

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

June 28, 2001

Karen Petryna
Equiva Services LLC
PO Box 7869
Burbank, CA 91501-7869

Re: Melina Albany Shell, 999 San Pablo Ave., Albany, CA;
RO0000121

Dear Ms. Petryna:

"1st Quarter 2001 Monitoring Report" for the aforementioned site by Cambria Environmental Technology, Inc., dated April 27, 2001 was reviewed. Monitoring well S-5, which contained separate phase hydrocarbons (SPH), has not been sampled since May 18, 1998. S-5 is located across the street from the site and adjacent to an Arco service station at 1001 San Pablo Ave. A review of the Leaking Underground Tank Oversight Program (LOP) file for that site indicated that S-5 has not been monitored in conjunction with the investigation of that site. "3rd Quarter 1998 Monitoring Report" for Melina Albany Shell, 999 San Pablo Ave., Albany, CA, stated that monitoring of S-5 would be discontinued because the source of the SPH is not from Shell but from Arco since monitoring wells S-3 and S-6 located between Shell and S-5 never contained SPH. A letter dated June 15, 2001 to our office regarding the Arco site stated that S-5 was sampled on May 31, 2001 and results would be forthcoming. Monitoring wells S-1, S-2, S-3, S-4, and S-6, were sampled February 14, 2001 for analyses for total petroleum hydrocarbons as gasoline (TPH-G), benzene, toluene, ethyl benzene, xylene (BTEX), and methyl tertiary-butyl ether (MTBE). S-7 was inaccessible for sampling. Excluding S-5, the highest concentrations of TPH-G, benzene, and MTBE were found in S-2, S-3, and S-6. S-2 is located onsite. The highest concentrations among S-2, S-3, and S-6, were 13,000 ug/l TPH-G, 147 ug/l benzene, and 1,250 ug/l MTBE. The concentrations for S-1, S-4, and S-7 were low or nondetectable (ND) for all analytes. S-1 and S-4 are located upgradient of the site. S-7 is located downgradient of the former tanks and offsite.

The map of the site showed 3 recovery wells. However, we could not find any mention of the recovery wells in our file. Indicate if these wells have been used and if so, describe how. Provide well design and construction specifications, depth interval and type of seal, construction diagram for wells, drilling date, sampling method and interval, well development method and criteria used for assessing adequacy of development, disposition of cutting spoils and development water, and surveying plan for wells. Determine the suitability of using the wells for groundwater monitoring.

Ms. Petryna
June 28, 2001
Page 2 of 2

A request was made for the records of wells within a ¼ mile radius of the site from the California Department of Water Resources. However, we did not find these records in our file. Please submit.

If you have any questions, you may call me at 510/567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist

C: Jacquelyn Jones, Cambria Environmental Technology, Inc., 1144-65th St.,
Suite B, Oakland, CA 94608

Files

RO 121

CAMBRIA

June 15, 2001

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

Re: **ARCO Service Station # 2035**
1001 San Pablo Avenue
Albany, California
Cambria Project #436-1610
StID #3858

JUN 22 2001

Dear Mr. Chan:



On behalf of BP/ARCO, Cambria Environmental Technology, Inc. (Cambria) has prepared this response to your letter dated May 29, 2001. This letter addresses the following issues: MTBE confirmation, sampling and remediation of Shell well S-5, and a list of active remediation wells.

The site is currently on a semi-annual sampling schedule (2nd and 4th quarters). The highest MTBE concentrations in groundwater were confirmed by EPA Method 8260, as part of the second quarter 2001 sampling event performed on May 4, 2001. The results of these analyses will be included in Cambria's Second Quarter 2001 Groundwater Monitoring Report.

Shell Well S-5 was sampled on May 31, 2001 by Shell's contractor and the results will also be included in Cambria's Second Quarter 2001 Groundwater Monitoring Report. Cambria is in the process of evaluating the logistics of including well S-5 into the onsite operating soil vapor extraction and air sparging (SVE/AS) system.

Currently, air sparging is being performed on wells AS-1 and AS-2 and in-well air sparging is being performed on well RW-1. Soil vapor extraction is being performed on wells VW-1 through VW-6, VW-8 and VW-9.

Please call me at (510) 450-1985 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

Ron Scheele RG
Senior Project Manager

Attachments: Figure 1 Site Plan

cc: Mr. Paul Supple, BP/ARCO, P.O. Box 6549 Moraga, California 94570
Ms. Karen Petryna, Equiva Services, P.O. Box 7869, Burbank CA 91510-7869

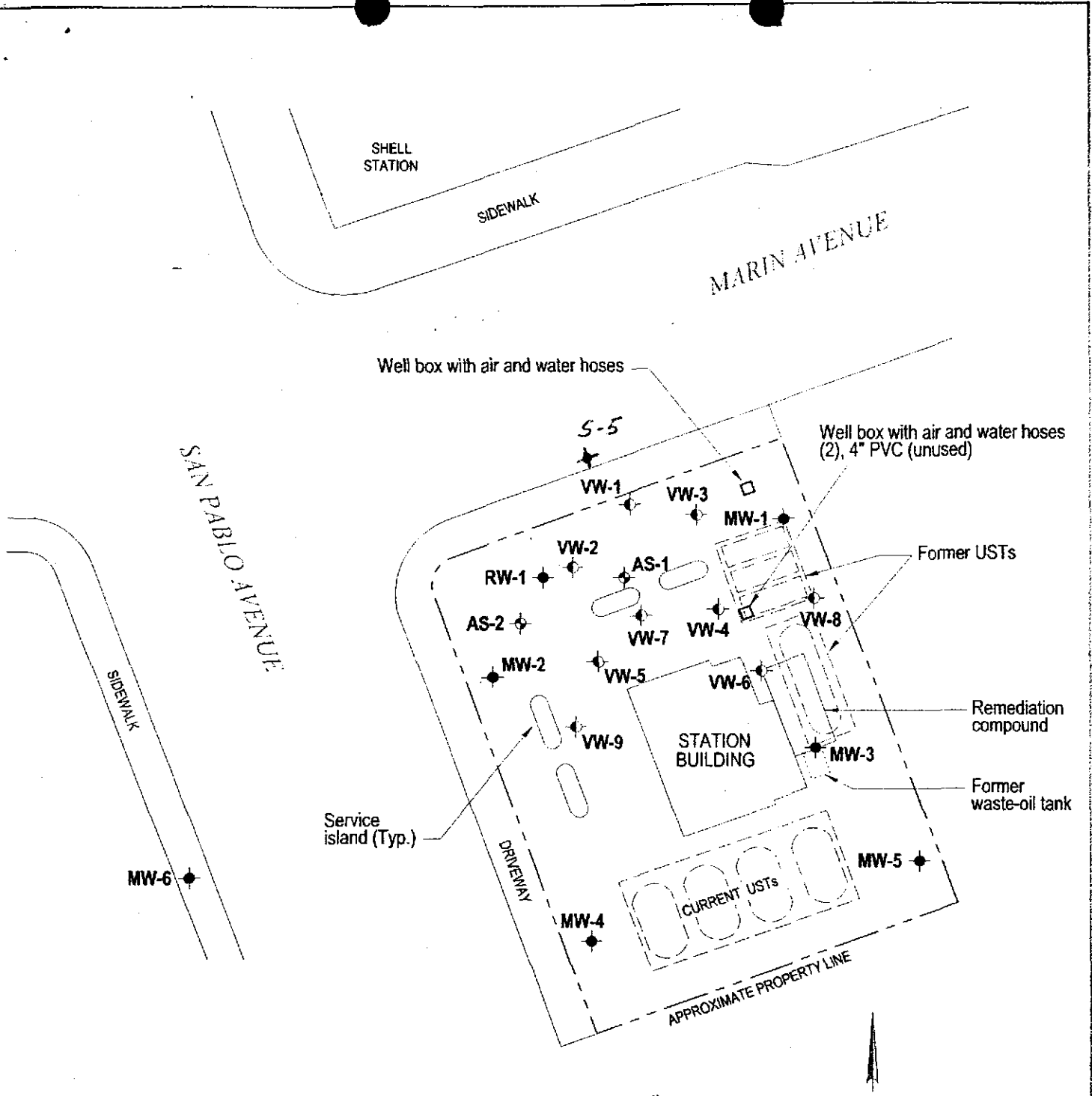
\\SERVER\MR\ARCO\6041\Correspondence\ACHCSA\LetterResponse6-01.doc

