



99 APR -9 PH 3: 47

3876

April 8, 1999
Project 20805-118.032

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: ARCO Service Station No. 2185, located at 9800 14th Street, Oakland, California

Dear Mr. Chan:

This letter is sent by Pinnacle Environmental Solutions, a division of EMCON (Pinnacle), on behalf of ARCO Products Company (ARCO) in response to the March 18, 1999, letter from Alameda County Health Care Services Agency (ACHCSA) to Paul Supple of ARCO. In the letter you requested a workplan to perform a soil investigation to evaluate residual hydrocarbons in soil near the former product dispensers. This evaluation is requested to aid in achieving a risk based closure, and specifically to demonstrate an acceptable risk for the indoor air pathway, which could not be achieved due the concentrations detected during tank replacement in 1991. However, as we discussed on the telephone last week (telephone conversation between Pinnacle and ACHCSA on March 29, 1999), ARCO anticipates that this site will remain a gasoline service station for at least the next several years. In addition, providing that no monitoring or remediation is required (as stated in the March 18, 1999 letter), ARCO is willing to leave this case "open" with ACHCSA, with the understanding that if future land use changes or if ARCO wishes to "close" the site, then the additional soil investigation or other appropriate evaluation of the indoor air pathway risk would be performed at that time.



Mr. BarneyChan
April 8, 1999
Page 2

Project 20805-118.032

Per our telephone conversation, Pinnacle will suspend future monitoring and remediation activities indefinitely. Please call me at (510) 740-5807 if you wish to discuss the status of this site further.

Sincerely,

Pinnacle



Glen VanderVeen
Project Manager

cc: Paul Supple, ARCO

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

March 18, 1999
StID # 3876

Mr. Paul Supple
ARCO Products Co.
P.O. Box 6549
Moraga, CA 94570

**Re: Additional Subsurface Investigation at ARCO Station No. 2185, 9800 E. 14th St.,
Oakland, CA, 94603**

Dear Mr. Supple:

Upon review of the recent quarterly groundwater monitoring report for the Fourth Quarter 1998 for the above site, it appears that groundwater conditions have stabilized and do not pose a risk. At this time, you may suspend future monitoring. However, one problem still remains which our office has discussed with Mr. Ray Kaminsky of EMCON. It concerns the Tier 2 RBCA for this site. The residual benzene concentration in soil samples collected beneath the former fuel dispensers may conservatively pose a risk to human health. The soil results are biased because of the results of a few soil samples with elevated benzene concentration. Therefore, to resolve this situation, our office requests an additional subsurface investigation in the areas near the former dispensers. Either soil or soil vapor samples should be collected to verify the prior analytical results. It is likely that current site conditions have changed considerably from the initial conditions taken during the tank removal in 1991. Therefore, you are encouraged to re-sample soil in the same general location as in the past. Alternatively, soil vapor samples may be taken, however, there may be some doubt as to soil conditions if this is done.

Please submit a work plan for this additional investigation to our office **within 30 days or by April 19, 1999.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

✓ C. B. Chan, files

Mr. G. Vander Veen, Pinnacle Environmental Solutions, 144-A Mayhew Way, Walnut
Creek, CA 94596

Mr. R. Kaminsky, EMCON, 1921 Ringwood Ave., San Jose, CA 95131-1721

Addwp9800

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 16, 1998
StID # 3876

Mr. Paul Supple
ARCO Products Co.
P.O. Box 6549
Moraga, CA 94570

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

**Re: Risk Assessment and MTBE Sampling at ARCO Station No. 2185, 9800
E. 14th St., Oakland CA 94603**

Dear Mr. Supple:

Our office has been informed that EMCON has previously prepared and submitted a Human Health Risk Assessment (HHRA) for the above site, dated October 6, 1997. Unfortunately, I have not been able to find the copy sent to our office. I have, therefore, requested from Mr. Glen VanderVeen, that another copy be sent to me.

In addition, our office has recently received guidance from the Regional Water Quality Control Board regarding their sampling recommendation for the analysis of oxygenates and other gasoline additives. According to their May 15, 1998 memo, when a site is in the pre-closure stage, you should confirm MTBE using EPA Method 8240 or 8260. Therefore, our office requests that you sample monitoring wells MW-3 and MW-8 for this compound using either method. Additional groundwater sampling may then be put on hold until we receive and review the HHRA and the confirmatory MTBE results. Please submit these technical reports to our office **within 30 days or by July 16, 1998.**

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. G. VanderVeen, EMCON, 1433 N. Market Blvd., Sacramento, CA
95834-1943

Mr. G. Messerotes, EMCON, 1921 Ringwood Ave., San Jose, CA
95131-1721

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION (LOP)
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

June 8, 1998
StID # 3876

Mr. Paul Supple
ARCO Products Co.
P.O. Box 6549
Moraga, CA 94570

**Re: Request for Risk Evaluation for ARCO Station No. 2185, 9800 E. 14th
St., Oakland CA 94603**

Dear Mr. Supple:

Our office has been reviewing the above site for recommendation for site closure as a "low risk" groundwater case. Although it appears that the site may be eligible for closure under this classification, our office will need an evaluation for risk to human health. This is necessary, since it appears that the site may not pass a Tier 1 risk assessment, the most conservative of evaluations.

Please contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, files

Mr. G. Messerotes, EMCON, 1921 Ringwood Ave., San Jose, CA 95131-1721

HRA-9800



EMCON

1921 Ringwood Avenue • San Jose, California 95131-1721 • (408) 453-7300 • Fax (408) 437-9526

R0392

March 19, 1997
Project 20805-116.008

Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Re: Purge or non-purge sampling procedures

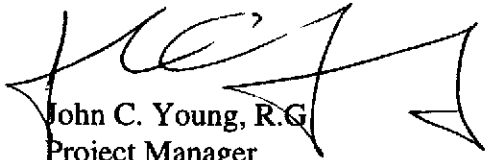
Dear Mr. Chan:

On behalf of ARCO, EMCON has prepared this letter to inform you that we will be sampling wells at ARCO Stations 276 and 2185 in Oakland and 2035 in Albany, California, per the requirements set forth in the San Francisco Bay Regional Water Quality Control Board's letter dated January 31, 1997, regarding utilization of non-purge approach for sampling of monitoring wells impacted by petroleum hydrocarbons, BTEX and MTBE. EMCON will gauge depth to water in each well before sampling to ensure the RWQCB's procedures are met.

If you have questions on the sampling procedures, please call.

Sincerely,

EMCON


John C. Young, R.G.
Project Manager

cc: Paul Supple, ARCO



ALAMEDA COUNTY ENVIRONMENTAL
HEALTH DEPARTMENT

ENVIRONMENTAL PROTECTION DIVISION
1131 Harbor Bay Parkway, Suite #250
Alameda, CA 94502-6577
Telephone (510) 567-6700
Fax Number (510) 337-9335

FAX COVER SHEET

DATE: August 16, 19 95

TO: MICHAEL WHELAND

ARCO

FAX # (408) 377-8361

Total number of pages including cover sheet 2

FROM: SUSAN HUGO

NOTE:

Per your request.

(SMILE) have a nice day.
DO SOMETHING FOR OUR ENVIRONMENT.

LIST OF ARCO SITES WITH UGT CLEANUP
(August 16, 1995)

<u>STID#</u>	<u>ACHD CONTACT</u>	<u>ARCO#</u>	<u>ADDRESS</u>
3629	Susan Hugo	2112	1260 Park Street, Alameda 94501
817	Amy Leech	5387	20200 Hesperian Blvd. Hayward 94541
3943	Scott Seery	2152	22141 Center St., Castro Valley 94546
3883	Susan Hugo	6113	785 E. Stanley Blvd., Livermore 94550
3873	Susan Hugo	771	899 Rincon Avenue, Livermore 94550
1053	Eva Chu	6041	7249 Village Parkway, Dublin 94568
779	Amy Leech	608	17601 Hesperian Blvd. San Lorenzo 94580
3876	Barney Chan	2185	9800 East 14th Street, Oakland 94603
3756	Barney Chan	276	10600 MacArthur Blvd. Oakland 94605
3874	Susan Hugo	4931	731 W. MacArthur Blvd. Oakland 94609
3884	Susan Hugo	374	6407 Telegraph Avenue, Oakland 94609
3626	Susan Hugo	6148	5131 Shattuck Avenue, Oakland 94609
3890	Barney Chan	2107	3310 Park Blvd. Oakland 94610
3854	Barney Chan	4494	566 Hegenberger Road, Oakland 94621
3793	Susan Hugo	2169	889 W. Grand Ave. Oakland 94607
3858	Barney Chan	2035	1001 San Pablo Avenue, Albany 94706
4275	Scott Seery	601	712 Lewelling Blvd. San Leandro 94579
744	Dale Kletke	2111	1156 Davis Street, San Leandro 94577



1921 Ringwood Avenue
San Jose, California

PHONE: 408/453-7300
FAX: 408/437-9526

TELEFAX TRANSMITTAL

DATE: August 8, 1995 RE: ARCO #2185
TO: Barney Chan, Alameda County Health Care Services Agency
FAX #: (510) 337-9234
FROM: John Young, EMCON - San Jose
PROJECT NO.: 0805-130.02

NOTE: Unless otherwise indicated or obvious from the nature of the transmittal, the information contained in this facsimile message is confidential information intended for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us at the telephone number listed above.

COMMENTS: Barney, attached is a copy of your letter to ARCO Products Company, dated June, 1, 1995. As per my phone conversation with Scott Seery on August 8, 1995 at 3:40pm, EMCON plans to proceed with the installation of offsite groundwater monitoring wells MW-9 and MW-10 to further characterize offsite groundwater. The wells will be installed as originally proposed in RESNA's workplan dated January 20, 1994. If you have any additional questions regarding the status of our investigation at this site, please call.

NUMBER OF PAGES (3) (INCLUDES COVER SHEET)

ALAMEDA COUNTY ENVIRONMENTAL
HEALTH DEPARTMENT

ENVIRONMENTAL PROTECTION DIVISION
1131 Harbor Bay Parkway, Suite #250
Alameda, CA 94502-6577
Telephone (510) 567-6700
Fax Number (510) 337-9335

FAX COVER SHEET

DATE: June 27, 1995

TO: DAVID LARSON

FAX # (408) 453-0452

Total number of pages including cover sheet 2

FROM: SUSAN L. HUGO

NOTE: List of ARCO SITES & corresponding
contact person

(SMILE) have a nice day.
DO SOMETHING FOR OUR ENVIRONMENT.

(6/27/95)

LIST OF ARCO SITES WITH UGT CLEANUP

<u>STID#</u>	<u>ACHD CONTACT</u>	<u>ARCO FACILITY#</u>	<u>ADDRESS</u>
3629	Susan Hugo	Station 2112	1260 Park Street Alameda 94501
817	Amy Leech	Station 5387	20200 Hesperian Blvd. Hayward 94541
3943	Scott Seery	Station 2152	22141 Center Street Castro Valley 94546
3883	Susan Hugo	Station 6113	785 E. Stanley Blvd. Livermore 94550
3873	Susan Hugo	Station 771	899 Rincon Avenue Livermore 94550
1053	Eva Chu	Station 6041	7249 Village Parkway Dublin 94568
779	Amy Leech	Station 608	17601 Hesperian Blvd. San Lorenzo 94580
3876	Barney Chan	Station 2185	9800 East 14th Street Oakland 94603
3756	Barney Chan	Station 276	10600 MacArthur Blvd. Oakland 94605
3874	Susan Hugo	Station 4931	731 W. MacArthur Blvd. Oakland 94609
3884	Susan Hugo	Station 374	6407 Telegraph Avenue Oakland 94609
3626	Susan Hugo	Station 6148	5131 Shattuck Avenue Oakland 94609
3890	Barney Chan	Station 2107	3310 Park Blvd. Oakland 94610
3854	Barney Chan	Station 4494	566 Hegenberger Road Oakland 94621
3793	Susan Hugo	Station 2169	889 W. Grand Ave. Oakland 94607
3858	Barney Chan	Station 2035	1001 San Pablo Avenue Albany 94706
4275	Scott Seery	Station 601	712 Lewelling Blvd. San Leandro 94579

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

June 1, 1995
StID # 3876

Mr. Micheal Whelan
ARCO Products Company
2155 South Bascom Ave., Suite 202
Campbell, CA 95008

**Re: Status of Subsurface Investigation at Station #2185, 9800
E. 14th St., Oakland CA 94603**

Dear Mr. Whelan:

Thank you for the submission of your first quarter 1995 groundwater monitoring report for the above site. It appears that you are continuing to experience access problems with the two additional off-site wells previously proposed. It was noticed that significant reduction was observed from the past monitoring event especially in MW-3. It is not certain what is the cause(s) for this reduction. Perhaps natural biodegradation and plume migration are the contributing factors.

