachment C, and a copy of the laboratory report is included as Attachment D. All chemical analyses were performed by American Analytics of Chatsworth, California.

Free Product Monitoring Assessment

During the second quarter 2001 period, well RAO-3 was inspected every two weeks for evidence of free product. No product was detected on the surface of the water within the well during any of the site inspections. In addition, during each inspection, no product was captured within the passive bailer device installed at RAO-3 or by using hand-bailing methods.

A historical summary of free product collection is summarized in Attachment E. Figure E-1 (in Attachment E) illustrates the downward trend in free product collection observed since 1992. Since inception of free product collection activities (December 1992), 2.50 gallons (9,462 mL) of free product have been recovered using the passive product recovery canister or by hand-bailing methods.

Closure Request

During a phone conversation between you and Tariq Ahmad (RMT) on July 25, 2000, you indicated that Alameda County will not consider closure for sites where free product has been historically present unless, through monitoring, it can be shown that free product is no longer present for a minimum period of four calendar quarters (to allow for the observation of potential depth to water fluctuations that may occur seasonally). ARAMARK has conducted free product monitoring events twice per month since 1996. Since May 15, 2000, no measurable volume of free product has been collected (see Attachment E).

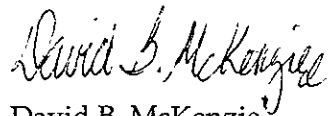
Because no evidence of free product has been observed at this site for four consecutive quarters, and because no significant BTEX or TPH-G concentrations are present in any of the monitoring wells, RMT, on behalf of ARAMARK, respectfully requests that Alameda County issue site closure for this facility.

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If you have any questions regarding this summary of activities, please feel free to contact Tariq Ahmad at (310) 645-6970, or me at (734) 971-7080.

Sincerely,

RMT, Inc.