PERTINENT
TO SHELL
CASE -
RO 121

Oakland, CA
San Ramon, CA
Sonoma, CA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170



EXPLANATION	
MW-1	Monitoring well location
VW-1	Vapor extraction well location
AS-1	Air sparge well location

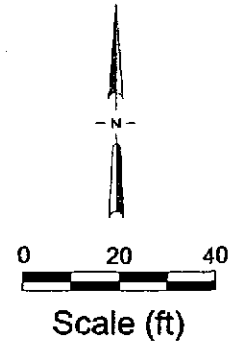


FIGURE 1

ARCO Service Station 2035
 1001 San Pablo Avenue
 Albany, California



C A M B R I A

Site Plan

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

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

May 29, 2001
StID #3858

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

Re: ARCO Service Station No. 2035, 1001 San Pablo Ave., Albany, CA 94502

Dear Mr. Supple:

Our office has received and reviewed the **May 11, 2001 Site Status and Remediation System Performance Report First Quarter 2001** prepared by Cambria Environmental. It appears that this report has not addressed the items mentioned in my October 26, 2000 letter to you, copy enclosed. Please note that in this letter, ARCO was requested to confirm any MTBE detected using EPA Method 8260 and take over sampling and remediation in the Shell well, MW-5, on the south side of Marin Ave. In addition, your consultant was to clarify which wells are being used in the SVE/Air Sparge remediation system. The contamination in MW-5 should be included in your remediation plans.

Please provide a written response to these items to insure that your next quarter's activities reflect these understandings.

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

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

Enclosure (Mr. Supple)

C: B. Chan, files

✓ Mr. R. Scheele, Cambria Environmental, 6262 Hollis St., Emeryville, CA 94608

Mr. J. Lestrangle, 2421 Dena Way, Calistoga, CA 94515

Ms. K. Petryna, Equiva Services, P.O. Box 7869, Burbank, CA 91510-7869

2-1001SanPablo

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

October 26, 2000
StID # 3858

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

Re: ARCO Service Station No. 2035, 1001 San Pablo Ave., Albany, CA 94502

Dear Mr. Supple:

This letter recounts a recent (9/00) conversation I had with Mr. Darryk Ataide of Cambria, your consultant for the above referenced site. We discussed questions that arose after my review of the **August 4, 2000 Second Quarter 2000 Monitoring and Remediation System Performance Report**. I bring these items to your attention to confirm that ARCO concurs with his comments to my questions. The following items were discussed:

- It was agreed that MTBE would be confirmed by EPA Method 8260 on the highest MTBE impacted well reported by EPA Method 8020.
- The Shell well designated MW-5 on the south side of Marin Ave. was determined to be impacted by the ARCO site via Shell's 3/9/00 conduit study. Thus ARCO would take over the sampling and remediation of this well, which has had historically free product.
- Mr. Ataide was going to clarify which wells are included in the SVE & Air Sparge system. Are more wells other than RW-1 being used? If not, how will contamination in MW-5 be dealt with?

Please clarify these items. You may contact me at (510) 567-6765.

Sincerely,

A handwritten signature in cursive script that reads "Barney M. Chan".

Barney M. Chan
Hazardous Materials Specialist

✓ C: B. Chan, files

Mr. D. Ataide, Cambria, 1144 65th St., Suite B, Oakland CA 94608

Mr. J. Lestrangle, 2421 Dena Way, Calistoga, CA 94515

Ms. K. Petryna, Equiva Services, P.O. Box 7869, Burbank, CA 91510-7869

1001 San Pablo clar

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

December 17, 1999

Karen Petryna
Equiva Services LLC
PO Box 7869
Burbank, CA 91501-7869

Re: Melina Albany Shell, 999 San Pablo Ave., Albany, CA;
StId 3670

Dear Ms. Petryna:

I've been designated the new caseworker for the aforementioned site. In response to the request for an extension to the deadline of January 3, 2000 for submitting a workplan to characterize the offsite extent of MTBE contamination and to assess the potential of culverts/storm drains for plume migration, I've been authorized by my supervisor, Tom Peacock, to grant a one month extension. The workplan is due February 3, 2000.

If you have any questions, you may call me at 510/567-6746.

Sincerely,


Don Hwang
Hazardous Materials Specialist

cc C: Darryk Ataide, Cambria Environmental Technology, Inc., 1144-65th St.,
Suite B, Oakland, CA 94608

Files

C A M B R I A

VIA FACSIMILE

December 16, 1999

Tom Peacock
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502-6577

Re: **Request for Work Plan Extension**
Shell-branded Service Station
999 San Pablo Avenue
Albany, California
Incident #98995143
Cambria Project #241-0366-002

Dear Mr. Peacock:

On behalf of Equiva Services LLC (Equiva), Cambria Environmental Technology, Inc. (Cambria) is submitting this Request for Work Plan Extension in response to the Alameda County Health Care Services Agency (ACHCSA) letter to Equiva dated November 8, 1999. This request is directed to your attention as we understand that Juliet Shin is no longer with the ACHCSA.

Cambria proposes to submit a letter response and work plan no later than **February 1, 2000**. This extension is requested in light of holiday and vacation schedules the end off the year presents.

Please call me at (510) 420-3339 if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc



Darryk Ataide
Project Manager

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869 Burbank, California 91501-7869

G:\Albany 999 San Pablo\ACHCSALetter.doc

C A M B R I A

November 23, 1999

Ms. Juliet Shin
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Re: Certified List of Record Fee Title Owners for:
999 San Pablo Ave.
Albany, CA
Incident No. 98995143

Dear Ms. Shin:

In accordance with section 25297.15(a) of Chapter 6.7 of the Health_Safety Code and on behalf of Equiva Services LLC, we certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site.

Betty L. Patton, Tr., 3462 Rossmoor Parkway #4, Walnut Creek, CA 94595
Mary L. Biggs, Tr., 1600 Brookview Drive, Casper, WY 82604

Sincerely,



Ailsa S. Le May, R.G.
Senior Geologist

cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California, 90749-6249
Betty L. Patton, Tr., 3462 Rossmoor Parkway #4, Walnut Creek, CA 94595
Mary L. Biggs, Tr., 1600 Brookview Drive, Casper, WY 82604

Oakland, CA
Sonoma, CA
Portland, OR
Seattle, WA

**Cambria
Environmental
Technology, Inc.**

1144 65th Street
Suite B
Oakland, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 08, 1999

Karen Petryna
Equilon Enterprises LLC
P.O. Box 6249
Carson, CA 90749-6249

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

STID: 3670

Re: Investigations at Melina Albany Shell, located at 999 San Pablo Avenue, Albany, CA

Dear Ms. Petryna,

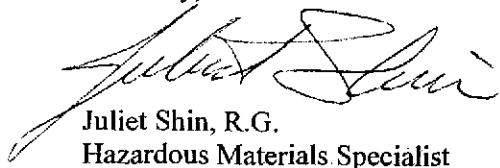
Oversight responsibilities for the above site have recently been reassigned to me, Juliet Shin. Having reviewed the case files, it was noted that elevated levels of Methyl Tertiary Butyl Ether (MTBE) have consistently been identified in Well S-2, located at the western, downgradient end of the site. Consequently, additional investigations should be conducted to further characterize the off-site extent of the MTBE contamination.