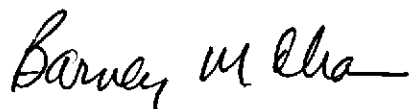
In an attempt to determine the applicability of the Non-Attainment Area policy, our office has the the following requests/comments:

1. Please incorporate the analysis for MTBE in your future groundwater analyses. I believe ARCO has been notified of this new requirement requested by the RWQCB.
2. To verify that biodegradation is occurring our office requests at least on an annual basis, the analysis for chemicals and other indicators of biodegradation in your monitoring wells. These parameters should include dissolved oxygen, potassium, soluble and total Kjeldahl nitrogen, phosphate, redox potential and a plate count for heterotrophic and hydrocarbon utilizing bacteria. It would be recommended for these analyses to be reported in the next monitoring report if possible.
3. Please provide the gas chromatogram for TPH analysis of groundwater from MW7 and a representative chromatogram from the other wells (if their chromatograms are similar). Some estimation of biodegradation and hydrocarbon loss can be estimated through the examination of the chromatograms.
4. If you foresee that access for the off-site wells is not imminent, please consider temporary borings and groundwater sampling as an alternative.

Mr. Micheal Whelan
StID # 3876
9800 E. 14th St..
June 1, 1995
Page 2.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: David Larsen, Emcon, 1921 Ringwood Ave., San Jose, CA 95131-
1721
M.L. Tung, files

bio9800

ARCO Products Company
2000 Alameda de las Pulgas
Mailing Address: Box 5811
San Mateo, California 94402
Telephone 415 571 2400

ALCO
HAZMAT



91 SEP 13 PM 2:14
September 9, 1994

Ms. Susan Hugo
Alameda County Health Care Services
80 Swan Way, Room 200
Oakland, CA 94621

Re: Transfer of ARCO Projects.

Dear Ms. Hugo:

The purpose of this letter is to inform you of changes that ARCO Products Company (ARCO) has recently made in regards to environmental consulting firms working on environmental projects at existing and former ARCO retail facilities. In an effort to promote consistency, be more proactive, streamline communications and reduce costs, ARCO has significantly reduced the number of environmental consultants performing assessment and remedial activities on these environmental projects. The consolidation, which took effect on 9/1/94, involves a reduction of approximately 75% to 80% of the consulting firms that ARCO previously used. ARCO firmly believes that this consolidation effort will dramatically streamline ARCO's communication process, both with your office and staff as well as with ARCO's remaining consultants. The consulting firms which ARCO will now use at retail facility environmental projects throughout the west (WA, OR, CA, NV and AZ) include: Brown & Caldwell, Delta Environmental, Emcon Associates, Pacific Environmental Group, and Secor.

Attached to this letter is a list of sites in your jurisdiction that have recently been transferred to one of the five consulting firms listed above. In most cases, these five consulting firms were already working on ARCO projects in your jurisdiction. Also included in the list is the name of the ARCO engineer responsible for the site. please don't hesitate to call the respective ARCO engineer or the consultant's regional contact if you have any questions regarding any of the projects.

The transfer of the projects from the former consultant to one of the five firms listed above should be completed by October 1, 1994. Shortly thereafter I will be contacting you to schedule a meeting to introduce you to the primary contacts at the consulting companies and to review the projects with your staff. Please contact me at (415) 571-2468 if you have any questions concerning this letter.

Sincerely,

Kyle Christie

ALAMEDA COUNTY HEALTH DEPT.

Facility Number	City	Address	New Consulting Firm	ARCO Engineer	ARCO Engineer phone number
276	Oakland	10600 MacArthur Blvd.	Emcon	Mike Whelan	415-571-2449
347	Oakland	2751 High Street	Brown & Caldwell	Brad Jones	213-486-0681
374	Oakland	6407 Telegraph Avenue	Pacific Env. Group	Mike Whelan	415-571-2449
601	San Leandro	712 Lewelling Blvd.	Emcon	Mike Whelan	415-571-2449
771	Livermore	899 Rincon Avenue	Emcon	Mike Whelan	415-571-2449
2035	Albany	1001 San Pablo Avenue	Emcon	Mike Whelan	415-571-2449
2107	Oakland	3310 Park Blvd.	Pacific Env. Group	Mike Whelan	415-571-2449
2111	San Leandro	1156 Davis Street	Emcon	Mike Whelan	415-571-2449
2112	Alameda	1260 Park Street	Pacific Env. Group	Mike Whelan	415-571-2449
2152	Castro Valley	22141 Center Street	Pacific Env. Group	Mike Whelan	415-571-2449
2162	San Leandro	15135 Hesperian Blvd.	Pacific Env. Group	Mike Whelan	415-571-2449
2169	Oakland	889 West Grand Avenue	Emcon	Mike Whelan	415-571-2449
2185	Oakland	9800 East 14th Street	Emcon	Mike Whelan	415-571-2449
4494	Oakland	566 Hagenberger Road	Pacific Env. Group	Mike Whelan	415-571-2449
4931	Oakland	731 West MacArthur Blvd.	Pacific Env. Group	Mike Whelan	415-571-2449
6002	Oakland	6235 Seminary Avenue	Emcon	Mike Whelan	415-571-2449
6041	Dublin	7249 Village Parkway	Emcon	Mike Whelan	415-571-2449
6113	Livermore	785 East Stanley Blvd.	Emcon	Mike Whelan	415-571-2449
6148	Oakland	5131 Shattuck Avenue.	Emcon	Mike Whelan	415-571-2449
9908	Oakland	8255 San Leandro Blvd	Brown & Caldwell	Brad Jones	213-486-0681

Your Emcon contact is Mr. Jay Johnson.

Your Pacific Environmental Group contact is Mr. Greg Barclay

Your Brown & Caldwell contact is Mr. Ron Zurlinden

CONSULTANTS CONTACTS

Consultant Name	ARCO Program Manager (APM)	Technical Coordinator (TC)	Area	Administrative Coordinator (AC)
Brown & Caldwell	Mikk Anderson 150 So Arroyo Pkwy Pasadena, CA 91109 (818) 577-1020 Fax (818) 795-6016	Ron Zurlinden 9616 micro Ave Sacramento, CA 95813-3449 (916) 444-0123 --- Fax (916) 856-5277	NW	Mat Quinn 150 So Arroyo Pkwy Pasadena, CA 91109 (818) 577-1020 Fax (818) 795-6016
		Ron Halsey 16735 Von Karman, Suite 200 Irvine, CA 92714-4918 (714) 660-1070 --- Fax (714) 474-0940	SW	
		Mike Higman 9040 Frairs Rd, Suite 220 San Diego, CA 92108 (619) 528-9090 --- Fax (619) 528-9199	SW	
Delta	Jon Pesicka 27141 Aliso Creek Rd, Suite 270 Aliso Viejo, CA 92656 (714) 362-3077 Fax (714) 362-0290	Todd Galati 3330 Data Dr, Suite 100 Rancho Cordova, CA 95670 (916) 638-2085 --- Fax (916) 638-8385	NW	Debbie Fluckiger 27141 Aliso Creek Rd, # 270 Aliso Viejo, CA 92656 (714) 362-3077 Fax (714) 362-0290
		Jon Pesicka (714) 362-3077 --- Fax (714) 362-0290	SW	
Emcon	Jack Hardin 1921 Ringwood Ave San Jose, CA 95131-1721 (408) 453-7300 Fax (408) 437-9526	Rob Dixon 15055 SW Sequoia Pkwy, Suite 140 Portland, OR 97224-7712 (503) 624-7200 Fax (503) 620-7658	NW	Jeanette Memeo 1921 Ringwood Ave San Jose, CA 95131-1721 (408) 453-7300 Fax (408) 437-9526
		Jay Johnson 1433 N Ave Market Blvd. Sacramento, CA 95834-1943 (916) 928-3300 Fax (916) 928-3341	NW	

SEP-06-1994 10:13 PROJ: ENVIRON ENGINEERING IU 914100/12410 P.00

CONSULTANTS CONTACTS

Consultant Name	ARCO Program Manager (APM)	Technical Coordinator (TC)	Area	Administrative Coordinator (AC)
Emcon	Jack Hardin	Ric Morgan 120 Columbia, Suite 500 Aliso Viejo, CA 92656 (714) 362-1130 Fax (714) 362-1137	SW	Jeanette Memeo
Pacific Enviro Group	Debra Moser 2025 Gate Way Place, Suite 440 San Jose, CA 95110 (408) 441-7500 Fax (408) 441-7539	Greg Barclay 3050 Fite Circle, Suite 101 Sacramento, CA 95827 (916) 361-8091 --- Fax (916) 361-8094 Cleve Solomon 650 N Sierra Madre Villa, Suite 204 Pasadena, CA 91107 (818) 351-4814 -- Fax (818) 351-4822	NW SW	Norma Gutierrez 2025 Gate Way Place, Suite 440 San Jose, CA 95110 (408) 441-7500 Fax (408) 441-7539
Seacor	David Childs 1913 Volcanic Dr. Benton, AR 72015-2161 (501) 776-3400 Fax (501) 776-3053	Jim Ritchie 90 New Montgomery St, Suite 620 San Francisco, CA 94015-4503 (415) 882-1548 -- Fax (415) 882-4406 Kyle Emerson 1180 Nevada St, Suite 200 Redlands, CA 92374 (909) 335-6116 --- Fax (909) 335-6120 Bob Wilson 3485 Sacramento Dr, Suite A San Luis Obispo, CA 93401-7160 (805) 546-0455 --- Fax (805) 546-0583	NW SW SW	Cindy Malloy 1734 - 34th St Sacramento, CA 95816-7004 (916) 456-4333 Fax (916) 456-0110

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

March 18, 1994
StID # 3876

Mr. Michael Whelan
ARCO Products Company
P.O. Box 5811
San Mateo, CA 94402

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

**Re: Status of Investigation at ARCO Station 2185, 9800 E. 14th
St., Oakland CA 94603**

Dear Mr. Whelan,

Our office has received the March 10, 1994 response letter to my February 10, 1994 letter from RESNA. This letter follows our February 28th meeting at our office where we discussed the County's concerns in accepting Alternative Points of Compliance (APC) for this site. At that time, I agreed that the two off-site wells should be installed and could be used as the APC, compliance wells, while the wells on-site could be used as the trigger or guard wells. We also agreed that one additional on-site well should be installed in the northwest corner of the property. Given the physical constraints of the concrete planter area, a well as shown in Plate 2 of the March 10th letter is acceptable and is approved.

We also discussed what other items could be done to investigate this site. These items include:

1. Further record search of the neighboring sites to see if they had underground tanks, if the tanks were removed, if there was ever a reported fuel release at the site, etc. Because MW-7 appears to have been impacted by gasoline, this information is critical if another RP is being considered to be identified.
2. We discussed the use of fate-and-transport modeling to determine if the concentration of gasoline and BTEX in MW-7 would be consistent with concentrations being found onsite. Please use a public domain model when doing this.
3. We encouraged you to develop cleanup levels for the guard well and the APC well. Please support such concentrations with published data or by use of a risk assessment.
4. I mentioned that as part of the risk management of this site, you should develop a contingency plan and consider filing an indemnification letter with our office and the RWQCB. It may be premature at this time to perform items 3 and 4, however, items one and two should be done since it may be up to 22 weeks before the off-site wells are installed.

Mr. Michael Whelan
StID # 3876
9800 E. 14th St.
March 18, 1994
Page 2.

As you continue your quarterly monitoring and the installation of MW-10, it may become clear whether off-site migration has occurred and whether items 1 and 2 are necessary.

~~SB 3+4~~
You should keep our office updated as to your progress in installing the on-site and off-site wells and in complying with items 1 and 2 mentioned above.