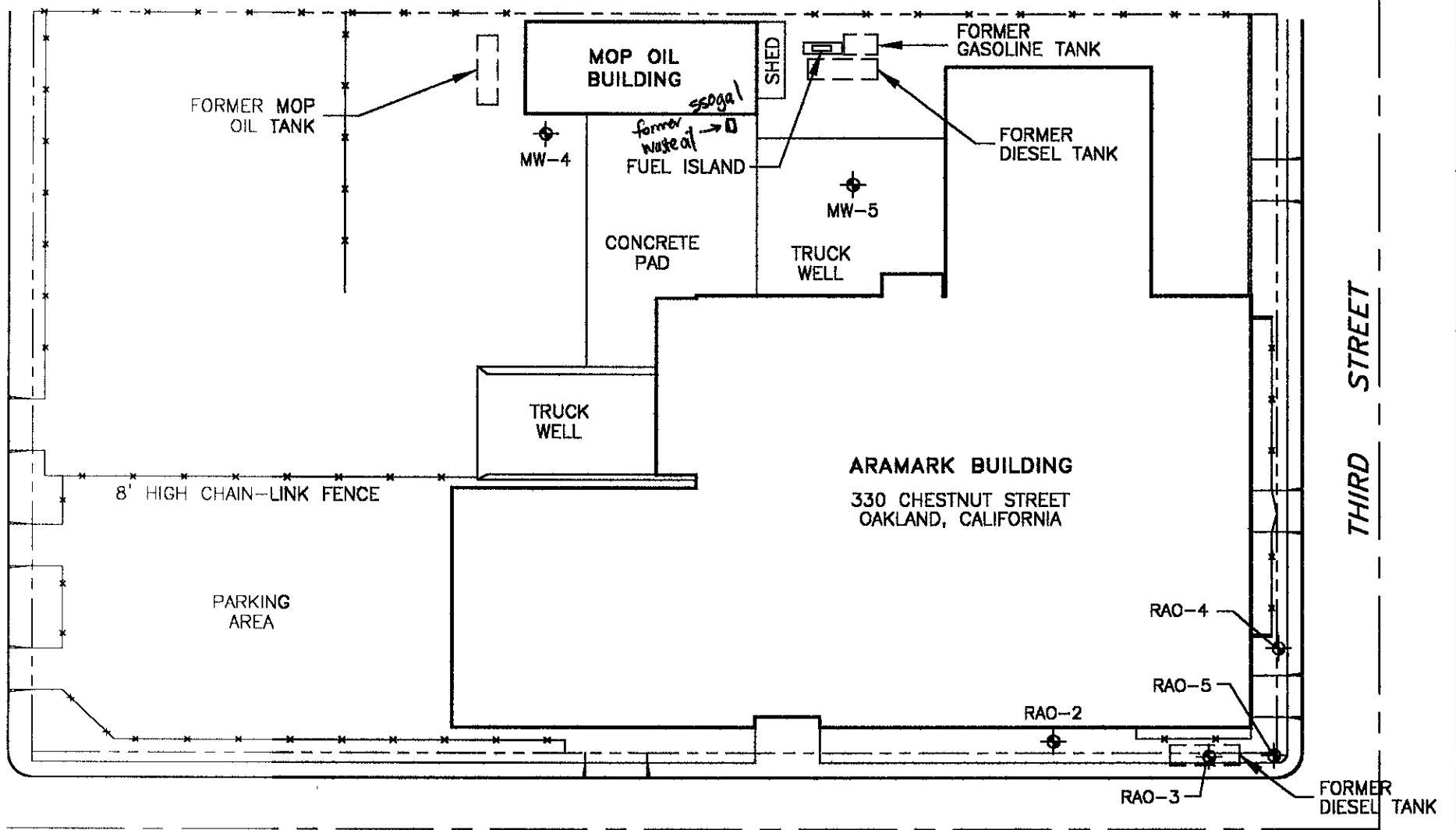


David B. McKenzie
Project Manager

Attachments: Attachment A – Site Plan
Attachment B – Groundwater Sample Collection Data
Attachment C- Chemical Analysis of Groundwater
Attachment D - Laboratory Report
Attachment E - Product Recovery Log and Collection Trend

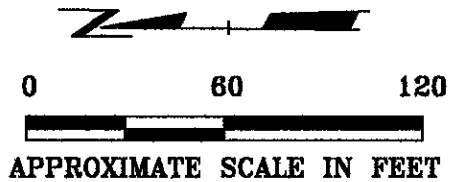
cc: Phil Krejci, ARAMARK Uniform Services
Samuel J. Niemann, The Wetlands Company (2)
Tariq Ahmad, RMT, Inc.

**ATTACHMENT A
SITE PLAN**



LEGEND:


 RAO 3 GROUNDWATER MONITORING WELL



PROJECT: ARAMARK UNIFORM SERVICES OAKLAND, CALIFORNIA		
SHEET TITLE: SITE PLAN		
DRAWN BY: CRB	SCALE:	PROJ. NO. 12013.1B
CHECKED BY: TA		FILE NO. Oakland.dwg
APPROVED BY: DBM	DATE PRINTED:	FIGURE 1
DATE: MARCH 2001		



RMT Inc. - Los Angeles
 Phone: 310/645-6970
 8085 Bristol Parkway
 2nd Floor
 Culver City, CA 90230-8601

**ATTACHMENT B
GROUNDWATER SAMPLE COLLECTION DATA**

GROUNDWATER SAMPLE COLLECTION DATA

Project Name:	Aramark - Oakland
Sampling Date	May 16, 2001
Sampled By:	Oliver Carreon (RMT, Inc.)

Monitoring Well	Purge Number	Volume (Gal)	Temp (°C)	pH	Turbidity* (NTU)	Cond. (uS/cm)	DTW (ft)
RAO-3	1	1	20.1	8.46	--	90	8.00
	2	2	20.1	7.96	--	85	
	3	3	19.8	7.00	--	80	

Gal - gallons

°F - degrees Fahrenheit

NTU - nephelometric turbidity units

uS/cm - microsiemens per centimeter

ft - feet

Temp - temperature

Cond. - conductivity

DTW - depth to water

**ATTACHMENT C
CHEMICAL ANALYSIS OF GROUNDWATER**

Table C-1
Chemical Analyses of Groundwater (Former Diesel Fuel UST Area)

Sample Location	Sampling Date	Parameter (ug/L)				
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-D
RAO-1	Damaged monitoring well abandoned August 27, 1998					
	02-01-96	<0.5	<0.5	<0.5	<0.5	820
	08-02-95	<0.5	<0.5	<0.5	<0.5	<50
	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	
RAO-2	01-19-01	<0.5	<0.5	<0.5	<1	<100
	02-02-00	<0.3	<0.3	<0.3	<0.6	<200
	01-14-99	<0.3	<0.3	<0.3	<0.6	<200
	01-17-98	<0.3	<0.3	<0.3	<0.6	<200
	02-18-97	<0.3	<0.3	<0.3	<0.6	<200
	11-14-95	<0.5	<0.5	<0.5	<0.5	870
	08-02-95	<0.5	<0.5	<0.5	<0.5	<50
	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