The site is bordered by Marin Avenue to the south and San Pablo Avenue to the west. According to the "Creek & Watershed Map of Oakland & Berkeley," published by the Oakland Museum of California, there are underground culverts and/or storm drains running down both of these streets. Additionally, Marin Creek is located roughly 500 feet to the south of the site. Further characterization of the contaminant plume should explore the potential for these culverts/storm drains to act as a conduit for plume migration, and should help to determine whether the plume is impacting Marin Creek.

A workplan addressing the above work is due to this office within 60 days of the date of this letter (i.e., by January 03, 2000). Additionally, the last quarterly groundwater monitoring report contained in our case files is dated October 16, 1998, covering the Third Quarter 1998 Monitoring Report. Please submit copies of any groundwater monitoring reports generated subsequent to this date for our files.

Thank you for your cooperation. If you have any questions or comments, please contact me at (510) 567-6763.

Sincerely,



Juliet Shin, R.G.
Hazardous Materials Specialist

Cc: Darryk Ataide
Cambria Environmental Technology, Inc.
1144 65th Street, Ste B
Oakland, CA 94608

1999.11-08 09:04
510 337 9335
ALAMEDA CO EHS HAZ-OPS

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ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



Post-It™ brand fax transmittal memo 7671		# of pages ▶ 1	
To	Karen Petryna	From	Juliet Shin
Co.	Equiva Services	Co.	Alameda City
Dept.		Phone #	510-567-6763
Fax #	559-645-5643	Fax #	510-337-9335

November 08, 1999

Karen Petryna
Equilon Enterprises LLC
P.O. Box 6249
Carson, CA 90749-6249

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

STID: 3670

Re: Investigations at Melina Albany Shell, located at 999 San Pablo Avenue, Albany, CA

Dear Ms. Petryna,

Oversight responsibilities for the above site have recently been reassigned to me, Juliet Shin. Having reviewed the case files, it was noted that elevated levels of Methyl Tertiary Butyl Ether (MTBE) have consistently been identified in Well S-2, located at the western, downgradient end of the site. Consequently, additional investigations should be conducted to further characterize the off-site extent of the MTBE contamination.

LOP - CHANGE RECORD REQUEST FORM

printed:
05/18/99

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: *SMS*

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3670 LOC:
 SITE NAME: Melina Albany Shell DATE REPORTED : 02/05/90
 ADDRESS : 999 San Pablo Ave DATE CONFIRMED: 02/05/90
 CITY/ZIP : Albany 94706 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE: 2B3 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 02/21/92
 PRELIMINARY ASMNT: U DATE UNDERWAY: 01/29/90 DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:
 ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 02/02/92
 LUFT FIELD MANUAL CONSID: HSCAWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN: UK

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Alex Perez
 COMPANY NAME: Shell Oil Co.
 ADDRESS: P.o. Box 8080
 CITY/STATE: Martinez Ca 94553

RP#2-CONTACT NAME: Betty Patton Trust &
 COMPANY NAME: Mary Biggs
 ADDRESS: 3462 Rossmoor Pkwy #4
 CITY/STATE: Walnut Creek, C A 94595

INSPECTOR VERIFICATION:			
NAME _____	SIGNATURE _____	DATE _____	
Name/Address Changes Only		DATA ENTRY INPUT:	
ANNPgMS _____ LOP _____ DATE _____		Case Progress Changes LOP _____ DATE _____	

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION

05/18/99

UNDERGROUND STORAGE TANK CLEANUP SITE

AGENCY#: 10000 SOURCE OF FUNDS: F-FEDERAL INSPECTOR: JM
 StID: 3670 SUBSTANCE: 8006619 -Gasoline
 SITE NAME: Melina Albany Shell DATE REPORTED : 02/05/90
 ADDRESS : 999 San Pablo Ave DATE CONFIRMED: 02/05/90
 CITY/ZIP : Albany, CA 94706 MULTIPLE RP's : Y

CASE TYPE: O CONTRACT STATUS: 4 PRIOR:2B3 EMERGENCY RESPONSE:

RP SEARCH	: S	DATE END:	02/21/92
PRELIM ASSESSMENT	: U	DATE BEGIN:	01/29/90
REMEDIAL INVESTIG	:	DATE BEGIN:	
REMEDIAL ACTION	:	DATE BEGIN:	
POST REMED MONITOR:		DATE BEGIN:	

TYPE ENFORCEMENT ACTION TAKEN: 1 DATE OF ENFORC. ACTION: 02/02/92

UNDERGROUND STORAGE TANK CLEANUP SITE - SCREEN #2

LUFT FIELD MANUAL CONSIDERATION: HSCAWG CASE CLOSED: on:

DT EXC START: REMEDIAL ACTIONS TAKEN: UK

RP #1: CONTACT: Alex Perez RP COST:
 RP COMPANY NAME: Shell Oil Co. Ph:
 ADDRESS: P.o. Box 8080
 CITY/STATE: Martinez Ca 94553

ΔBrMENT:

SITE ID#: 3670

ADDITIONAL RP'S

RP #2
 CONTACT NAME: Betty Patton Trust &
 COMPANY NAME: Mary Biggs RP Ph:
 ADDRESS: 3462 Rossmoor Pkwy #4
 CITY/ST/ZIP: Walnut Creek, C A 94595

Listing all LOP DAILY activities since 1991 for StID # 3670
as of 05/18/99

Act91_4

Act92_1

ActivDat	Insp	ACT	Activ	StID	ActCostF	aComment
02/21/92	TP	200	1.1	3670	\$60.94	w/letters
03/18/92	TP	215	0.1	3670	\$5.54	assign priority
04/20/92	SH	215	0.5	3670	\$22.28	quarterly report

Act92_2

07/16/92	SH	215	2.5	3670	\$113.53	case review; summarized cleanup activities at site.
10/16/92	TP	215	0.3	3670	\$17.29	update QR

Act93_1

06/23/93	EC	204	0.3	3670	\$13.43	R. Hiett wants more info before site closure
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Act93_2

Act94_1

04/15/94	SH	215	2.5	3670	\$127.11	review quarterly monitoring reports, site summary, updates
07/22/94	SH	215	2.	3670	\$106.62	reviewed case file , summary of activities at the site

Act95_1

Act95_2

Act95_3

07/05/95	SH	215	1.5	3670	\$79.96	reviewed QMRs & update site history
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Act95_4

10/04/95	SH	212	0.2	3670	\$11.14	talked to Tom Fojut (Weiss) re:meeting
10/04/95	SH	215	0.8	3670	\$44.55	review 6/8/95 report
10/23/95	SH	215	2.	3670	\$111.36	reviewed file for meeting
10/24/95	SH	212	0.2	3670	\$11.14	talked to Tom Fojut
10/24/95	SH	215	2.	3670	\$111.36	review fiels, update for meeting
10/25/95	SH	215	1.	3670	\$55.68	review files update
11/20/95	SH	212	0.5	3670	\$27.84	meeting with Jeff Granberry
11/20/95	SH	215	1.5	3670	\$83.52	review files for meeting
11/28/95	SH	215	3.	3670	\$167.05	review files, update site history
12/01/95	SH	215	1.	3670	\$55.68	review closure of UST
12/04/95	SH	212	0.4	3670	\$22.27	talked to Mike Van Allen re: info on UST closure
12/04/95	TP	212	0.2	3670	\$13.03	w/Mike, SH
12/22/95	TP	215	0.1	3670	\$6.51	supv. review