Please contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: J. Young, RESNA, 3315 Almaden Expressway, Suite 34, San Jose,
CA 95118
E. Howell, files

4-9800E14

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

February 10, 1994
StID # 3876

Mr. Michael Whelan
ARCO Products Company
P.P. Box 5811
San Mateo, CA 94402

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

**Re: Comment on January 20, 1994 Work Plan for Record Search and
Additional Offsite Investigation at ARCO Station 2185, 9800
E. 14th St., Oakland CA 94603**

Dear Mr. Whelan:

Our office has received and reviewed the above referenced work plan as prepared by your consultant, RESNA. This work plan responded to my December 2, 1993 letter which requested additional information and work prior to accepting Alternative Points of Compliance (APC) for this site.

In response to RESNA's proposal our office has the following comments/requirements:

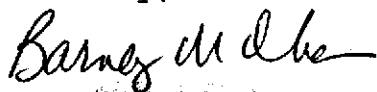
1. Step 1 of their proposal proposes a record search of the properties around the ARCO station to determine whether they previously had underground tanks. RESNA suggests that the contamination currently being found in the off-site well, MW-7, may be from prior tank activities at the adjacent site. Keep in mind, the mere presence of former tanks is not sufficient to implicate this site as the source of hydrocarbon contamination. You must provide subsurface soil and/or groundwater data to support this claim.
2. Step 3 of RESNA's proposal states that two additional wells will be installed on the two other parcels across the street from this site. Our office requests two additional wells be installed on the immediate north and west side of this site along 98th Ave. and E. 14th St. respectively. One of these wells should be continuously cored and logged to verify the absence of any sand stringers or other permeable lens. Recall that the compliance or trigger wells should be located, when at all possible, on the site. Please provide a map indicating the location of these additional wells. In addition, our office requests a specific contingency plan which will be implaced upon significant impact of the compliance wells.

Please provide written comment to this letter **within 30 days or
by March 14, 1994.**

Mr. Michael Whelan
StID # 3876
9800 E. 14th St.
February 10, 1994
Page 2.

You may contact me at (510) 271-4530 if you have any questions.

Sincerely,



Barney N. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
J. Young, RESNA, 3315 Almaden Expressway, Suite 34, San
Jose, CA 95118
E. Howell, files

3wpad9800

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

December 2, 1993
StID # 3876

Mr. Michael Whelan
ARCO Products Company
P. O. Box 5811
San Mateo, CA 94402

**Re: Status of Subsurface Investigation at ARCO Station 2185,
9800 E. 14th St., Oakland CA 94603**

Dear Mr. Whelan:

Our office has completed the review of the October 12, 1993 Report of Findings for the above referenced site. This report, prepared by Resna, summarizes the results following the installation of two additional on-site wells and one off-site well plus gives the pump test results using MW-3 as the pumping well. Clearly, the residual soil contamination around the former tank pit and dispenser islands is the source of significant groundwater contamination which is migrating off-site. Remediation alternatives are also discussed and "Alternative Points of Compliance" (APC) is concluded to be the most feasible remedial method.

Although it appears that vapor extraction, air sparging and groundwater pump and treat methods have been investigated, it seems premature to state that APC is the most appropriate remedial method, especially when the conditions of APC have not yet been met. Though the specifics of APC have not yet been adopted in the Basin Plan, the general concepts are outlined in the Basin Plan Amendments, adopted in October 1992. Assuming the specific requirements for APC remain unchanged from the Tentative Resolution, you will need to address the following concerns prior to proposing APC as your most feasible remedial method:

Complete site characterization data is necessary. The highly polluted source areas in the vadose zone and in the capillary fringe, for shallow water table conditions, must be removed to the extent feasible. Where plumes have migrated offsite, several compliance points could be considered, one at the property boundary and one at the plume boundary. Source removal must be to a level which adequately protects public health. Any compromise to groundwater quality must obtain the approval of the Regional Water Quality Control Board. Capping or slurry walls may be an effective means to limit migration. An acceptable plan is submitted for containing and managing the remaining risks posed by residual ground water pollution. This plan could

Mr. M. Whelan
StID # 3876, 9800 E. 14th St.
December 2, 1993
Page 2.

include institutional controls like a deed restriction and a commitment to mitigating measures, such as participation in a regional ground water monitoring program.

Based on the review of all reports and data for this site, the criteria of APC have not been met. Specifically, it is clear that one off-site well, currently on the west side of E. 14th St., does not adequately identify the limits of off-site contamination nor does it fully characterize the site given the varying groundwater gradient found at this site. The additional required wells constitute the added characterization and compliance points necessary for this site. Some type of contingency plan should be proposed to prevent an increase of dissolved constituents from passing the compliance point. Limited groundwater extraction or the installation of a slurry wall could be considered. Source removal may not adequately protect human health. Upon the completion of your site characterization, the potential risks of residual groundwater contamination may need to be investigated via a human health risk assessment. Specific risk management techniques will also be required when all other elements of APC are met.

Because of these conditions, you are requested to provide a work plan to further characterize this site **within 45 days or by January 20, 1994**. You should also provide written comment to the above mentioned items within your work plan.

You may contact me at (510) 271-4530 should you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
J. Young, Resna, 3315 Almaden Expressway, Suite 34, San
Jose, CA 95118
E. Howell, files

2wpad9800

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 12/30/92		CASE #		SIGNED _____ DATE 1/2/93	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT DELIA SAN PEDRO		PHONE (510) 407 2008		SIGNATURE <i>[Signature]</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME ARCO PRODUCTS COMPANY		
	ADDRESS P.O. BOX 6038 ARTESIA CA 90702 6038				
RESPONSIBLE PARTY	NAME ARCO PRODUCTS CO		CONTACT PERSON DELIA SAN PEDRO		PHONE (510) 407 2608
	ADDRESS P.O. BOX 6038 ARTESIA CA 90702 6038				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) ARCO FACILITY # 2185		OPERATOR OJA INC.		PHONE (510) 568-0590
	ADDRESS 2800 E. 14th St. OAKLAND CA 94612				
	CROSS STREET 18th				
IMPLEMENTING AGENCIES	LOCAL AGENCY ALAMEDA CO. ENV. HEALTH		CONTACT PERSON TIM SPATES		PHONE (510) 529-4700
	REGIONAL BOARD				
SUBSTANCES INVOLVED	(1) NAME GASOLINE (UNLEADED)			QUANTITY LOST (GALLONS) DRIPPING <input checked="" type="checkbox"/> UNKNOWN	
	(2) UNKNOWN				
DISCOVERY/ABATEMENT	DATE DISCOVERED 12/29/92		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>WIS. MET. INSPECTION</u>		
	DATE DISCHARGE BEGAN 12/29/92		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER <u>SHUT DOWN DISPENSER</u>		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 12/29/92				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> OTHER <u>DISPENSER</u>		CAUSE(S) <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> OTHER <u>DISPENSER</u>		
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input checked="" type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> OTHER (OT) <u>CALL CONTRACTOR FOR REPAIR</u>				
COMMENTS	SOME REPAIRS REQUIRED FOR LEAK UNDERNEATH FUEL DISPENSER.				

12/30/92 GASOLINE (ARCO)

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
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REPORT DATE 1/21/89	CASE # N/A
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REPORTED BY	NAME OF INDIVIDUAL FILING REPORT: T. Brighoni	PHONE (310) 467-609	SIGNATURE 	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ARCO Products Co.		
	ADDRESS P.O. Box 6038, Pittsfield, CA 90702-6038			

RESPONSIBLE PARTY	NAME ARCO Products	CONTACT PERSON T. Brighoni	PHONE (310) 467-2609
	ADDRESS P.O. Box 6038, Pittsfield, CA 90702-6038		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) # 2185	OPERATOR BDA Inc	PHONE (510) 568-3900	
	ADDRESS 2800 E. 14th St. Oakland, CA 94603			
	CROSS STREET 78th			

IMPLEMENTING AGENCIES	LOCAL AGENCY Alameda Co. Public Health	AGENCY NAME Alameda Co. Public Health	CONTACT PERSON Tim Spates	PHONE (510) 971-4300
	REGIONAL BOARD _____			

SUBSTANCES INVOLVED	(1) gasoline	QUANTITY LOST (GALLONS) 5 Gals	<input type="checkbox"/> UNKNOWN
	(2) _____		

DISCOVERY/ABATEMENT	DATE DISCOVERED 1/21/89	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER <u>Drive off</u>	<input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS
	DATE DISCHARGE BEGAN 1/21/89	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER <u>Shut down production line</u>	
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 1/21/89		

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> CORROSION <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> OTHER <u>Drive off</u>
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CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input checked="" type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)
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CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input checked="" type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> CLEANUP UNDERWAY
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REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> VACUUM EXTRACT (VE)	<input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input checked="" type="checkbox"/> OTHER (OT) <u>Employee cleanup</u>	<input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VENT SOIL (VS)
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COMMENTS
 with absorbent material and placed same in container in back of facility. Road Runner Contractor dispatched for maintenance cc: Kyle Christie - ARCO

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



ESB

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

December 7, 1992
STID # 3876

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

Mr. Michael Whelan
ARCO Products Company
P.O. Box 5811
San Mateo, CA 94402

**Re: Comment on the Work Plan for Additional Subsurface
Investigation at ARCO Station 2185, 9800 E.14th St.,
Oakland CA 94603**

Dear Mr. Whelan:

Our office has received and reviewed the November 25, 1992 work plan for additional subsurface investigation for the above ARCO site. As you are aware, this plan calls for the installation of two on-site wells and one off-site well, the analysis of selected soil samples from the well borings, the performing of a step draw-down pump test on MW-3 and additional records and well survey searches. Prior to initiating this work our office has the following concerns which need to be addressed:

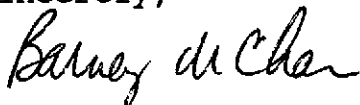
1. The additional wells are going to be used to determine the lateral and vertical extent of hydrocarbon contamination downgradient to the former service islands and former underground tanks. Assuming the gradient, as shown in this report, it appears that both MW-6 and MW-7 would be better located somewhat north of their proposed locations on Plate 5. Please comment on this observation.
2. Although the most significant groundwater impact appears to be near MW-3, our office is also concerned about the potential offsite migration of hydrocarbon contamination near MW-2. Please keep in mind that if the pump test performed on MW-3 does not show sufficient influence on MW-2, you should consider pumping from MW-2 as well. If neither well shows much lateral influence, another remediation method must be considered.

Please provide a written response to these issues prior to initiating this work plan.

Mr. Michael Whelan
STID # 3876
9800 E. 14th St.
December 7, 1992
Page 2.

You may contact me at (510) 271-4530 should you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: G. Jensen, Alameda County District Attorney Office
R. Hiett, RWQCB
J. Coffman, RESNA, 3315 Almaden Expressway, Suite 34,
San Jose, CA 95118
E. Howell, files
WP-9800E14

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input type="checkbox"/> NO	HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.
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REPORT DATE 06/18/92	CASE # 23985
--------------------------------	------------------------

REPORTED BY	NAME OF INDIVIDUAL FILING REPORT T. Brignoni	PHONE (310) 407-2609	SIGNATURE T. Brignoni	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER	COMPANY OR AGENCY NAME ARCO Products Company		
	ADDRESS 17315 Studebaker Rd., Cerritos, CA 90701			

RESPONSIBLE PARTY	NAME ARCO Products	CONTACT PERSON T. Brignoni	PHONE (310) 407-2609
	ADDRESS 17315 Studebaker Rd., Cerritos, CA 90701		

SITE LOCATION	FACILITY NAME (IF APPLICABLE) 2185	OPERATOR BJA Inc	PHONE 510 568-0590
	ADDRESS 9800 E 14th St. Oakland		CITY Alameda
	CROSS STREET 98th St.		COUNTY 94603

MAPPING/AGENCY ASSIGNED	LOCAL AGENCY Alameda Co. Public Health	CONTACT PERSON Tim Spates	PHONE (510) 771-4320
	REGIONAL BOARD _____		

SUBSTANCES INVOLVED	(1) NAME Gasoline	QUANTITY LOST (GALLONS) _____
	(2) _____	

DISCOVERY/CONTINGENT	DATE DISCOVERED 06/18/92	HOW DISCOVERED <input type="checkbox"/> TANK TEST <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SURFACE MONITORING <input type="checkbox"/> HERBACE CONDITIONS <input type="checkbox"/> UNKNOWN	<input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Visual	
	DATE DISCHARGE BEGAN 06/18/92	<input type="checkbox"/> UNKNOWN	METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER Shut down product line.	
	HAD DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 06/18/92			

SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FALLING <input type="checkbox"/> SPILL <input checked="" type="checkbox"/> OTHER leaky dispensers	CAUSE(S) <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN
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CASE TYPE	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)		
	Confined to company property		

CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION		
	<input type="checkbox"/> LEAK BEING CONTINUED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS		
	<input type="checkbox"/> REMEDIATION PLAN <input checked="" type="checkbox"/> CASE CLOSED (REPAIR COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY		

REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CS) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (BT)
	<input type="checkbox"/> CONTAMINANT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (PT) <input type="checkbox"/> REPLACE SUPPLY (RS)
	<input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NAR) <input type="checkbox"/> TREATMENT AT HOOKUP (HA) <input type="checkbox"/> VENT SOIL (VS)

COMMENTS
During calibration dispensers were found to have weeps. Contractor called for repair.