Table C-1 (Cont'd)
Chemical Analyses of Groundwater (Former Diesel Fuel UST Area)

Sample Location	Sampling Date	Parameter (ug/L)				
		Benzene	Toluene	Ethylbenzene	Xylenes	TPH-D
RAO-3	05-16-01	1.3	0.75	3.3	21	21,000
	01-19-01	<0.5	<0.5	<0.5	<1	14,000
	09-14-00	<0.5	<0.5	0.62	<1	2,700
	02-02-00	<0.5	<0.5	<0.5	<1	10,000
	10-05-99	<0.5	<0.5	0.67	5.2	950
	07-30-99	<0.3	<0.3	0.46	<0.6	4,900
	04-07-99 ^a	--	--	--	--	--
	01-14-99	0.30	<0.3	<0.3	<0.6	1,900
	08-28-98 ^a	--	--	--	--	--
	01-17-98 ^a	--	--	--	--	--
	10-17-97	0.79	<0.3	3.6	3.5	46,000
	11-15-96	0.33	<0.3	0.61	<0.6	24,000
	08-06-96	0.45	<0.3	<0.3	<0.6	11,000
	05-10-96	1.8	<0.3	3.0	5.5	2,000,000
02-01-96	16	<0.5	55	<0.5	1,700,000	
RAO-4	01-14-99	0.30	<0.3	<0.3	<0.6	340
	01-17-98	<0.3	<0.3	<0.3	0.71	<200
	02-18-97	<0.3	<0.3	<0.3	<0.6	<200
	11-14-95	<0.5	<0.5	<0.5	<0.5	800
	08-02-95	<0.5	<0.5	<0.5	<0.5	<50
	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	
RAO-5	01-19-01	<0.5	<0.5	<0.5	<1	120
	02-02-00	<0.5	<0.5	<0.5	<1	<200
	01-14-99	<0.3	<0.3	<0.3	0.75	<200
	08-28-98	<1.0	<1.0	<1.0	<1.0	<200
Blank	01-19-01	<0.5	<0.5	<0.5	<1	--

a. Free product seen identified; no sample collected for analysis.

**ATTACHMENT D
LABORATORY REPORT**



LABORATORY ANALYSIS RESULTS

Client: RMT, Inc.
Project No.: N/A
Project Name: Oakland Aramark
Sample Matrix: Water
Method: EPA 8015M (Diesel Range Org.)

AA Project No.: A39486
Date Received: 05/17/01
Date Reported: 05/30/01
Units: mg/L

AA I.D. No.	Client I.D. No.	Date Sampled	Date Extracted	Date Analyzed	Results	MRL
121015	RAO-3	05/16/01	05/21/01	05/28/01	21	0.1

MRL: Method Reporting Limit


George Havalias
Laboratory Director



LABORATORY QA/QC REPORT

Client: RMT, Inc.
Project Name: Oakland Aramark
Method: EPA 8015M (Diesel Range Org.)
Sample ID: Matrix Spike
Concentration: 2 mg/L

AA ID No.: 121013
Project No.: N/A
AA Project No.: A39486
Date Analyzed: 05/28/01
Date Reported: 05/30/01

Compounds	Result (mg/L)	Spike Recovery (%)	Dup. Result (mg/L)	Spike/Dup. Recovery (%)	RPD (%)	Accept.Rec. Range (%)
Diesel Range Organics	1.1	55	1	50	10	19 - 151

George Havalas
Laboratory Director



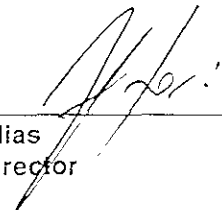
LABORATORY ANALYSIS RESULTS

Client: RMT, Inc.
Project No.: N/A
Project Name: Oakland Aramark
Sample Matrix: Water
Method: EPA 8020 (BTEX)

AA Project No.: A39486
Date Received: 05/17/01
Date Reported: 05/25/01
Units: ug/L

Date Sampled:	05/16/01	
Date Analyzed:	05/21/01	
AA ID No.:	121015	
Client ID No.:	RAO-3	MRL
<u>Compounds:</u>		
Benzene	1.3	0.5
Ethylbenzene	3.3	0.5
Toluene	0.75	0.5
Xylenes	21	1