Act96_1

01/19/96	SH	215	1.	3670	\$57.95	reviewed QMreports
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Act96_2

04/10/96	SH	215	0.5	3670	\$27.85	review QMR
04/19/96	TP	212	0.2	3670	\$11.98	for SH, w/Mike Van Allen
04/22/96	SH	212	0.5	3670	\$27.85	talked to Michael Van Allen re: UST removal
04/23/96	SH	215	0.6	3670	\$33.42	review UST removal application

05/16/96	SH	212	0.5	3670	\$27.85	talked to Tom CANS re: UST removal
06/06/96	SH	215	1.	3670	\$55.69	review case file, QMRS, UST removal
Act96_3						
07/17/96	SH	212	0.2	3670	\$11.05	talked to Yi Ran Wu (WA) re: WP implement by Friday\
07/17/96	SH	215	3.	3670	\$165.73	review QMRs up to 1/96 & Soil Characterization WP , letter out
07/18/96	TP	212	0.2	3670	\$12.11	w/Gary King
08/22/96	SH	212	0.4	3670	\$22.10	talked to Vince Padilla (AES) re: UST removals
09/10/96	SH	215	2.	3670	\$110.49	review USTs removal application, historical groundwater data
09/19/96	SH	212	0.3	3670	\$16.57	talked to Scott McCloud re: soil sampling
09/30/96	SH	215	1.8	3670	\$99.44	review files, historical data, update site summary
Act96_4						
10/01/96	SH	212	0.2	3670	\$11.05	left message for Scott McCloud re: reuse of soil
10/01/96	SH	215	1.4	3670	\$77.34	review QMRs/files re: soil reuse at the site
10/04/96	SH	215	0.8	3670	\$44.20	QMR review
10/08/96	SH	212	0.5	3670	\$27.62	talked to Paul Waite re: analytical results & schedule of UST removal
10/17/96	SH	212	0.4	3670	\$22.10	talked to Paul Waite (Cambria) re: soil samples & UST removal
10/21/96	SH	210	1.5	3670	\$82.87	on site for sampling, 2nd trip of the day
10/21/96	SH	210	5.5	3670	\$303.84	on site for removal of 3 USTs
10/22/96	SH	210	4.	3670	\$220.98	on site for sampling, overexcavation
10/22/96	SH	212	0.3	3670	\$16.57	talked to Paul Waitere: Pb, TPH gas, BTEX, MTBE analyses
10/23/96	SH	210	1.5	3670	\$82.87	on site for samplign, free product pumped out, pea gravel appeared less contaminated
10/23/96	SH	212	0.5	3670	\$27.62	talked to Kevin Graves re: reuse of excavated soil on site
10/23/96	SH	212	0.8	3670	\$44.20	talked to Paul Waite re: reuse of soil at the site
10/23/96	SH	215	0.8	3670	\$44.20	review case file re: soil/ water data to decide reuse of soil at the site
10/24/96	SH	210	2.	3670	\$110.49	on site, dewatering prior to backfilling, sampling
10/24/96	SH	215	0.5	3670	\$27.62	review files realtive to ARCO STID3858,
10/25/96	SH	210	1.5	3670	\$82.87	on site for sampling trenches
10/25/96	SH	210	2.	3670	\$110.49	on site, 2nd trip of the day, sampling along exploratory trenches
10/28/96	SH	210	1.5	3670	\$82.87	on site met with Paul Waite, discuss future sampling of the trenches, piping & west side of the excavation. Soil at 4 to 8 ft depth highly contaminated
10/28/96	SH	215	0.5	3670	\$27.62	review faxed data of 2 trench samples(new excavation)
11/07/96	SH	210	1.	3670	\$55.24	on site, overexcavation, sampling
11/12/96	SH	210	1.	3670	\$55.24	on site, overexcavation completed,

no groundwater visible at the
bottom of the excavation for new
USTs, former pit backfilled, 2 -
15,000 gallon USTs installed
supv. case review

12/31/96 TP	215	0.1	3670	\$6.05	supv. case review
Act97_1					
01/17/97 SH	215	1.	3670	\$55.69	review QMRs
Act97_2					
04/01/97 SH	215	1.5	3670	\$91.30	review QMRs
ACT97_3					
08/28/97 SH	215	1.	3670	\$56.92	review QMR
ACT97_4					
10/23/97 SH	200	1.5	3670	\$80.11	Review quarterly monitoring reports
11/04/97 SH	200	1.	3670	\$53.40	Review QMRs
11/06/97 SH	200	1.	3670	\$53.40	Review file , data, groundwater flow direction
ACT98_1					
ACT98_2					
05/28/98 SH	200	1.	3670	\$42.59	Reviewed QMR
act98_3					
08/31/98 SH	200	0.8	3670	\$44.51	Reviewed QMR
09/10/98 SH	200	1.	3670	\$55.63	reviewed QMRs
act98_4					

complete



CAMBRIA

April 15, 1997

Susan Hugo
Alameda County Department of
Environmental Health
1131 Harbor Bay Parkway, Second Floor
Alameda, California 94502-6577

Dear Ms. Hugo:

On behalf of Shell Oil Products Company, Cambria Environmental Technology, Inc. (Cambria), will be submitting First Quarter 1997 Quarterly Monitoring Reports for the following sites within the next thirty days.

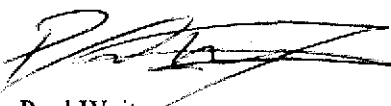
CITY	SITE
Albany	999 San Pablo Avenue
Oakland	3420 San Pablo Avenue
Oakland	5755 Broadway

We request that you approve of this new submission date.

Thank you for your assistance. Please call me if you have any questions or comments.

Sincerely,
Cambria Environmental Technology, Inc.

CAMBRIA
ENVIRONMENTAL
TECHNOLOGY, INC.
1144 65TH STREET,
SUITE B
OAKLAND,
CA 94608


Paul Waite
Project Manager

cc: A. E. (Alex) Perez, Shell Oil Products Company, P.O. Box 4023 Concord, California 94524

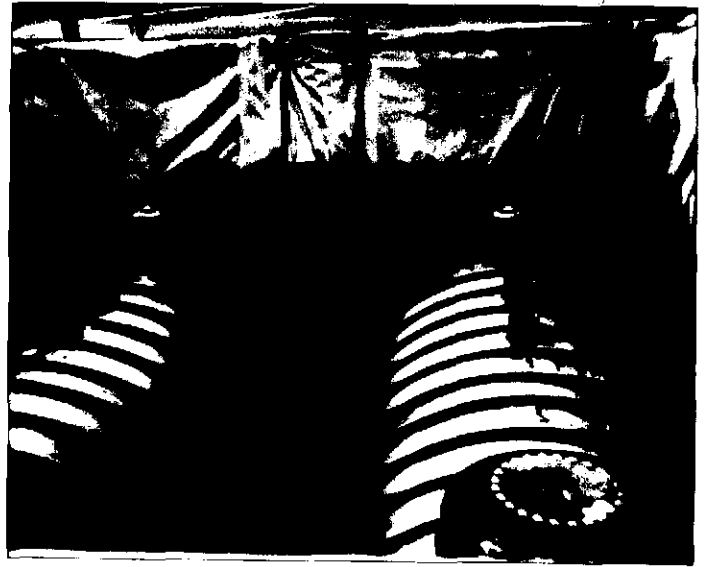
F:\PROJECT\SHELLA0-MGMT\QMLETTER\SHugo.wpd