A RESNA Company

RESNA

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2435

June 2, 1992
0602BCHA
62026.01

Mr. Barney Chan
Alameda County Health Care Services Agency
Department of Environmental Health
80 Swan Way, Room 200
Oakland, California 94624

Subject: Response to letter dated May 5, 1992, concerning review of the work plan (ROUX Associates, December 18, 1991) for proposed work at ARCO Station 2185, 9800 East 14th Street, Oakland, California.

Dear Mr. Chan:

We are in receipt of your letter referenced in the subject above. At the request of ARCO Products Company, RESNA Industries will be conducting the subsurface environmental investigation outlined in the subject work plan. A site safety plan is currently being prepared for the work at the site and the work will be scheduled to commence soon. ?

We request that the offsite phase of work at this site you requested in your letter be delayed pending results of the initial investigation including installation of monitoring wells at the site. As there are currently no existing groundwater monitoring wells at the site, the groundwater gradient and flow direction and groundwater quality beneath the site can not be determined. We want to verify the groundwater gradient and flow direction and assess the onsite groundwater quality before locations of offsite wells are proposed. In many instances, the **assumed** direction of groundwater flow has been found to not correspond with the **actual** direction of groundwater flow at a site once monitoring wells are installed and properly surveyed.

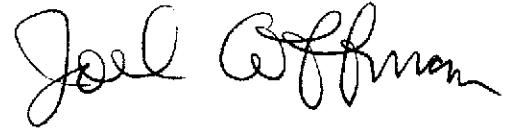
Additionally, we will be submitting a work plan in which installation of a groundwater recovery well and performance of an aquifer pump test will be proposed. The location and well construction details for the recovery well will be determined by the results of the initial onsite investigation including sieve analysis results of soil samples and analytical results of soil and groundwater samples collected from onsite borings/wells.

Response to Letter
ARCO Station 2185, Oakland, California

June 2, 1992
62026.01

If you have any questions or comments, please call us at (408) 264-7723. Thank you.

Sincerely,
RESNA Industries



Joel Coffman
Project Geologist

cc: Michael Whelan, ARCO
Chris Winsor, ARCO
John Meck, ARCO legal
R. Hiatt, RWQCB

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Assistant Agency Director

May 5, 1992
STID # 3876

Mr. Mike Whelan
Arco Environmental Compliance Section
2000 Alameda de las Pulgas
San Mateo, CA 94403

DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Division
80 Swan Way, Rm. 200
Oakland, CA 94621
(510) 271-4320

Re: Review of Site Investigation Work Plan for ARCO Facility No.
2185, 9800 E. 14th St., Oakland 94603

Dear Mr. Whelan:

Our office has received and reviewed the Site Investigation Work Plan dated December 18, 1991 for the above location, prepared by Roux Associates. The plan calls for the installation of four (4) monitoring wells and subsequent soil and groundwater analysis. The proposed initiation of this work is scheduled for when the installation of the new underground tanks is complete.

Although in a previous meeting with Mr. Chuck Carmel and Paul Supple of Roux, the County relented to the their request to initiate an investigation after the installation of the new tanks, it appears that the locations of the proposed monitoring wells would not interfere with the installation of the tanks. Presently, the new tanks have been installed and are awaiting a final inspection prior to issuance of an operating permit. No further excavation is likely to be needed for the tank installations, therefore the installation of the monitoring wells can and should proceed immediately.

The County also recommends the initiation of offsite permit application for the installation of additional wells. This is requested because of the expected groundwater gradient and the closeness of contaminated soils to the border of the property.

You may contact me at (510) 271-4320 should you have any questions regarding this letter.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

cc: M. Thomson, Alameda County District Attorney Office
P. Supple, Roux Associates
R. Hiett, RWQCB
WP-9800E14

File

Date reported: 8/8/91

Atlantic Richfield Co.
P.O. Box 2485
Los Angeles CA 90051
Arco Compliance Section
2000 Alameda de las Pulgas
San Mateo CA 94403
Attn: M. Whelan

DATE: 4/9/92
TO : Local Oversight Program
FROM: Barney
SUBJ: Transfer of Eligible Oversight Case

Site name: Arco Station # 2185
Address: 9800 E 14th St city Oakland zip 94603
Closure plan attached? Y N DepRef remaining \$ 0
DepRef Project # 5020 A STID #(if any) ~~3875~~ 3876
Number of Tanks: 3 removed? Y N Date of removal 10/30/91
Samples received? Y N Contamination: gasoline, soil & GW
Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents
Monitoring wells on site none yet Monitoring schedule? Y N N/A
LUFT category 1 2 3 * H S C A R W G O
Briefly describe the following:
Preliminary Assessment _____
Remedial Action _____
Post Remedial Action Monitoring _____
Enforcement Action _____

In an Aug 8, 1991 preliminary tank replacement assessment which installed borings around the tank pit, Rmx Associates, reported conc of TPH6 of 200, 350 & 110 ppm in borings @ 10' depth
On 10/30/91 BUST's were removed. The pit was overexcavated to all extent possible laterally + vertically to GW ~ 16'. Considerable TPHg left in place (up to 1,100 ppm SW-7). French samples also indicate contamination. Depth in place under former NW dispenser area as high as 5400 ppm TPHg. Arco proposes borings after installation of new tanks. Should propose some type of active remediation + MW installation

4/23/92
Called Don Moore (Seaco)
received GR updates of Arco.

April 13, 1992

92 APR 15 PM 3:00

Ms. Susan Hugo
Alameda County Department of Environmental Health
80 Swan Way
Oakland, California 94621

ARCO Products Company Facilities in Alameda County

Dear Ms. Hugo:

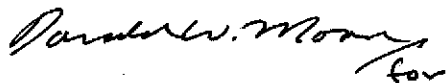
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the first quarter of 1992; also included are projected site activities for the second quarter of 1992 and a bibliography of reports submitted for each location.

The QSRs are classified by city and address within Alameda County. We are submitting this document and attached QSRs as agreed. Please note that we are forwarding copies of the QSRs to the Regional Water Quality Control Board (RWQCB).

Please note that ARCO Products Company has reviewed the RWQCB's February 19, 1991 printout of ARCO fuel leak sites. We have evaluated each site with respect to ARCO's responsibility for investigation, monitoring, and/or remediation. Those locations for which ARCO is not responsible were listed and described in the QSR package delivered to you on July 15, 1991. The attached QSRs therefore represent only those locations for which ARCO is responsible.

ARCO is planning a subsequent comprehensive QSR submittal for ARCO sites on July 15, 1992. Please do not hesitate to contact us with any questions regarding this submittal.

Sincerely yours,



Kyle A. Christie
Environmental Engineer

Attachments: ARCO Facility QSRs

UST LEAK Date of Last
SITE UPDATE Review/Update December 31, 1991

Current
Date March 20, 1992

SITE IDENTIFICATION

Name ARCO SERVICE STATION #2185 Case No. _____
Address ~~8800 East 14th Street~~
Street Number _____ Street _____
Oakland _____ 94603
City _____ Zip Code _____
Alameda _____ Substance Gasoline
County _____
Local Agency Alameda County Department of Environmental Health
Regional Board San Francisco Bay Region

LEAD STAFF PERSON Barney Chan - Alameda County

CASE TYPE

Undetermined _____ Soil Only xx _____ Ground Water _____ Drinking Water _____

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date	_____
_____	Leak Being Confirmed	Date	_____
<u>xx</u>	Preliminary Site Assessment Workplan Submitted	Date	<u>12/18/91</u>
<u>xx</u>	Preliminary Site Assessment Underway	Date	<u>5/14/91</u>
_____	Pollution Characterization	Date	_____
_____	Remediation Plan	Date	_____
_____	Remedial Action Underway	Date	_____
_____	Post Remedial Action Monitoring	Date	_____
_____	Case Referred to Regional Board	Date	_____
_____	Case Referred to Dept. of Health Services	Date	_____
_____	Case Closed	Date	_____

COMMENTS

MILESTONES:

5/91 - Preliminary Site Assessment.
10/91 - Old underground storage tanks removed.

RECENT ACTIVITIES/FINDINGS:

Tank replacement activities continued through the first quarter, 1992.

ANTICIPATED

ACTIVITIES:

ARCO will conduct an investigation to determine the extent of soil and water contamination at the site.

ARCO FACILITY #2185

Report	Date	Consultant
Preliminary Tank Replacement Assessment	8/8/91	Roux Associates
Site Investigation Work Plan	12/18/91	Roux Associates

January 14, 1992

92 JAN 15 PM 2:17

Mr. Edgar Howell
Alameda County Department of Environmental Health
80 Swan Way
Oakland, California 94621

ARCO Products Company Facilities in Alameda County

Dear Mr. Howell:

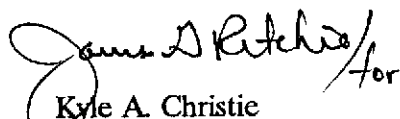
Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the fourth quarter of 1991; also included are projected site activities for the first quarter of 1992 and a bibliography of reports submitted for each location.

The QSRs are classified by city and address within Alameda County. We are submitting this document and attached QSRs as agreed. Please note that we are forwarding copies of the QSRs to the Regional Water Quality Control Board (RWQCB).

Please note that ARCO Products Company has reviewed the RWQCB's February 19, 1991 printout of ARCO fuel leak sites. We have evaluated each site with respect to ARCO's responsibility for investigation, monitoring, and/or remediation. Those locations for which ARCO is not responsible were listed and described in the QSR package delivered to you on July 15, 1991. The attached QSRs therefore represent only those locations for which ARCO is responsible.

ARCO is planning a subsequent comprehensive QSR submittal for ARCO sites on April 15, 1992. Please do not hesitate to contact us with any questions regarding this submittal.

Sincerely yours,


for
Kyle A. Christie
Environmental Engineer

Attachments: ARCO Facility QSRs

UST LEAK Date of Last Current
SITE UPDATE Review/Update September 30, 1991 Date December 31, 1991

SITE IDENTIFICATION

Name ARCO SERVICE STATION #2185 Case No. _____
Address 9800 East 14th Street
Street Number Street
Oakland 94603
City Zip Code
Alameda Substance _____
County
Local Agency Alameda County Department of Environmental Health
Regional Board San Francisco Bay Region

LEAD STAFF PERSON Paul Supple

CASE TYPE

Undetermined _____ Soil Only xx Ground Water _____ Drinking Water _____

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date	_____
_____	Leak Being Confirmed	Date	_____
<u>xx</u>	Preliminary Site Assessment Workplan Submitted	Date	12/18/91
<u>xx</u>	Preliminary Site Assessment Underway	Date	5/14/91
_____	Pollution Characterization	Date	_____
_____	Remediation Plan	Date	_____
_____	Remedial Action Underway	Date	_____
_____	Post Remedial Action Monitoring	Date	_____
_____	Case Referred to Regional Board	Date	_____
_____	Case Referred to Dept. of Health Services	Date	_____
_____	Case Closed	Date	_____

COMMENTS

MILESTONES:

ARCO drilled and sampled four soil borings at the Site in May, 1991. The purpose of these soil borings was to evaluate potential levels of petroleum hydrocarbons in soil prior to planned replacement of the underground storage tanks at the Site. Soil in the vicinity of the underground storage tanks have been impacted by petroleum hydrocarbons. Concentrations of total petroleum hydrocarbons as gasoline detected in soil ranged from not detected to 350 mg/kg.