MRL: Method Reporting Limit


George Havalias
Laboratory Director

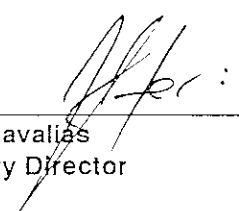


LABORATORY QA/QC REPORT

Client: RMT, Inc.
Project Name: Oakland Aramark
Method: EPA 8020 (BTEX)
Sample ID: Matrix Spike
Concentration: 20 ug/L

AA ID No.: 121015
Project No.: N/A
AA Project No.: A39486
Date Analyzed: 05/21/01
Date Reported: 05/25/01

Compounds	Result (ug/L)	Spike Recovery (%)	Dup. Result (ug/L)	Spike/Dup. Recovery (%)	RPD (%)	Accept. Rec. Range (%)
Benzene	18	90	18.1	91	1	65 - 135
Ethylbenzene	19	95	16.7	84	12	77 - 123
Toluene	19	96	20.3	101	5	66 - 134
Xylenes	19	95	17.3	87	9	73 - 127


George Havalias
Laboratory Director



AMERICAN ANALYTICS CHAIN-OF-CUSTODY RECORD

9765 ETON AVE., CHATSWORTH, CA 91311

Tel: 818-998-5547 FAX: 818-998-7258

DATE: 5/16/01

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AA Client <u>RMT</u>		Phone <u>(310) 645-6970</u>		Sampler's Name <u>OLIVER CARMEON</u>		
Project Manager <u>TARIQ AHMAD</u>		P.O. No.		Sampler's Signature <u>[Signature]</u>		
Project Name <u>OAKLAND BRAMACK</u>		Project No.		Project Manager's Signature		
Job Name and Address		ANALYSIS REQUIRED (Test Name) <u>IPH-D0</u> <u>BTEX #</u>				Special Test Requirements / Comments i.e., - Turnaround Time, Detection Limits, Data Package.....)
Client's ID	AA ID#	Date	Time	Sample Type	Number of Containers	
<u>PA0-3</u>	<u>121015</u>	<u>5/16/01</u>	<u>1100AM</u>	<u>LC</u>	<u>4</u>	<u># 8020</u> <u>① 8015</u>
SAMPLE INTEGRITY TO BE FILLED IN BY RECEIVING LAB		Relinquished by:		Date	Time	Received by:
Samples Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		<u>OLIVER CARMEON</u>		<u>5/16/01</u>	<u>10DP</u>	<u>Inda 5/17/01 .0945</u>
Samples Properly Cooled Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:
Samples Accepted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Relinquished by:		Date	Time	Received by:
If Not Why _____		Relinquished by:		Date	Time	Received by:
AA Project No. <u>A39486</u>		Relinquished by:		Date	Time	Received by:

ATTACHMENT E
PRODUCT RECOVERY LOG AND COLLECTION TREND

**Product Recovery Log
Well RAO-3**

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	0	8.63	0.00
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	0	8.02	0.00
12-14-92	30	200	8.28	8.29	0.01
12-15-92	0	0	0	8.32	0.00
12-16-92	0	0	0	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

**Product Recovery Log
Well RAO-3**

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)
11-11-93	40	80	7.98	7.91	0.07
12-10-93	20	25	8.62	8.59	0.03
01-29-94	0	0	0	8.76	0.00
03-10-94	0	0	0	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	0	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	0	9.24	0.00
08-25-94	0	550	0	8.78	0.00
08-31-94	0	550	0	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	0	8.86	0.00
10-07-94	0	550	0	8.74	0.00
10-14-94	0	520	0	8.80	0.00
10-21-94	0	520	0	8.88	0.00
10-28-94	0	525	0	8.90	0.00
11-04-94	0	550	0	8.00	0.00
11-09-94	0	520	0	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