PH: (510) 420-0700
FAX: (510) 420-9170



999 San Pablo
Albany

11-12-96



999 San Pablo
Albany

11-16-96

11/7/96 to site visit. met with P.01 of Prado, showing progress in the new tank excavation. Soils will be hauled off site starting tomorrow. Susan



CAMBRIA

DRAFT

November 6, 1996

Mr. Brett Hovland
Shell Oil Products Company
P.O. Box 4023
Concord, California 94524

Re: **Station Upgrade**
Shell Service Station
99 San Pablo Avenue
Albany, California
WIC # 204-0079-0109

Post-it® Fax Note 7671		Date 11/6	# of pages 2
To Susan Hugo	From Paul White		
Co./Dept. ACEH	Co. Cambria		
Phone # 567-6780	Phone #		
Fax # 337-9335	Fax #		

Dear Mr. Hovland:

This correspondence is to update you on the station upgrade activities at the site referenced above.

The three underground storage tanks at the north end of the site have been removed. Approximately 5000 gallons of water that entered the tank excavation were skimmed and pumped out at the direction of Ms. Susan Hugo of the Alameda County Department of Environmental Health. Crosby & Overton hauled the water to the Shell refinery. Ms. Hugo directed us to place approximately 3 ft of clean imported fill rock into the bottom of the excavation. The clean fill rock from the excavation (approximately 80 cu yds) was placed over the imported fill. The fill and sloughed soil from the excavation that contained significant hydrocarbons (approximately 100 cu yds) was disposed at Forward Landfill in Manteca by Manley & Sons. One 4" PVC monitoring has been installed into the excavation, and two additional wells will be installed in the future. The wells will be finished with vaults and secured with a locking cap. Soil samples from the vent and piping trenches have also been collected and analyzed.

We had planned to use the soil excavated for the new tank pit to backfill the former tank pit, based upon Weiss Associates' pre-characterization of the soils. However, Ms. Hugo was concerned about the thoroughness of their sampling results. In order to sample the soil again before it was excavated she required us to dig two exploratory trenches along the north and south edges of the proposed new tank excavation. Discreet soil samples were collected from the trenches and analyzed for BTEX, TPHg, and MTBE. The soil in the new tank excavation area was moderately impacted from 0 to 4 ft depth, significantly impacted from 4 to 9 ft depth (approximately 200 cu yds), and negligibly impacted from 9 to 15 ft depth. Based upon these results, Ms. Hugo has allowed us to use the soil from 9 to 15 ft as backfill in the former tank excavation. The soil from 4 to 9 ft will be disposed at Forward Landfill. The soil from

CAMBRIA
ENVIRONMENTAL
TECHNOLOGY, INC.
1144 65TH STREET,
SUITE B
OAKLAND,
CA 94608
PH: (510) 420-0700
FAX: (510) 420-9170

Mr. Brett Hovland
November 6, 1996

DRAFT

CAMBRIA

0 to 4 ft will be screened as it is excavated. Non-impacted soil will be used as backfill in the former tank excavation and significantly impacted soil will be disposed. Paradiso has begun to install the shoring for the new tank excavation. We plan to begin excavation and disposing of soil on Friday, November 8, and the new tanks will be installed on Monday, November 11. If the new excavation needs to be dewatered, the water will be stored in Baker tanks on the site for future hauling to the Shell refinery.

The additional activities at the site have allowed Shell to use approximately 350 cu yds of excavated soil as backfill in the former excavation instead of disposing of it at a landfill. At approximately \$30/cu yd, this has saved Shell approximately \$10,500 for hauling, disposal, and oversight of this soil. The project schedule has been rearranged, but that does not seem to have affected any project deadlines.

We appreciate the opportunity to continue to provide consulting services to Shell. If you have any questions or comments concerning this site, please call us at (510) 420-0700.

Sincerely,
Cambria Environmental Technology, Inc.

Paul Waite
Project Engineer

N. Scott MacLeod, R.G.
Principal Geologist

cc: R. Jeff Granberry, Shell Oil Company
Susan Hugo, Alameda County Department of Environmental Health
Paul Paradiso, Paradiso Mechanical

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white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 3670 Site Name Shell Service Station Today's Date 10/28/96

Site Address 999 San Pablo Avenue

City Albany Zip 94706 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

* Calif. Administration Code (CAC) or the Health & Safety Code (H&S&C)

Comments:

On site - met Paul White (Cambria) to discuss results of samples from the 2 exploratory trenches.
 - contamination identified at 4 ft to 8 ft depth (layer), will not use this layer as backfill. will be hauled off site for disposal. The surface soil up to 4 ft maybe used depending on physical observation of contamination. The soil from 8 ft below will be used to backfill former USTs pit.
 Field activities for this week:
 Piping associated w/ the former USTs will be removed. Samples will be collected along the trenches (1 per 20 linear ft). Verification soil samples will be collected on the western side of the excavation. Free product will be removed by grav. H₂O will be pumped out of the pits in the boiler tanks on site from the excavation pit to putting the base rock at the bottom.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Sids. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(i)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Groundwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/groundwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank testing
 - 8) Annual Tank Testing
 - Daily inventory
 - 9) Other _____

- 7. Precs Tank Test Date: 2643
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access: Secure 2634
 - 13. Plans Submit Date: 2711
 - 14. As Built Date: 2635

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: Susan J. Hugo

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 3670 Site Name Shell Service Station Date 10/25/96

Site Address 999 San Pablo Avenue

City Albany Zip 94706 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

On site for sampling along 2 trenches excavated at edge of new USTs pit.
 Met Paul White (Cambria).

Contamination present at 4 ft to 8 ft depth. Groundwater @ 8 ft.
 Soil samples collected at several depths.

Will meet @ 2 PM 10/28/96 to discuss soil results, additional sampling.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stas. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OnSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - Semi-annual groundwater
 - One time soils
 - 3) Daily Vadose
 - One time soils
 - Annual tank test
 - 4) Monthly Gndwater
 - One time soils
 - 5) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - Vadose/gndwater mon.
 - 6) Daily Inventory
 - Annual tank testing
 - Cont pipe leak det
 - 7) Weekly Tank Gauge
 - Annual tank testing
 - 8) Annual Tank Testing
 - Daily inventory
 - 9) Other _____

- 7. Precs Tank Test Date: 2643
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access, Secure 2634
 - 13. Plans Submit Date: 2711
 - 14. As Built Date: 2635

Rev 6/88

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: Susan Z. Long

II, III



STID 3610

October 24, 1996

Ms. Susan Hugo
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, CA 94502-6577

Re: **Excavation Work Plan**
Shell Service Station
999 San Pablo Avenue
Albany, California
WIC # 204-0079-0109

Dear Ms. Hugo:

Cambria Environmental Technology (Cambria), on behalf of Shell Oil Products Company (Shell), is submitting this work plan to address the recent and proposed underground storage tank (UST) excavations at the site referenced above. As we agreed on the site on October 24, 1996, we will complete the following tasks at this site:

- 1) We will install clean, imported drain rock and pea gravel into the former UST excavation at the north end of the site to a depth of 8 ft below finished surface. The 80 yds of pea gravel from the northern excavation that was sampled and characterized, will be placed above the imported pea gravel.
- 2) We will install three 4-inch diameter PVC wells at the north edge of the existing excavation. For potential future remediation These wells will be constructed of 8 ft of solid casing and 6 ft of 0.020" slotted screen. The casings will be finished with vaults and secured with a locking cap.
- 3) We will dig two exploratory trenches along the north and south edges of the proposed new tank excavation at the southern end of the site. Discreet soil samples will be collected from three locations along each edge at 8, 12, and 15 ft depths. The samples will be analyzed for BTEX, TPHg, and MTBE. If the analytical results of the soil sampling are comparable to the results of the previous sampling in this location, the soil from the southern excavation will be used as backfill in the northern excavation. If the analytical results indicate significantly higher concentrations of hydrocarbons than previously detected, the soil will be off-hauled and disposed.