Please refer to the attached page for a listing of previously submitted reports which document Site history.

RECENT ACTIVITIES/FINDINGS:

ARCO removed the existing single-walled underground storage tanks and product lines in November 1991. A Site Assessment Work Plan was submitted to Alameda County on 12/18/91.

ANTICIPATED

ACTIVITIES:

Replacement of underground storage tank will continue.

ARCO FACILITY #2185

Report	Date	Consultant
Preliminary Tank Replacement Assessment	8/8/91	Roux Associates
Site Investigation Work Plan	12/18/91	Roux Associates

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

December 11, 1991

Mr. Chuck Carmel
Arco- Environmental Compliance Section
2000 Alameda de las Pulgas
San Mateo, Ca 94403

Re: Status of the Underground Tank Removals and Replacements at
Arco #2185, 9800 E. 14th St., Oakland CA 94603

Dear Mr. Carmel:

This letter serves to comment on the results of the November 19, 1991 meeting our office had with you and Mr. Paul Supple of Roux Associates. The letter also serves as written approval to backfill the former tank and dispenser pit areas with clean fill. It was acknowledged that considerable gasoline and BTEX contamination exists in these areas and that further excavation was not the best approach due to the unknown limits of contamination. It was agreed that after an initial investigation consisting of installation of soil borings and monitoring wells along with soil and ground water analysis and a ground water pump test, a more detailed remediation plan will be developed to encompass the entire site. Mr. Supple stated that the initial Work Plan would be submitted to our office by December 18, 1991.

The County would like to complete the removal/installation project at this site concurrently with the assessment and remediation of the subsurface soils and ground water. To this end, the timely submission of your initial and subsequent Work Plans is critical along with the timely completion of these specific items. Arco's current approach of updating work performed at their various sites will help us follow the progress of these goals.

Sincerely,

Barney M. Chan, Hazardous Materials Specialist

cc: M. Thomson, Alameda County District Attorney Office
P. Supple, Roux Associates
E. So, RWQCB

1-9800E14Arco #5

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621
(415)

December 4, 1991

Mr. Chuck Carmel
Arco- Environmental Compliance Section
2000 Alameda de las Pulgas
San Mateo, Ca 94403

Re: Status of the Underground Tank Removals and Replacements at
Arco #2185, 9800 E. 14th St., Oakland CA 94603

Dear Mr. Carmel:

This letter serves to comment on the results of the November 19, 1991 meeting our office had with you and Mr. Paul Supple of Roux Associates. The letter also serves as written approval to backfill the former tank and dispenser pit areas with clean fill. It was acknowledged that considerable gasoline and BTEX contamination exists in these areas and that further excavation was not the best approach due to the unknown limits of contamination. It was agreed that after an initial investigation consisting of installation of soil borings and monitoring wells along with soil and ground water analysis and a ground water pump test, a more detailed remediation plan will be developed to encompass the entire site. Mr. Supple stated that the initial Work Plan would be submitted to our office by December 18, 1991.

The County would like to complete the removal/installation project at this site concurrently with the assessment and remediation of the subsurface soils and ground water. To this end, the timely submission of your initial and subsequent Work Plans is critical along with the timely completion of these specific items. Arco's current approach of updating work at their various sites will help to follow the progress of these goals.

You were also requested to submit an Underground Tank Unauthorized Release (Leak)/ Contamination Site Report at the meeting. The County has yet to receive this completed form. Enclosed please find a blank copy of this form. You may contact me at (510) 271-4320 should you have any questions.

Sincerely,

Barney M. Chan, Hazardous Materials Specialist

enclosure

cc: M. Thomson, Alameda County District Attorney Office
P. Supple, Roux Associates
E. So, RWQCB 1-9800E14Arco #5

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Arco 2185 Today's Date 11/6/91
 Site Address 9800 E14th EPA ID# _____
 City Oak Zip 94621 Phone _____

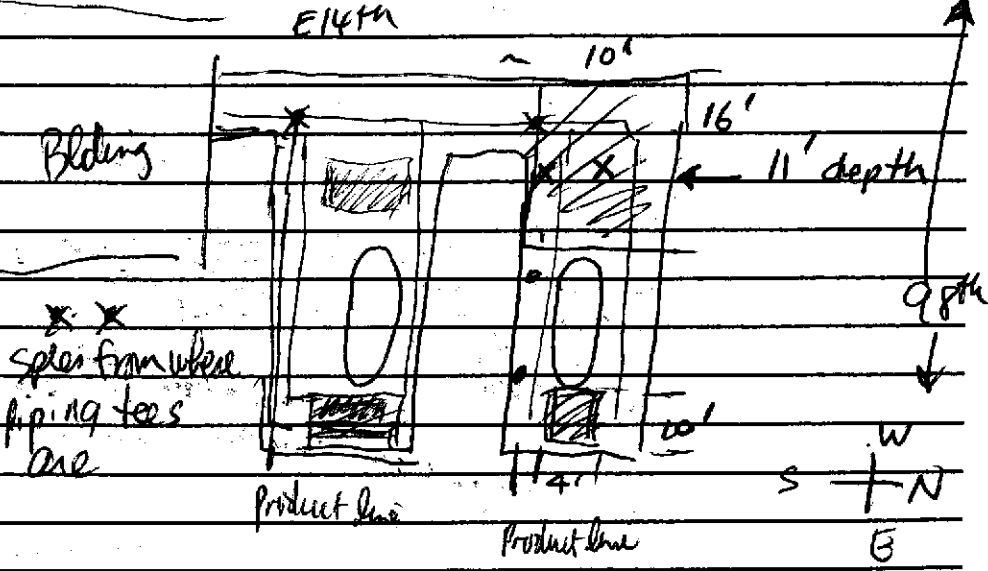
MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

- Inspection Categories:**
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - II. Business Plans, Acute Hazardous Materials
 - III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

- I.A GENERATOR (Title 22)**
- ___ 1. Waste ID * 66471
 - ___ 2. EPA ID 66472
 - ___ 3. > 90 days 66508
 - ___ 4. Label dates 66508
 - ___ 5. Biennial 66493
-
- Manifest**
- ___ 6. Records 66492
 - ___ 7. Correct 66484
 - ___ 8. Copy sent 66492
 - ___ 9. Exception 66484
 - ___ 10. Copies Rec'd 66492
-
- Misc.**
- ___ 11. Treatment 66371
 - ___ 12. On-site Disp. (H.S.&C.) 26189.5
 - ___ 13. Ex Haz. Waste 66570
-
- Prevention**
- ___ 14. Communications 67121
 - ___ 15. Aisle Space 67124
 - ___ 16. Local Authority 67126
 - ___ 17. Maintenance 67120
 - ___ 18. Training 67105
-
- Contingency**
- ___ 19. Prepared 67140
 - ___ 20. Name List 67141
 - ___ 21. Copies 67141
 - ___ 22. Emg. Coord. Trng. 67144
-
- Containers, Tanks**
- ___ 23. Condition 67241
 - ___ 24. Compatibility 67242
 - ___ 25. Maintenance 67243
 - ___ 26. Inspection 67244
 - ___ 27. Buffer Zone 67246
 - ___ 28. Tank Inspection 67259
 - ___ 29. Containment 67245
 - ___ 30. Safe Storage 67261
 - ___ 31. Freeboard 67257
-
- I.B TRANSPORTER (Title 22)**
- ___ 32. Applic./Insurance 66428
 - ___ 33. Comp. Cert./CHP Insp. 66448
 - ___ 34. Containers 66465
-
- Manifest**
- ___ 35. Vehicles 66465
 - ___ 36. EPA ID #s 66531
 - ___ 37. Correct 66541
 - ___ 38. HW Delivery 66543
 - ___ 39. Records 66544
-
- Cont's**
- ___ 40. Name/ Covers 66545
 - ___ 41. Recyclables 66800

Comments: Paralysis - (2) ~ 1 hr
 Raux - (1)
 Reinspect after one excavation @ pump & islands. Still gas odor in NW pit, NE pit + SE pit
 In NW pit a floor sple S-sidewall ~ 7.5', W-sidewall ~ 7.5' & N-sidewall ~ 8' (at clay-silty ^{sand} interface) clay ~ top 6', E-sidewall ~ 8' depth (odor present), floor sple @ NE pit (odor) ~ 10' depth
 Floor sple from SE pit (west) side - slight odor.



(1) product line soil sple

Contact: _____
 Title: _____
 Signature: _____

Inspector: B. Chen
 Signature: _____

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

Hazardous Materials Division Inspection Form

Site ID# _____ Site Name Arco Station Today's Date 11/5/91
 Site Address 9800 E14th EPA ID# _____
 City Oak Zip 94621 Phone _____

MAX Amt. Stored > 500lbs/55g/200cf? Y N
 Hazardous Waste generated per month? _____

- Inspection Categories:**
 I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 II. Business Plans, Acute Hazardous Materials
 III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A. GENERATOR (Title 22)

- | | | |
|-------|-----------------------------|---------|
| ___ | 1. Waste ID | * 66471 |
| ___ | 2. EPA ID | 66472 |
| ___ | 3. > 90 days | 66508 |
| ___ | 4. Label dates | 66508 |
| ___ | 5. Biennial | 66493 |
| <hr/> | | |
| ___ | 6. Records | 66492 |
| ___ | 7. Correct | 66484 |
| ___ | 8. Copy sent | 66492 |
| ___ | 9. Exception | 66484 |
| ___ | 10. Copies Rec'd | 66492 |
| <hr/> | | |
| ___ | 11. Treatment | 66371 |
| ___ | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| ___ | 13. Ex Haz. Waste | 66570 |
| <hr/> | | |
| ___ | 14. Communications | 67121 |
| ___ | 15. Aisle Space | 67124 |
| ___ | 16. Local Authority | 67126 |
| ___ | 17. Maintenance | 67120 |
| ___ | 18. Training | 67105 |
| <hr/> | | |
| ___ | 19. Prepared | 67140 |
| ___ | 20. Name List | 67141 |
| ___ | 21. Copies | 67141 |
| ___ | 22. Emg. Coord. Trng. | 67144 |
| <hr/> | | |
| ___ | 23. Condition | 67241 |
| ___ | 24. Compatibility | 67242 |
| ___ | 25. Maintenance | 67243 |
| ___ | 26. Inspection | 67244 |
| ___ | 27. Buffer Zone | 67246 |
| ___ | 28. Tank Inspection | 67259 |
| ___ | 29. Containment | 67245 |
| ___ | 30. Safe Storage | 67261 |
| ___ | 31. Freeboard | 67257 |

Comments: 2:00pm - 4:00 2 hrs
 Observe piping trench samples w/
 Paradise & Greg Murphy of Roux
 E14th
 Tank pit (sidewalls already spld after over excavation)

98th Ave

3 piping left under blding

Blding

Prod

vent

Sple taken @ 4 1/2' W initial piping depth Prod 2 1/2' S + N E

Went ~2' deeper (6 1/2') & it still had an odor.

X - piping runs Sple

over excavation

I.B. TRANSPORTER (Title 22)

- | | | |
|-------|---------------------------|-------|
| ___ | 32. Applic./Insurance | 66428 |
| ___ | 33. Comp. Cert./CHP Insp. | 66448 |
| ___ | 34. Containers | 66465 |
| <hr/> | | |
| ___ | 35. Vehicles | 66465 |
| ___ | 36. EPA ID #s | 66531 |
| ___ | 37. Correct | 66541 |
| ___ | 38. HW Delivery | 66543 |
| ___ | 39. Records | 66544 |
| <hr/> | | |
| ___ | 40. Name/ Covers | 66545 |
| ___ | 41. Recyclables | 66800 |

over excavation in the shaded area in NW corner because Arco had a gas odor. Qualitative odor noticed in NW, NE, + SE sections of the island.

In island area ~2' below piping is dark clay material which could slow down the migration SE corner significant odor exist & over excavation required dug down 6 1/2' - 7' & still had odor

In NE location, gas odor @ 4' depth & ~9.5'

Rev 6/88

Contact: _____ Title: _____ Signature: _____

Inspector: B Chan Signature: _____

ARCO Products Company
2000 Alameda de las Puigas
Mailing Address: Box 5811
San Mateo, California 94402
Telephone 415 571 2400



November 7, 1991

COUNTY OF ALAMEDA DEPT.
HAZARDOUS MATERIALS DIVISION
Mr. Ed Howell
80 Swan Way Room # 200
Oakland, CA 94621

**SUBJECT: ARCO Facility # 2185
9800 East 14th. Street
Oakland, CA 94603**

Enclosed is an Underground Storage Tank Unauthorized Release
(Leak) / Contamination Site Report for the above ARCO facility. Please distribute
the report as noted in the instructions.