**Product Recovery Log
Well RAO-3**

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)
03-03-95	20	340	7.75	7.78	0.03
03-09-95	30	510	7.31	7.34	0.03
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
05-26-95	10	380	7.80	7.80	0.00
06-02-95	0	240	0	7.86	0.00
06-09-95	0	330	0	7.80	0.00
06-16-95	0	170	0	7.87	0.00
06-23-95	0	300	0	7.99	0.00
06-30-95	0	300	0	7.88	0.00
07-07-95	0	280	0	7.82	0.00
07-14-95	0	290	0	7.86	0.00
07-21-95	0	540	0	7.90	0.00
07-28-95	0	500	0	7.92	0.00
08-04-95	0	480	0	7.86	0.00
08-11-95	0	530	0	7.88	0.00
08-18-95	0	520	0	7.86	0.00
08-25-95	0	500	0	7.90	0.00
09-05-95	0	310	0	8.15	0.00
09-12-95	0	400	0	8.10	0.00
09-19-95	0	390	0	8.20	0.00
09-26-95	0	380	0	8.25	0.00
10-03-95	0	385	0	8.15	0.00
10-10-95	0	230	0	8.42	0.00
10-17-95	0	240	0	8.39	0.00
10-24-95	0	250	0	8.40	0.00
10-31-95	0	255	0	8.44	0.00
11-07-95	0	260	0	8.42	0.00
11-14-95	0	400	0	8.43	0.00
11-21-95	0	420	0	8.48	0.00
11-28-95	0	480	0	8.50	0.00
12-05-95	0	400	0	8.55	0.00
12-15-95	0	550	0	8.40	0.00
12-22-95	0	490	0	8.36	0.00

**Product Recovery Log
Well RAO-3**

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)
12-29-95	0	570	0	7.85	0.00
01-05-96	0	560	0	7.82	0.00
01-12-96	0	480	0	7.52	0.00
01-19-96	0	460	0	7.54	0.00
01-26-96	0	450	0	7.53	0.00
02-01-96	400	1000	7.03	7.12	0.09
02-09-96	275	480	7.34	7.36	0.02
02-16-96	75	400	7.35	7.37	0.02
02-23-96	100	360	7.33	7.36	0.03
03-01-96	100	350	7.32	7.34	0.02
03-08-96	90	360	7.34	7.36	0.02
03-15-96	95	355	7.35	7.37	0.02
03-22-96	90	360	7.33	7.35	0.02
03-29-96	80	350	7.34	7.36	0.02
04-05-96	90	355	7.44	7.47	0.03
04-12-96	70	360	7.48	7.50	0.02
04-19-96	75	350	7.58	7.60	0.02
04-26-96	60	500	7.74	7.75	0.01
05-03-96	50	460	7.75	7.76	0.01
05-10-96	0	100	0	7.76	0
05-17-96	0	480	0	7.78	0
05-24-96	0	490	0	7.90	0
05-31-96	10	495	7.60	7.60	0
06-08-96	0	490	0	7.72	0
06-14-96	10	490	7.72	7.72	0
06-21-96	0	480	0	7.74	0
06-28-96	0	490	0	7.76	0
07-05-96	0	485	0	7.75	0
07-12-96	0	495	0	7.76	0
07-19-96	10	400	7.90	7.90	0
07-26-96	0	425	0	7.85	0
08-02-96	0	420	0	7.90	0
08-16-96	0	430	0	7.82	0
08-30-96	0	450	0	7.80	0
09-13-96	10	550	8.15	8.15	0
09-27-96	0	500	0	8.20	0
10-11-96	0	525	8.30	8.30	0
10-25-96	5	545	8.28	8.28	0
11-08-96	0	500	0	8.26	0
11-22-96	0	525	0	8.10	0
12-06-96	0	500	0	8.20	0
12-23-96	0	540	0	7.92	0

**Product Recovery Log
Well RAO-3**

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)
01-03-97	10	510	7.46	7.46	0
01-16-97	50	500	7.36	7.38	0.02
01-31-97	240	250	7.13	7.17	0.04
02-14-97	100	300	7.25	7.26	0.01
02-28-97	90	350	7.26	7.27	0.01
03-14-97	100	470	7.72	7.74	0.02
03-28-97	90	480	7.74	7.76	0.02
04-11-97	80	490	7.82	7.83	0.01
04-25-97	0	400	0	7.90	0
05-09-97	0	450	0	7.92	0
05-23-97	0	400	0	7.94	0
06-06-97	10	490	7.77	7.77	0
06-20-97	10	520	8.04	8.04	0
07-03-97	10	170	7.95	7.95	0
07-18-97	0	490	0	8.10	0
08-01-97	0	495	0	8.20	0
08-15-97	0	480	0	8.30	0
08-29-97	0	490	0	8.40	0
09-11-97	0	290	0	8.15	0
09-26-97	0	505	0	8.09	0
10-10-97	0	100	0	8.19	0
10-24-97	0	250	0	8.24	0
11-07-97	0	540	0	8.21	0
11-21-97	0	550	0	7.60	0
12-05-97	0	560	0	7.22	0
12-19-97	0	500	0	7.24	0
01-02-98	50	520	7.00	7.00	0
01-16-98	40	540	7.00	7.00	0
01-30-98	40	530	7.20	7.20	0
02-13-98	50	500	7.10	7.10	0
02-27-98	220	510	6.99	6.99	0
03-13-98	120	300	6.96	6.96	0
07-06-98	10	520	7.20	7.20	0
07-24-98	5	495	7.30	7.30	0
08-07-98	0	300	0	7.40	0
08-21-98	0	250	0	7.45	0
09-04-98	0	100	0	7.46	0
09-18-98	0	300	0	7.44	0
10-12-98	0	370	0	7.75	0
10-16-98	0	220	0	7.40	0
10-30-98	0	240	0	7.60	0
11-13-98	0	250	0	7.62	0