CAMBRIA
ENVIRONMENTAL
TECHNOLOGY, INC.
1144 65TH STREET,
SUITE B
OAKLAND,
CA 94608
PH: (510) 420-0700
FAX: (510) 420-9170

Susan Hugo
October 24, 1996

CAMBRIA

We will proceed with these tasks Thursday afternoon, October 24, 1996. If you have any comments or would like additional information, please contact me at (510) 420-9185. Thank you for your continued assistance with this case.

Sincerely,
Cambria Environmental Technology, Inc.



Paul Waite
Project Engineer



N. Scott MacLeod, R.G.
Principal Geologist

cc: R. Jeff Granberry, Shell Oil Company
Paul Paradiso, Paradiso Mechanical

F:\PROJECTSHELL\ALB999\REPORTS\WORKPLAN.WPD

ALAMEDA COUNTY, DEPARTMENT OF
ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

II, III

white -env.health
yellow -facility
pink -files

Site ID #3670 Site Name Shell Service Station Today 10/24/96
Date 10/24/96

Site Address 999 SAN PABLO AVENUE

City Albany Zip 94706 Phone

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

On site: met Paul White (Cambria) &
Mark of Paradise Construction -

Observed slight slum on top of H&O in the
common excavation. Free product pumped
out yesterday. East side of the pit can be
backfilled - 3 ft of base rock at the bottom
(approx. 13 ft H&O). P&H gravel generated from the
former USTs removal can be used to backfill the
excavation but should be managed - direct
contact with groundwater should be prevented
& 2 ft. of clean fill should be placed on top
(surface).

Future excavation area for the new tanks (2-15,000
to be installed. Since the excavated soil from
this area is planned for use as backfill for
the former USTs pit, confirmation sample
should be collected & will indicate verify the
low levels found in Bouysie D4-VB-8.

2 trenches will be ~~excavated~~ excavated parallel to maximum
at the edge of the new tank excavation. Soil sample
(12 samples (1 per 50 yds)) will be collected at 8 ft. deep
& 15 ft deep (total depths of excavations). If results are
similar to Bouysie, the excavated soil can be used
as backfill for the former USTs excavation.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'S

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soils
 - 3) Daily Vadose
One time soils
Annual tank test
 - 4) Monthly Groundwater
One time soils
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/groundwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily inventory
 - 9) Other

- 7. Precs Tank Test 2643
Date:
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access, Secure 2634
 - 13. Plans Submit 2711
Date:
 - 14. As Built 2635
Date:

Rev 6/88

J. Hugo
Signature

Contact:

Title:

Signature:

Inspector:

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF
 ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 3670 Site Name Shell Service Station Today's Date 10/23/96

Site Address 999 San Pablo Ave.

City Albany Zip 94706 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:
 On site: met w/ Paul White (Cambria)
 Free product being removed
 by pump truck (Crosby & Oerston).
 Analytical results of pea gravel had
 been passed per Paul White.
 Will start backfilling tomorrow.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(p)
- 17. Certification 25534(t)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|---|---|
| General | <input type="checkbox"/> 1. Permit Application 25284 (H&S) |
| | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
| | <input type="checkbox"/> 3. Records Maintenance 2712 |
| | <input type="checkbox"/> 4. Release Report 2651 |
| | <input type="checkbox"/> 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | <input type="checkbox"/> 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
One time soils
Annual tank test |
| | 4) Monthly Gndwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily Inventory |
| | 9) Other _____ |
| | <input type="checkbox"/> 7. Precs Tank Test 2643 |
| | Date: _____ |
| | <input type="checkbox"/> 8. Inventory Rec. 2644 |
| | <input type="checkbox"/> 9. Soil Testing 2646 |
| <input type="checkbox"/> 10. Ground Water. 2647 | |
| New Tanks | <input type="checkbox"/> 11. Monitor Plan 2632 |
| | <input type="checkbox"/> 12. Access. Secure 2634 |
| | <input type="checkbox"/> 13. Plans Submit 2711 |
| | Date: _____ |
| <input type="checkbox"/> 14. As Built 2635 | |
| Date: _____ | |

Rev 8/88

II, III

Contact: _____

Title: _____

Signature: _____

Inspector: _____

Signature: Susan T. Hugo

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 3670 Site Name Shell Service Station Today Date 10/22/96

Site Address 999 SAN PABLO AVENUE

City ALBANY Zip 94706 Phone _____

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:
ON SITE:

Limited overexcavation around the common pit in the east end (excavation of the 2 fiberglass NSTs). Free floating product present on top of the groundwater. Excavation is approx. 11 ft deep, approx 60-70 yds.

Backfilled (sea gravel) generated from the fiberglass NSTs must be sampled (1 sample per 20 cu yds) for TPH_g, BTEX & MTBE prior to reuse. Sea gravel can be used as backfill if BTEX < 1 ppm (total), TPH_g = 100 ppm. Reuse of sea gravel should be managed in such a way that it is not in direct contact with water. Free product should be removed prior to backfilling.

Two of the three observation wells (middle & east) have been removed.

A discreet sample collected from the pit of sea gravel (approx 69 yds).

Six sidewall samples collected on the east side of the excavation (approx 11 ft bgs).

Contact: Pass/Ware It is advisable to conduct air monitoring due to strong HC odor. Adjacent property on the east is an apartment.
 Title: Contract Engineer
 Signature: [Signature] Inspector: [Signature]

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N)
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670

- Monitoring for Existing Tanks
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
 - ___ Semi-annual groundwater
 - ___ One time soils
 - 3) Daily Vadose
 - ___ One time soils
 - ___ Annual tank test
 - 4) Monthly Groundwater
 - ___ One time soils
 - 5) Daily Inventory
 - ___ Annual tank testing
 - ___ Cont pipe leak det
 - ___ Vadose/groundwater mon.
 - 6) Daily Inventory
 - ___ Annual tank testing
 - ___ Cont pipe leak det
 - 7) Weekly Tank Gauging
 - ___ Annual tank testing
 - 8) Annual Tank Testing
 - ___ Daily Inventory
 - 9) Other _____
 - ___ 7. Precls Tank Test 2643
 - Date: _____
 - ___ 8. Inventory Rec. 2644
 - ___ 9. Soil Testing 2646
 - ___ 10. Ground Water. 2647

- New Tanks
- ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
 - Date: _____
 - ___ 14. As Built 2635
 - Date: _____

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 3670 Site Name Shell Service Station Today's Date 10/22/96