Should you have any questions or comments regarding this matter, please do not
hesitate to call me at (415) 571-2434.

Sincerely,


Bernetta Wess

Bernetta Wess
Environmental Administrative Assistant

enc.

91 DEC 10 11:12:04

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 86507 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE: 11/07/91		CASE # 20263			
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT: Bernette Weks		PHONE: (615) 571-2434		SIGNATURE: 
	REPRESENTING: <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME: ARCO Products Company		
RESPONSIBLE PARTY	ADDRESS: P.O. Box 5811 San Mateo, CA 94402				
	NAME: ARCO Products Company <input type="checkbox"/> UNKNOWN		CONTACT PERSON: Kyle Christie		PHONE: (615) 571-2434
SITE LOCATION	ADDRESS: P.O. Box 5811 Attn: Kyle Christie San Mateo, CA 94402				
	FACILITY NAME (IF APPLICABLE): ARCO Facility #2185		OPERATOR: BJA Inc.		PHONE: (610) 568-6590
	ADDRESS: 9800 East 14th. St., Oakland (ALAMEDA) CA 94603				
APPLICATING AGENCIES	LOCAL AGENCY: Hazardous Materials Division		CONTACT PERSON: Ed Howell		PHONE: (919) 271-4320
	REGIONAL BOARD: Alameda County Region		CONTACT PERSON: Richard Hestt		PHONE: (415) 464-1255
SUBSTANCE INVOLVED	CI: Gasoline		NAME:		QUANTITY LOST (GALLONS): <input checked="" type="checkbox"/> UNKNOWN
	CI:		NAME:		QUANTITY LOST (GALLONS): <input type="checkbox"/> UNKNOWN
DISCOVERY/MAINTENANCE	DATE DISCOVERED: 11/06/91		HOW DISCOVERED: <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN: <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY): <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPES <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER: REMOVE TANKS		
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO (EYES DATE)				
SOURCE/CAUSE	SOURCE OF DISCHARGE: <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		CAUSE: <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FALLING <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	<input type="checkbox"/> POND LEAK				
DRAIN TYPE	CHECK ONE ONLY: <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY: <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input checked="" type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST-CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE-CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) WITH INSTRUCTIONS: <input type="checkbox"/> EXCAVATE & DEPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO/DEGRADATION (BT) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY PIPES <input checked="" type="checkbox"/> CONTAMINANT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT TANK (TA) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VAPOR EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
COMMENTS	ARCO notified of contamination during tank removal on 11/07/91. Gasoline contaminated soil was discovered during removal of the product tanks & product lines. Majority of contaminated soil was excavated. Site assessment to be performed.				

ARCO Products Company
2000 Alameda de las Pulgas
Mailing Address: Box 5811
San Mateo, California 94402
Telephone 415 571 2400



Date: October 14, 1991

Re: ARCO Station #

" I declare, that to the best of my knowledge at the present time, that the information and/or recommendations contained in the attached proposal or report are true and correct."

Submitted by:

Kyle A. Christie
Environmental Engineer

91 OCT 15 PM 2:29

October 14, 1991

Alameda County Department of Environmental Health
80 Swan Way
Oakland, California 94621

Attention: Mr. Edgar Howell

ARCO Products Company Facilities in Alameda County

Dear Mr. Howell:


Please find attached, Quarterly Summary Reports (QSRs) for ARCO Products Company Service Stations in Alameda County. The QSRs summarize activities conducted by ARCO at the respective sites during the third quarter of 1991; also included are projected site activities for the fourth quarter of 1991 and a bibliography of reports submitted for each location.

The QSRs are classified by County and by address within the County. We are submitting this document and attached QSRs as previously agreed. Please note that we are forwarding copies of the QSRs to the Regional Water Quality Control Board (RWQCB).

Please also note that ARCO Products Company has reviewed the RWQCB's February 19, 1991 printout of ARCO fuel leak sites. We evaluated each site with respect to ARCO's responsibility for investigation, monitoring, and/or remediation. Those locations for which ARCO is not responsible were listed and described in the QSR package delivered to you on July 15, 1991. The attached QSRs therefore represent only those locations for which ARCO is responsible.

ARCO is planning a subsequent QSR submittal for ARCO sites on January 15, 1992. Please do not hesitate to contact me with any questions regarding this submittal.

Sincerely,


Kyle A. Christie
Environmental Engineer

Attachments:
ARCO Facility QSRs

UST LEAK Date of Last Current
SITE UPDATE Review/Update 8/27/91 Date 9/30/91

SITE IDENTIFICATION

Name ARCO PRODUCTS COMPANY FACILITY NO. 2185 Case No. _____
Address 9800 EAST 14TH STREET
Street Number OAKLAND Street _____ Zip Code 94603
City ALAMEDA Substance GASOLINE
County _____
Local Agency ALAMEDA COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH
Regional Board SAN FRANCISCO BAY REGION

LEAD STAFF PERSON _____

CASE TYPE

Undetermined Soil Only _____ Ground Water _____ Drinking Water _____

STATUS (Date indicates when case moved into status)

_____	No Action Taken	Date	_____
_____	Leak Being Confirmed	Date	_____
_____	Preliminary Site Assessment Workplan Submitted	Date	_____
<input checked="" type="checkbox"/>	Preliminary Site Assessment Underway	Date	<u>5/14/91</u>
_____	Pollution Characterization	Date	_____
_____	Remediation Plan	Date	_____
_____	Remedial Action Underway	Date	_____
_____	Post Remedial Action Monitoring	Date	_____
_____	Case Referred to Regional Board	Date	_____
_____	Case Referred to Dept. of Health Services	Date	_____
_____	Case Closed	Date	_____

COMMENTS
MILESTONES:

Please refer to the attached page for a listing of previously submitted reports which document Site history.

RECENT ACTIVITIES/FINDINGS:

ARCO drilled and sampled four soil borings at the Site in May, 1991. The purpose of these soil borings was to evaluate potential levels of petroleum hydrocarbons in soil prior to planned replacement of the underground storage tanks at the Site. Soil in the vicinity of the underground storage tanks have been impacted by petroleum hydrocarbons. Concentrations of total petroleum hydrocarbons as gasoline detected in soil ranged from not detected to 350 mg/kg.

ANTICIPATED ACTIVITIES:

Report

Date

Consultant

Preliminary Tank Replacement Assessment

8/8/91 Roux Associates

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
DEPARTMENT OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS DIVISION
80 SWAN WAY, ROOM 200
OAKLAND, CA 94621
PHONE NO. 415/271-4320

592419
10/14/79
H.S.

Project Specialist (print) Barney Chan

Need H+S info.
8/7/91 Below
OK providing the submitted
H+S info

ACCEPTED

DEPARTMENT OF ENVIRONMENTAL HEALTH
470 - 27th Street, Third Floor
Oakland, CA 94612
Telephone: (415) 874-7237

These plans have been reviewed and found to be acceptable and essentially meet the requirements of State and local health laws. Changes to your plans indicated by this Department are to assure compliance with this and local laws. The project proposed herein is now released for issuance of any required building permits for construction. One copy of these accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Plans or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspection Department to determine if such changes meet the requirements of State and local laws. Following required inspections:

- _____ Removal of Tank and Piping
 - _____ Sampling
 - _____ Final Inspection
- Issuance of a permit to operate is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

UNDERGROUND TANK CLOSURE PLAN

*** * * Complete according to attached instructions * * ***

1. Business Name ARCO AM/PM Mini-Market
Business Owner Atlantic Richfield Company
 2. Site Address 9800 East 14th Street
City Oakland CA Zip 94603 Phone 415-568-0590
 3. Mailing Address Same
City _____ Zip _____ Phone _____
 4. Land Owner Atlantic Richfield Company
Address 2000 Alameda de las Pulgas City, State San Mateo, CA Zip 94403
 5. Generator name under which tank will be manifested Atlantic Richfield Company
- EPA I.D. No. under which tank will be manifested CAL000027976

6. Contractor Gettler-Ryan Paradise
Address 2150 West Winton Avenue G St
City Hayward, CA 94545 Oak 94621 Phone 415-783-7500
License Type B/C61/D40 ID# 94-155-1136

7. Consultant Barghausen Consulting Engineers
Address 4612 Roseville Road, Suite 103
City North Highlands, CA 995660 Phone 916-348-3057

8. Contact Person for Investigation
Name Paul Wilton Title Design Engineer
Phone 916-348-3057

9. Number of tanks being closed under this plan 4
Length of piping being removed under this plan 160' x 4 pipes
Total number of tanks at facility 4

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

**** Underground tanks are hazardous waste and must be handled **
as hazardous waste**

a) Product/Residual Sludge/Rinsate Transporter

Name H&H Ship Service Co. EPA I.D. No. CAD 004771168
Hauler License No. 0334 License Exp. Date 1-31-92
Address 220 China Basin Street
City San Francisco State CA Zip 94107

b) Product/Residual Sludge/Rinsate Disposal Site

Name same as above EPA I.D. No. _____
Address _____
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name same as above EPA I.D. No.
Hauler License No. License Exp. Date
Address
City State Zip

d) Tank and Piping Disposal Site

Name same as above EPA I.D. No.
Address
City State Zip

11. Experienced Sample Collector

Name ~~Dave Byron~~ ^{Todd Ramsden} Greg Murphy Roux Associates
Company ~~Gettler Ryan Inc.~~
Address ~~2150 Winton Avenue~~
City Hayward State CA Zip 94545 Phone 415-783-7500

12. Laboratory

Name ~~IT Analytical Labs~~ ^{Sequoia Lab}
Address ~~2055 Junction Avenue~~
City San Jose State CA Zip 95030
State Certification No. 137

13. Have tanks or pipes leaked in the past? Yes [] No []

If yes, describe. UNKNOWN

14. Describe methods to be used for rendering tank inert

dry ice 10-15# / 1000 gal

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be plugged.

The Bay Area Air Quality Management District (771-6000), along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of explosion proof combustible gas meters to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas meter on site to verify tank inertness.

15. Tank History and Sampling Information

Tank		Material to be sampled (tank contents, soil, ground-water, etc.)	Location and Depth of Samples
Capacity	Use History (see instructions)		
UNL. 10,000 GAL	INSTALLED 2-73	WATER IF ENCOUNTERED SOIL SOIL	* SEE ATTACHED SOIL SAMPLING METHODS AT EACH END OF TANK 1-2' INTO NATIVE
REG. 10,000 GAL	" "		
SUP. 8,000 GAL	" "		

* One soil sample must be collected for every 20 feet of piping that is removed. A ground water sample must be collected should any ground water be present in the excavation.

Excavated/Stockpiled Soil	
Stockpiled Soil Volume (Estimated)	Sampling plan 1/20 cu yds for reuse

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

16. Chemical methods and associated detection limits to be used for analyzing samples

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

Contaminant Sought	EPA, DHS, or Other Sample Preparation Method Number	EPA, DHS, or Other Analysis Method Number	Method Detection Limit
Reg	TPH g 5030 BTEX 8020 Total Lead	GC/FID GC/PID AAO ICAP	1 ppm 5 ppb
Unl + Susp.	TPH g 5030 BTEX 8020	GC/AO GC/PID	

17. Submit Site Health and Safety Plan (See Instructions)

18. Submit Worker's Compensation Certificate copy

Name of Insurer Republic Indemnity

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

I understand that information in addition to that provided above may be needed in order to obtain an approval from the Department of Environmental Health and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

Paradise

Name (please type) David Byron -- ~~Gettler Ryan~~

Signature *David Byron*

Date 4/25/91

Signature of Site Owner or Operator

Name (please type) Ron Knutson -- Atlantic Richfield Company

Signature *Ron Knutson*

Date 4/25/91

18. Submit Worker's Compensation Certificate copy

Name of Insurer Republic Indemnity

19. Submit Plot Plan (See Instructions)

20. Enclose Deposit (See Instructions)

21. Report any leaks or contamination to this office within 5 days of discovery. The report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report form. (see Instructions)

22. Submit a closure report to this office within 60 days of the tank removal. This report must contain all the information listed in item 22 of the instructions.