**Product Recovery Log
Well RAO-3**

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)
11-27-98	0	260	0	7.61	0
12-11-98	0	210	0	7.90	0
12-28-98	0	100	0	8.16	0
01-11-99	0	100	0	8.36	0
01-25-99	0	240	0	8.60	0
02-09-99	0	210	0	8.18	0
02-26-99	0	320	0	8.19	0
03-12-99	0	460	0	8.00	0
03-26-99	0	500	0	7.80	0
04-07-99	5	510	7.84	7.84	0
04-12-99	10	520	7.80	7.80	0
04-23-99	25	500	7.40	7.40	0
05-07-99	15	520	7.80	7.80	0
05-21-99	10	500	7.80	7.80	0
06-04-99	10	520	7.75	7.75	0
06-18-99	15	500	7.70	7.70	0
07-02-99	10	520	7.40	7.40	0
07-16-99	5	500	7.80	7.80	0
07-30-99	0	500	0	7.75	0
08-13-99	0	475	0	7.78	0
08-27-99	0	490	0	7.77	0
09-13-99	0	500	0	8.00	0
09-30-99	0	480	0	8.10	0
10-15-99	0	500	0	8.30	0
10-29-99	0	470	0	8.20	0
11-12-99	0	480	0	8.16	0
11-26-99	0	500	0	8.12	0
12-10-99	0	470	0	8.18	0
12-23-99	0	480	0	8.14	0
01-06-00	0	500	0	8.12	0
01-20-00	0	480	0	8.20	0
02-03-00	0	400	0	7.60	0
02-23-00	0	500	0	7.03	0
03-10-00	10	500	7.08	7.08	0
03-27-00	20	510	7.75	7.75	0
04-03-00	15	480	7.60	7.60	0
04-17-00	20	410	8.00	8.00	0
05-01-00	15	380	7.40	7.40	0
05-15-00	5	275	7.47	7.47	0
05-30-00	0	320	0	7.45	0
06-12-00	0	110	0	7.58	0
06-26-00	0	90	0	7.56	0

Product Recovery Log
Well RAO-3

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)
07-16-00	0	240	0	7.38	0
07-24-00	0	360	0	7.58	0
08-07-00	0	425	0	7.80	0
08-21-00	0	400	0	7.60	0
09-12-00	0	500	0	7.82	0
09-25-00	0	530	0	7.78	0
10-10-00	0	560	7.75	7.75	0.00
10-23-00	0	500	7.62	7.62	0.00
11-06-00	0	520	7.74	7.74	0.00
11-20-00	0	588	7.65	7.65	0.00
12-04-00	0	320	7.80	7.80	0.00
12-18-00	0	420	7.86	7.86	0.00
01-02-01	0	400	7.75	7.75	0.00
01-15-01	0	440	7.78	7.78	0.00
02-06-01	0	400	7.58	7.58	0.00
02-20-01	0	510	7.76	7.76	0.00
03-05-01	0	500	7.84	7.84	0.00
03-19-01	0	500	7.68	7.68	0.00
04-02-01	0	480	7.80	7.80	0.00
04-23-01	0	360	7.70	7.70	0.00
05-07-01	0	500	7.68	7.68	0.00
05-21-01	0	380	7.70	7.70	0.00
06-04-01	0	400	7.80	7.80	0.00
06-15-01	0	360	7.76	7.76	0.00
Total to Date	9,507				

Figure E-1
Free Product Recovery History - ARAMARK Uniform Services, Inc.
Oakland, CA