Site Address 199 SAN PABLO AVENUE

City ALBANY Zip 94706 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

ON SITE:
Inspected over a portion of the site in connection with the permit and (transmission) the 2 year (1994-1996). The monitoring was to determine the type of the groundwater contamination to which I'll be doing.
The location of the ground water table from the information that was provided in the permit was that the water table was 4' to 6' below the ground surface. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively.
Some of the information that was provided in the permit was that the water table was 4' to 6' below the ground surface. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively.
The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively.
The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively. The TET & TBE results were 0.01 mg/L and 0.02 mg/L respectively.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|--|--|
| General | <input type="checkbox"/> 1. Permit Application 25284 (H&S) |
| | <input type="checkbox"/> 2. Pipeline Leak Detection 25292 (H&S) |
| | <input type="checkbox"/> 3. Records Maintenance 2712 |
| | <input type="checkbox"/> 4. Release Report 2651 |
| | <input type="checkbox"/> 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | <input type="checkbox"/> 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose
Semi-annual groundwater
One time soils |
| | 3) Daily Vadose
Annual tank test
One time soils |
| | 4) Monthly Groundwater
One time soils |
| | 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/groundwater mon. |
| | 6) Daily Inventory
Annual tank testing
Cont pipe leak det |
| | 7) Weekly Tank Gauge
Annual tank testing |
| | 8) Annual Tank Testing
Daily inventory |
| | 9) Other |
| New Tanks | <input type="checkbox"/> 7. Pre-Tank Test Date: 2643 |
| | <input type="checkbox"/> 8. Inventory Rec. 2644 |
| | <input type="checkbox"/> 9. Soil Testing 2646 |
| | <input type="checkbox"/> 10. Ground Water 2647 |
| <input type="checkbox"/> 11. Monitor Plan 2632 | |
| <input type="checkbox"/> 12. Access, Secure 2634 | |
| <input type="checkbox"/> 13. Plans Submit Date: 2711 | |
| <input type="checkbox"/> 14. As Built Date: 2635 | |

Rev 6/88

Contact: _____
 Title: _____
 Signature: _____
 Inspector: _____
 Signature: _____

II, III

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 3670 Site Name SHELL SERVICE STATION Today Date 10/21/96

Site Address 999 SAN PABLO AVENUE

City ALBANY Zip 94706 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

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

page 2 of 2

Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

On site for 3 USTs Removal; ERICKSON = USTs handler, Albany Fire Marshall Brian Cudo on site, Paradiso - UST annual contractors.

Tank #2 - 10,000 gal fiberglass; O2 = 15%, LEL = 0%. East end of the UST cracked. East end was covered with visqueen prior to transport; East end left. Manifest # 92044682 behind must be disposed together with piping.

Tank #3 - 10,000 gal steel; O2 = 11%; LEL = 0%. Trace product present at the bottom of the excavation strong HC odor & soil discoloration. West end of the pit was shared. Some corrosion/pitting present at the seams; ^{ends} no obvious hole present. Manifest # 92044683

Tank #1 - 10,000 gal fiberglass; O2 = 12% LEL = 0%. No obvious holes; tank appeared to be in good shape. Manifest # 92044684

All piping associated with the USTs must be removed. Stockpiled soil must be characterized for disposal. Excavation & soil must be covered w/ visqueen due to strong HC odor.

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) _____
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25533(b)
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|--|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose |
| | Semi-annual groundwater |
| | One time soils |
| | 3) Daily Vadose |
| | One time soils |
| | Annual tank test |
| | 4) Monthly Gndwater |
| | One time soils |
| 5) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| Vadose/gndwater man. | |
| 6) Daily Inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| 7) Weekly Tank Gauge | |
| Annual tank testing | |
| 8) Annual Tank Testing | |
| Daily Inventory | |
| 9) Other _____ | |
| New Tanks | ___ 7. Precs Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing . 2646 |
| ___ 10. Ground Water. 2647 | |
| ___ 11. Monitor Plan 2632 | |
| ___ 12. Access. Secure 2634 | |
| ___ 13. Plans Submit 2711 | |
| Date: _____ | |
| ___ 14. As Built 2635 | |
| Date: _____ | |

SAN PABLO

Rev 6/88

Contact: Paul Wade Inspector: SUSAN L. HUGO
 Title: Combin / Engineer
 Signature: [Signature]

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

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

II, III

white -env.health
 yellow -facility
 pink -files

Site ID # 4670 Site Name SHELL SERVICE STATION Today's Date 10/21/16

Site Address 977 SAN PABLO AVENUE
 City ALBANY Zip 94706 Phone _____

- II.A BUSINESS PLANS (Title 19)**
- ___ 1. Immediate Reporting 2703
 - ___ 2. Bus. Plan Stds. 25503(b)
 - ___ 3. RR Cars > 30 days 25503.7
 - ___ 4. Inventory Information 25504(a)
 - ___ 5. Inventory Complete 2730
 - ___ 6. Emergency Response 25504(b)
 - ___ 7. Training 25504(c)
 - ___ 8. Deficiency 25505(a)
 - ___ 9. Modification 25505(b)

- II.B ACUTELY HAZ. MATLS**
- ___ 10. Registration Form Filed 25533(a)
 - ___ 11. Form Complete 25533(b)
 - ___ 12. RMPP Contents 25534(c)
 - ___ 13. Implement Sch. Req'd? (Y/N)
 - ___ 14. OffSite Conseq. Assess. 25524(c)
 - ___ 15. Probable Risk Assessment 25534(d)
 - ___ 16. Persons Responsible 25534(g)
 - ___ 17. Certification 25534(i)
 - ___ 18. Exemption Request? (Y/N) 25536(b)
 - ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General**
- ___ 1. Permit Application 25284 (H&S)
 - ___ 2. Pipeline Leak Detection 25292 (H&S)
 - ___ 3. Records Maintenance 2712
 - ___ 4. Release Report 2651
 - ___ 5. Closure Plans 2670
-
- Monitoring for Existing Tanks**
- ___ 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose
Semi-annual groundwater
One time soils
 - 3) Daily Vadose
One time soils
Annual tank test
 - 4) Monthly Gndwater
One time soils
 - 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
 - 6) Daily Inventory
Annual tank testing
Cont pipe leak det
 - 7) Weekly Tank Gauge
Annual tank testing
 - 8) Annual Tank Testing
Daily Inventory
 - 9) Other _____
-
- New Tanks**
- ___ 7. Precis Tank Test 2643
Date: _____
 - ___ 8. Inventory Rec. 2644
 - ___ 9. Soil Testing 2646
 - ___ 10. Ground Water. 2647
 - ___ 11. Monitor Plan 2632
 - ___ 12. Access. Secure 2634
 - ___ 13. Plans Submit 2711
Date: _____
 - ___ 14. As Built 2635
Date: _____

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

page 2 of 2

___ Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:

*Soil samples must be collected along the perimeter (one per 20 lineal ft.).
 1/2" gravel from the foundation should be sampled prior to reuse as backfill. The soil of the tank pit and under the tank (if any) must be collected. Under the tank as well as vadose - due to subsidence - contamination. Contaminated soil will be removed to lean the perimeter to backfilling. The first soil sample will be collected prior to backfilling.
 Three observation wells will be approved. Two observation should be removed prior to backfilling.*

II, III

Contact: Paul Waite
 Title: Construction Inspector
 Signature: [Signature]

Inspector: Suzanne L. Hugo
 Signature: [Signature]

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 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

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

II, III

Site ID # 3670 Site Name SHELL SERVICE STATION Today's Date 10/21/96

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

Site Address 999 SAN PABLO AVENUE

City ALBANY Zip 94706 Phone _____

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

page 2 of 2

___ Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) _____
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) 25536(b)
- ___ 19. Trade Secret Requested? 25538

Comments:

Soil samples must be collected along the piping trenches (one per 20 linear ft.).
 1/4" gravel from the excavation should be sampled prior to reuse as backfill. The rest of the stockpiled soil will be disposed off-site. Soil samples to be collected after the UST removals are waived - due to presence of contamination. Excavation will be contaminated. Soil will be removed to clean the excavation prior to backfilling. Verification soil samples will be collected prior to backfilling. Three observation wells will be removed. Free product should be removed prior to backfilling.