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Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

*Signature of Contractor

Name (please type) XXXXXXXXXXXXXXXXXXXXXXXXXXXX David Byron Gettler Ryan Paul Paradiso, Paradiso Const.

Signature [Signature] [Signature]

Date 4/24/91 10/22/91

Signature of Site Owner or Operator

Name (please type) Ron Knutson -- Atlantic Richfield Company

Signature [Signature]

Date 4/25/91

12. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from our office and from the San Francisco Bay Regional Water Quality Control Board (415/464-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

13. As-built plans are to be submitted within 30 days of completion. Permit Application Forms A and B('s) are to be submitted and fees paid prior to operation of the tanks.

14. A written monitoring plan must be submitted prior to the operation of the tank and prior to the issuance of a permit. I declare that to the best of my knowledge and belief the statements and information provided above are correct and true.

15. These instructions do not apply in the city limits of Fremont, Newark, Union City, Hayward, Pleasanton, Berkeley, or San Leandro as they enforce their own underground tank regulatory program.

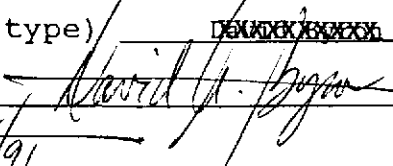
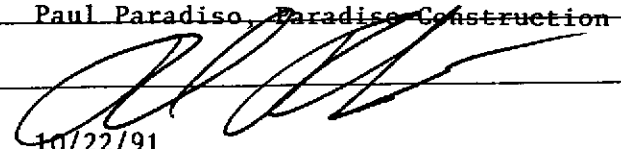
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I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.


I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted installation plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

Signature of Contractor

* Name (please type) ~~David J. Boyan~~ Paul Paradiso, Paradise Construction
Signature  
Date 4/25/91 10/22/91

Signature of Site Owner or Operator

Name (please type) ~~Ron Knutson~~
Signature 
Date 4/25/91

* Amended 10/22/91
per Barney Chan

ARCO PRODUCTS COMPANY
 FACILITY LIST - LOS ANGELES REGION
 BY STATE COUNTY
 10/24/1991, 09:20 AM

STATE: CALIFORNIA COUNTY: ALAMEDA

FAC	DEALER	ADDRESS	CITY/STATE	ZIP	CROSS STREET	PHONE
00276	DAI VAN VO	10600 MACARTHUR BLVD	OAKLAND	CA 94605	10TH AVE/MACARTHUR B	415-635-4641
00374	SANTOSH KUMAR SUD	6407 TELEGRAPH AVENU	OAKLAND	CA 94609	ALCATRAZ AVE/TELEGRA	415-658-7508
00498	REGION OPERATION 5157	286 SO LIVERMORE AVE	LIVERMORE	CA 94550	3RD ST/S LIVERMORE A	415-449-1448
00608	JAIME & LEONORA ABADAM <i>Sgr ✓</i>	17601 HESPERIAN BLVD	SAN LORENZO	CA 94580	HACIENDA/HESPERIAN B	415-278-2977
00	JERRY SHIELDS	899 RINCON AVENUE	LIVERMORE	CA 94550	PINE/RINCON AVE	415-447-1329
02035	RAHMAN FARSI/MAJID GHANADAN	1001 SAN PABLO AVENU	ALBANY	CA 94706	MARIN/SAN PABLO AVE	415-525-1362
02107	PRITINDER ARORA	3310 PARK BLVD.	OAKLAND	CA 94610	MACARTHUR/PARK BLVD	415-532-1716
02112	JAVAD ROOSHAN <i>Sgr ✓</i>	1260 PARK STREET	ALAMEDA	CA 94501	ENCINAL/PARK ST	415-865-7335
02152	JAMES A WALKER	22141 CENTER ST.	CASTRO VALLEY	CA 94546	GROVE/CENTER ST	415-581-1268
02169	RAMESH SOOD	889 W GRAND AVE	OAKLAND	CA 94607	MARKET/W GRAND AVE	415-465-4450
02185	B J A INC	9800 E 14TH ST	OAKLAND	CA 94603	98TH/E 14TH	415-568-0590
04494	KHALIL N ROOSHAN <i>Sgr ✓</i>	566 HEGENBERGER RD.	OAKLAND	CA 94605	EDES/HEGENBERGER RD	415-569-7561
04931	VINTNERS DISTRIBUTORS INC	731 W MACARTHUR BLVD	OAKLAND	CA 94611	WEST/W MACARTHUR BLV	415-658-5000
04977	MICHAEL SERDY	2770 CASTRO VALLEY R	CASTRO VALLEY	CA 94546	WISTERIA/CASTRO VALL	415-582-6919
06002	SAMIR PATEL <i>Sgr ✓</i>	6235 SEMINARY AVENUE	OAKLAND	CA 94605	HWY 580/SEMINARY	415-633-1042
06041	RONALD E TEUTSCH	7249 VILLAGE PARKWAY	DUBLIN	CA 94566	AMADOR/VILLAGE PKWY	415-828-3163
06113	PRESTIGE STATIONS INC 5158	785 E STANLEY BLVD	LIVERMORE	CA 94550	MURRIETTA/E STANLEY	415-449-2024
06148	JIN H KANG	5131 SHATTUCK AVE.	OAKLAND	CA 94609	52ND/SHATTUCK	415-654-3461

ARCO Products Company
Monitoring and Response Plans

County Alameda - Public Health

Facility	Product Tanks		Product Lines		ELECTRONIC Tank Monitor	Probe in Sump	LINE Leak Detector	Used Oil Tank		Monitoring Plan
	DW	SW	DW	SW				DW	SW	
100 W. Arthur Blvd. Oak	PS 276	✓		✓	✓	✓	✓			I
1401 Telegraph Ave. Oakland	SH 314	✓		✓	✓	✓	✓			I
86 S. Livermore Ave.	SH 498	✓					✓			IVA
7601 Hesperian Blvd. S.F.	PE 1008 5yr	✓		✓	✓	✓	✓	✓		IA
399 Rincon Ave. Liv.	SH 711		✓		✓		✓			III
901 San Pablo, Albany	LS 2035	✓		✓	✓	✓	✓			I
310 Park Blvd. Oak	PS 2107	✓		✓	✓	✓	✓			II B
560 Alameda St. S.F.	2111		✓		✓		✓		✓	III, V
260 PARK ST. ALAMEDA	SH 2117 5yr	✓		✓	✓	✓	✓			I
2411 Center St. C.V.	SS 2152	✓		✓	✓	✓	✓			I
19 W. Grand Ave. Oak	PB 2169		✓		✓		✓			III
9800 E 14th St. Oakland	BC 2185		✓		✓		✓			III
16 Haverberg Ln. Oak	BC 4945 5yr		✓		✓		✓			III
310 1st St. Oakland	SH 4931		✓		✓		✓			III
1700 Central Valley Blvd.	SS 4977		✓		✓		✓			III
235 Seminary Ave. Oak	PS 6002 5yr		✓		✓		✓			III
24911 Bay Parkway Dublin	RA 6041		✓		✓		✓			III
185 E. Stanley Liv.	SH 6113	✓			✓		✓			IVA
5131 Shattuck Ave. Oak	SH 6148		✓		✓		✓			III

SH-7 / PB-1
 ✓ PS-2 BC-2
 ✓ LS-1 RA-1
 PE-2 ✓ SS-2

* # 566 Haverberg Rd - approved closure & installation plan
 site contaminated.

By permit Remediation

Press [ESC] for the menu

REVISION UPDATED

UNDERGROUND STORAGE TANK CLEANUP SITE

---LOP:A---TRemov:---SLIC:---

SITE ID: 3876	SOURCE OF FUNDS: F	SUBSTANCE : 8006619
SITE NAME: Arco Station #02185		DATE REPORTED : 08/08/1991
SITE ADDRESS: 9800 E 14th St		DATE CONFIRMED: 08/08/1991
CITY: Oakland	ZIP CODE: 94603	MULTIPLE RPs : N
CASE TYPE: U	CONTRACT STAT: 4	PRIORITY: -0- DATE ER: -0-
RP SEARCH : S		DATE END: 04/10/1992
PRELIM ASSESSMENT : -	DATE BEGIN: -0-	DATE END: -0-
REMEDIAL INVEST : -	DATE BEGIN: -0-	DATE END: -0-
REMEDIAL ACTION : -	DATE BEGIN: -0-	DATE END: -0-
POST REMED MONITOR: -	DATE BEGIN: -0-	DATE END: -0-
ENFORCEMENT TYPE: 6		DATE ENFORCEMENT ACTION TAKEN: 10/21/1992
LUFT CATEGORY: -0-	CASE CLOSED: -	DATE CASE CLOSED: -0-
DT EXC START : 10/30/1991		REMEDIAL ACTIONS TAKEN: ED-

PgDn for Screen #2

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: Source Page: 1

STID: 3876

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

IN-HOUSE MANAGEMENT:

RISK ASSESSMENT : -0-	LOC-CleanUp Fund? -0-
DATE LAST CORSP : 03/18/1999	INSPECTOR INIT: BC

CONTACT/RESPONSIBLE PARTY INFORMATION:

RP #1: CONTACT: Paul Supple	RP COST: \$0.00
RP COMPANY NAME: Arco Products Company	Ph: -0-
ADDRESS: P. O. Box 6549	
CITY/ST/ZIP: Moraga, C A 94549	
COMMENT: MTBE=98 ppb (1998), none offsite, site is on hold , will need a RBCA prior to recommending closure.	

PgUp For Screen #1;PgDn For More RP'S

[ESC] Done [F2] Clear field [Shift-F2] Clear to end [Shift-F10] More
 Form: SITE Table: SITE Field: FlagDate Page: 2

Git-F4F

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

80 Swan Way, #200
Oakland, CA 94621
(415) 271-4320

Hazardous Materials Division Inspection Form

white -env.health
yellow -facility
pink -files

Site ID# _____ Site Name Arco Facility 2185 Today's Date 1/31/91
Site Address 9800 E14th St EPA ID# _____
City Oak Zip 94603 Phone 568 0590

MAX Amt. Stored > 500lbs/55g/200cf? **Y N**
Hazardous Waste generated per month? _____

- Inspection Categories:**
- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
 - II. Business Plans. Acute Hazardous Materials
 - III. Underground Tanks

The marked items represent violations of the Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

I.A GENERATOR (Title 22)

- | | | |
|-------------------|-----------------------------|---------|
| Manifest | 1. Waste ID | * 66471 |
| | 2. EPA ID | 66472 |
| | 3. > 90 days | 66508 |
| | 4. Label dates | 66508 |
| | 5. Biennial | 66493 |
| | 6. Records | 66492 |
| | 7. Correct | 66484 |
| | 8. Copy sent | 66492 |
| | 9. Exception | 66484 |
| | 10. Copies Rec'd | 66492 |
| Misc. | 11. Treatment | 66371 |
| | 12. On-site Disp. (H.S.&C.) | 26189.5 |
| | 13. Ex Haz. Waste | 66570 |
| Prevention | 14. Communications | 67121 |
| | 15. Aisle Space | 67124 |
| | 16. Local Authority | 67126 |
| | 17. Maintenance | 67120 |
| | 18. Training | 67105 |
| Confin. gency | 19. Prepared | 67140 |
| | 20. Name List | 67141 |
| | 21. Copies | 67141 |
| | 22. Emg. Coord. Trng. | 67144 |
| Containers, Tanks | 23. Condition | 67241 |
| | 24. Compatibility | 67242 |
| | 25. Maintenance | 67243 |
| | 26. Inspection | 67244 |
| | 27. Buffer Zone | 67246 |
| | 28. Tank Inspection | 67259 |
| | 29. Containment | 67245 |
| | 30. Safe Storage | 67261 |
| | 31. Freeboard | 67257 |

Comments: Arco Maintenance #

Arco mini market - (341-7514)
Haz 3 UGT tanks Marty
1-10K Reg 571-2424
1-10K UL
1-8K SILL
Are using Alternative #5, for monitoring
(1) Annual Pressure Test, Annual pipeline
detector (Red Jacket) - Request from Arco to
have copies of annual pressure test on site.
(2) Daily inv. reevaluation is being checked each
morning
(3) Only monitoring reports to be sent to County
listing all overages or underages exceeding
daily allowable limit (approx. 75 gal/day)
Maintain all records on-site for 3 yrs.

I.B TRANSPORTER (Title 22)

- | | | |
|----------|---------------------------|-------|
| Manifest | 32. Applic./Insurance | 66428 |
| | 33. Comp. Cert./CHP Insp. | 66448 |
| | 34. Containers | 66465 |
| | 35. Vehicles | 66465 |
| | 36. EPA ID #s | 66531 |
| | 37. Correct | 66541 |
| | 38. HW Delivery | 66543 |
| | 39. Records | 66544 |
| Conf's | 40. Name/ Covers | 66545 |
| | 41. Recyclables | 66800 |

Send you copies of requirements for existing
(pre 1984) UGT's & blank quarterly
monitoring report forms.
Send office copy of most recent pressure
test and quarterly monitoring reports

Rev 6/88

Contact: Mrs. Ambers
Title: _____
Signature: [Signature]

Inspector: B. Chan
Signature: _____

HAZARDOUS MATERIALS
 Site Brief for UNDERGROUND TANKS
 for the City of Alameda

ALAMEDA COUNTY
 as of 12/28/90
 pg 1

UTID/ Status	Name of Site	Site Address	#Tanks	PERMITS:
BillID	=====	=====	=====	=====
-0- C	Arco Station #02112	1260 Park St.	5	I:09/06/88
T61043		Alameda, CA 94501		F:-0-
784 C	Arco Station #02035	1001 San Pablo Ave.	4	I:09/06/88
T61043		Albany, CA 94706		F:-0-
658 C	Arco Station #04977 AM/PM	2770 Castro Valley Blvd.	3	I:09/06/88
T61043		Castro Valley, CA 94546		F:07/05/88
-0- C	Arco Station #02152	22141 Center St.	3	I:09/06/88
T61043		Castro Valley, CA 94546		F:-0-
*1053 C	Arco Station #06041	7249 Village Pkwy.	4	I:09/06/88
T61043		Dublin, CA 94568		F:-0-
*813 C	Arco K&V Gas Foodmart	6211 San Pablo Ave.	3	I:-0-
T10115		Emeryville, CA 94608		F:-0-
I * 813 C	Arco Station #05387	20200 Hesperian Blvd.	4	I:09/06/88
T61043		Hayward, CA 94541		F:-0-
*-0- C	Airport Arco	20450 Hesperian Blvd.	3	I:02/03/89
T21120		Hayward, CA 94541		F:-0-
* 2112 C	Springtown Arco	909 Bluebell Dr.	3	I:-0-
T42311		Livermore, CA 94550		F:-0-
-0- C	Arco Station #00771	899 Rincon Ave.	5	I:09/06/88
T61043		Livermore, CA 94550		F:-0-
198 R	Wong's Arco	2032 E. - 12th St.	0	I:-0-
T61026		Oakland, CA 94606		F:-0-
*-0- C	Arco Station #02185	9800 E. - 14th St.	4	I:09/06/88
T61043		Oakland, CA 94603		F:-0-
1130 C	Freeway Arco	2740 - 98th Ave.	4	I:10/13/87
TA1036		Oakland, CA 94605		F:-0-
-0- C	Arco Station #02169	889 W. Grand Ave.	5	I:09/06/88
T61043		Oakland, CA 94607		F:-0-
*-0- R	Gin's Arco Service	706 Harrison St.	0	I:-0-
-0-		Oakland, CA 94612		F:-0-
-0- C	Arco Station #04494	566 Hegenberger Rd.	3	I:02/05/88
T61043		Oakland, CA 94621		F:-0-
*1038 C	High St. Arco	2951 High St.	5	I:02/05/88
T21043		Oakland, CA 94619		F:-0-
-0- C	Arco Station #04931	731 W. MacArthur Blvd.	4	I:09/06/88
T61043		Oakland, CA 94609		F:-0-
-0- C	Arco Station #00276	10600 MacArthur Blvd.	3	I:09/06/88
T61043		Oakland, CA 94605		F:-0-
851 C	Mountain Blvd. Arco	2844 Mountain Blvd.	4	I:04/14/88
T41043		Oakland, CA 94602		F:-0-
-0- C	Arco Station #02107	3310 Park Blvd.	3	I:09/06/88
T61043		Oakland, CA 94610		F:-0-
-0- C	Arco Station #06002	6235 Seminary Ave.	4	I:09/06/88
T61043		Oakland, CA 94605		F:-0-
-0- C	Arco Station #06148	5131 Shattuck Ave.	3	I:09/06/88
T61043		Oakland, CA 94609		F:-0-
-0- C	Arco Station #00374	6407 Telegraph Ave.	3	I:09/06/88
T61043		Oakland, CA 94609		F:-0-
? -0- F	Freedom Arco	15101 Freedom Ave.	3	I:-0-
-0-		San Leandro, CA 94578		F:-0-
1794 C	Pharco	2222 Grant Ave.	1	I:08/16/88
T81053		San Lorenzo, CA 94580		F:-0-
779 C	Arco Station #00608	17601 Hesperian Blvd.	4	I:09/06/88
T61043		San Lorenzo, CA 94580		F:-0-

Site Brief for A B - 2 1 8 5
for the city of Alameda

printed: 12/28/90
page: 1

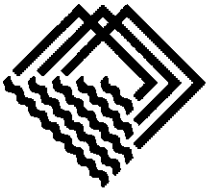
ABID/BillID	Name of Site	Site Address	Zip	SysEntry	S
/L71107	Arco Station #02112	1260 Park St.	501	10/24/90	C
/L91227	Arco Station #02035	1001 San Pablo Ave.	706	08/14/89	C
658/HL7111	Arco Station #04977	2770 Castro Valley Blvd.	546	08/14/89	C
/HL7112	Arco Station #02152	22141 Center St.	546	08/14/89	C
1053/HL7114	Arco Station #06041	7249 Village Pkwy.	568	06/04/90	C
/LC1217	Arco Station #05387	20200 Hesperian Blvd.	541	06/04/90	C
/L22223	Airport Arco	20450 Hesperian Blvd.	541	08/01/89	C
/	Springtown Arco	909 Bluebell St.	550		P
/L41112	Arco Station #00771	899 Rincon Ave.	550	07/28/89	C
/L81123	Arco Station #02185	9800 E. - 14th St.	603	08/14/89	C
1130/L91386	Freeway Arco	2740 - 98th Ave.	608	09/18/89	C
/L81146	Arco Station #02169	889 W. Grand Ave.	607	08/14/89	C
/L81176	Arco Station #04494	566 Hegenberger Rd.	621	08/14/89	C
1038/	High St. Arco	2951 High St.	619	03/21/89	P
/L81178	Arco Station #04931	731 W. MacArthur Blvd.	609	06/04/90	C
/L81128	Arco Station #00276	10600 MacArthur Blvd.	605	11/20/89	C
851/L12017	Mountain Blvd. Arco Servi	2844 Mountain Blvd.	602	11/30/90	M
/L81188	Arco Station #02107	3310 Park Blvd.	610	08/14/89	C
/L81295	Sunshine Petroleum, Inc.	6211 San Pablo Ave.	608	12/28/90	M
/HL8112	Arco Station #06002	6235 Seminary Ave.	605	08/31/90	C
/L81130	Arco Station #06148	5131 Shattuck Ave.	609	06/04/90	C
/L81179	Arco Station #00374	6407 Telegraph Ave.	609	08/14/89	C
744/HL7116	Arco Station #02111	1156 Davis St.	577	08/14/89	C
/HL7118	Arco Station #00601	712 Lewelling Blvd.	579	08/14/89	C
1794/HL1469	Tharco	2222 Grand Ave.	580	07/28/89	C
779/HL7119	Arco Station #00608	17601 Hesperian Blvd.	580	08/14/89	C

Arco Stati

Report Total : 26

Status Codes: C=Current/Part2 M=Current/Part1 P=awaiting busPla
B=ready for Billing A=ready for Billing I=Inactive

*6211 San Pablo
No 1167 MP.*



PACIFIC
ENVIRONMENTAL
GROUP, INC.

90 APR 12 AM 10:55

April 6, 1990
Project No. 330-03.01

Mr. Ed Howell, Senior Specialist
Alameda County Public Health Service
Hazardous Materials Section
80 Swan Way, Suite 200
Oakland, CA 94621

Subject: ARCO Station #2185
9800 E. 14th Street
Oakland, CA 94603

Dear Mr. Howell:

Enclosed is the Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report for the subject ARCO Petroleum Products Company Station. Please distribute the report as noted in the instructions on the reverse side of each form.

Should you have any questions or comments regarding this matter, please do not hesitate to call Mrs. Elaine Lavine of ARCO at (415) 571-2482.

Sincerely,

PACIFIC ENVIRONMENTAL GROUP, INC.

Alice Scheufler
Staff Technician

enclosure

cc: RWQCB, Oakland

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE.		
REPORT DATE 0 M 4 D 0 Y 6 D 9 Y 0 Y		CASE #				
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Alice Scheufler		PHONE (408) 984-6536	SIGNATURE As Agent for ARCO <i>Alice Scheufler</i>		
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Pacific Environmental Group, Inc.			
	ADDRESS 1601 Civic Center Drive, Suite 202, Santa Clara CA 95050					
RESPONSIBLE PARTY	NAME ARCO Petroleum Products <input type="checkbox"/> UNKNOWN		CONTACT PERSON Elaine Lavine	PHONE (415) 571-2482		
	ADDRESS P.O. Box 5811 San Mateo CA 94402					
SITE LOCATION	FACILITY NAME (IF APPLICABLE) ARCO Service Station No. 2185		OPERATOR BJA Inc.	PHONE (415) 568-0590		
	ADDRESS 9800 East 14th Street Oakland Alameda 94603					
	CROSS STREET 98th	TYPE OF AREA <input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL <input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER		TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION <input type="checkbox"/> FARM <input type="checkbox"/> OTHER		
IMPLEMENTING AGENCIES	LOCAL AGENCY Hazardous Materials		CONTACT PERSON Mr. Ed Howell	PHONE (415) 271-4320		
	REGIONAL BOARD San Francisco Bay Region		CONTACT PERSON Mr. Don Dalke	PHONE (415) 464-0503		
SUBSTANCES INVOLVED	(1) NAME Gasoline			QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2) <input type="checkbox"/> UNKNOWN					
DISCOVERY/ABATEMENT	DATE DISCOVERED 0 M 4 D 0 Y 4 D 9 Y 0 Y		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Drive Off			
	DATE DISCHARGE BEGAN 0 M 4 D 0 Y 4 D 9 Y 0 Y <input type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE			
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 0 M 4 D 0 Y 4 D 9 Y 0 Y		<input checked="" type="checkbox"/> OTHER			
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input checked="" type="checkbox"/> OTHER		TANKS ONLY/CAPACITY GAL. _____ AGE _____ YRS <input type="checkbox"/> UNKNOWN	MATERIAL <input type="checkbox"/> FIBERGLASS <input type="checkbox"/> STEEL <input type="checkbox"/> OTHER	CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> CORROSION <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> SPILL <input type="checkbox"/> OTHER	
	CHECK ONE ONLY N/A					
CASE TYPE	<input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)					
	CHECK ONE ONLY <input type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input checked="" type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES					
REMEDIAL ACTION	CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)					
	<input type="checkbox"/> CAP SITE (CD)		<input type="checkbox"/> EXCAVATE & DISPOSE (ED)	<input type="checkbox"/> REMOVE FREE PRODUCT (FP)	<input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)	
	<input type="checkbox"/> CONTAINMENT BARRIER (CB)		<input type="checkbox"/> EXCAVATE & TREAT (ET)	<input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT)	<input type="checkbox"/> REPLACE SUPPLY (RS)	
<input type="checkbox"/> TREATMENT AT HOOKUP (HU)		<input checked="" type="checkbox"/> NO ACTION REQUIRED (NA)	<input type="checkbox"/> OTHER (OT)			
COMMENTS	Customer drove off with nozzle still in car. Hose and nozzle were both broken. Fire Department was called and they used an absorbent material to soak up the spill. Armor (contractor) tested the lines, made repairs and finished clean up. OES was contacted.					