III. UNDERGROUND TANKS (Title 23)

- | | |
|-------------------------------|--|
| General | ___ 1. Permit Application 25284 (H&S) |
| | ___ 2. Pipeline Leak Detection 25292 (H&S) |
| | ___ 3. Records Maintenance 2712 |
| | ___ 4. Release Report 2651 |
| | ___ 5. Closure Plans 2670 |
| Monitoring for Existing Tanks | ___ 6. Method |
| | 1) Monthly Test |
| | 2) Daily Vadose |
| | Semi-annual groundwater |
| | One time soils |
| | 3) Daily Vadose |
| | One time soils |
| | Annual tank test |
| | 4) Monthly groundwater |
| | One time soils |
| | 5) Daily inventory |
| | Annual tank testing |
| | Cont pipe leak det |
| | Vadose/gndwater mon. |
| 6) Daily inventory | |
| Annual tank testing | |
| Cont pipe leak det | |
| 7) Weekly Tank Gauge | |
| Annual tank testing | |
| 8) Annual Tank Testing | |
| Daily inventory | |
| 9) Other _____ | |
| New Tanks | ___ 7. Precip Tank Test 2643 |
| | Date: _____ |
| | ___ 8. Inventory Rec. 2644 |
| | ___ 9. Soil Testing 2646 |
| | ___ 10. Ground Water 2647 |
| | ___ 11. Monitor Plan 2632 |
| | ___ 12. Access, Secure 2634 |
| | ___ 13. Plans Submit 2711 |
| | Date: _____ |
| | ___ 14. As Built 2635 |
| Date: _____ | |

Rev 6/88

Contact: Paul White
 Title: Cambrin Engineer
 Signature: [Signature]

Inspector: SUSAN L. HUGO
 Signature: [Signature]

II, III

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yellow -facility
pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
Suite 250
Alameda, CA 94502-6577
(510) 567-6700

II, III

Site ID # 3670 Site Name SHELL SERVICE STATION Today Date 10/21/96

Site Address 999 SAN PABLO AVENUE
City ALBANY Zip 94706 Phone _____

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

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

page 1 of 2
 * Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:
 On site for 3 USTs Removal; ERICKSON - USTs
 hunter, Albany Fire Marshall Brian Cuda on
 site. Paradise - UST removal contractor

Tank #2 - 10,000 gal fiberglass; O₂ = 15%, LEL = 0%.
 Instead of the UST trucked. Instead was covered
 with Visqueen prior to transport; Part not left.
 Manifest # 92044682 (kindly make a copy of
 manifest for file)

Tank #3 - 10,000 gal steel, O₂ = 11%, LEL = 0%.
 Tank products present at the bottom of the excavation
 along HC odor & soil concentrations. One side
 of the pit was shored. Some concrete pitting
 present at the seams; no obvious hole present.
 Manifest # 92044683

Tank #1 - 10,000 gal fiberglass; O₂ = 12%, LEL = 0%.
 No obvious holes; tank appears to be in
 good shape. Manifest # 92044684
 All piping associated with the USTs
 must be removed. Tank used soil must be
 characterized for removal. Information to Soil
 must be provided. HC odor. II, III

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stats. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(d)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MAT'S

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(i)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual groundwater One time soils
 - 3) Daily Vadose One time soils Annual tank test
 - 4) Monthly Gndwater One time soils
 - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
 - 6) Daily Inventory Annual tank testing Cont pipe leak det
 - 7) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily Inventory
 - 9) Other

- 7. Precs Tank Test 2643 Date: _____
- 8. Inventory Rec. 2644
- 9. Soil Testing. 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit 2711 Date: _____
 - 14. As Built 2635 Date: _____

Rev 8/88

Contact: Paul V...
 Title: Combin / Engineer Inspector: SUZAN I. HUGO
 Signature: [Signature] Signature: _____

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1131 HARBOR BAY PARKWAY, RM 250
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700
 FAX # 510/337-9335

STID 3670

SUSAN K. HUGO
 Project Specialist

ACCEPTED

Underground Storage Tank Closure Permit Application
 Alameda County Division of Hazardous Materials
 1131 Harbor Bay Parkway, Suite 250
 Alameda, CA 94502-6577

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes in your closure plans indicated by the Department are to assure compliance with State and local laws. The project proposed herein is now released for issuance of any required building permits for construction/alteration.

One copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal.

Any changes or alterations of these plans and specifications must be approved by this Department and to the Fire and Building Inspections Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist:

Susan K. Hugo 9/21/96

Plane rate change made on pages 1, 2, 4 & 5.

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business SHELL SERVICE STATION
 Business Owner or Contact Person (PRINT) SHELL OIL COMPANY
2. Site Address 999 SAN PABLO AVENUE AND MARIN AVENUE
 city ALBANY, CA. zip 94706 Phone (510) 527-8709
3. Mailing Address 999 SAN PABLO AVENUE
 city ALBANY CA. zip 94706 Phone (510) 527-8709
4. Property Owner SHELL OIL COMPANY
 Business Name (if applicable) SHELL SERVICE STATION
 Address 1390 WILLOW PASS ROAD SUITE 900
 City, State CONCORD, CA. zip 94520
5. Generator name under which tank will be manifested
SHELL OIL COMPANY
 EPA ID# under which tank will be manifested CAE000144242

6. Contractor TO BE DETERMINED PARADISO CORP.
Address 2600 Williams St
City San Leandro Phone (510) 614-8390
License Type* B per B F 8 E10 A ID# 677909 exp 9/30/97
C-61 Hwy Subcontract

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) ATS ENGINEERING
Address 45 QUAIL COURT SUITE 303
City, State WALNUT CREEK CA. 94596 Phone (510) 933-0578

8. Main Contact Person for Investigation (if applicable)
Name JEFF BYRAM Title CONSTRUCTION ENGINEER
Company SHELL OIL COMPANY
Phone (510) 675-6145

9. Number of underground tanks being closed with this plan 3
Length of piping being removed under this plan APPROX. 350 L.W. FT.
Total number of underground tanks at this facility (**confirmed with owner or operator) 3 TO BE REMOVED (2) TO BE INSTALLED.

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

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter
Name CROSBY + OVERTON EPA I.D. No. _____
STATE HEALTH # 0025
Hauler License No. HWY PATROL # 55235 License Exp. Date _____
Address 8430 AMELIA STREET
City OAKLAND State CA. Zip 94621

b) Product/Residual Sludge/Rinsate Disposal Site
Name CROSBY + OVERTON EPA ID# HWY PATROL # 55235
STATE HEALTH # 0025
Address 8430 AMELIA STREET
City OAKLAND State CA Zip 94621

c) Tank and Piping Transporter

STATE HEALTH # 0025

Name CROSBY & OVERTON EPA I.D. No. _____

Hwy Patrol # 55235
Hauler License No. _____ License Exp. Date _____

Address 8430 AMELIA STREET

City OAKLAND State CA zip 94621

d) Tank and Piping Disposal Site

Name ERICKSON INC. EPA I.D. No. CAD 009466392

Address 255 PARR BLVD.

City RICHMOND State CA zip 94801

11. Sample Collector

Name DAVE PULSEN

Company FUGRO WEST INC.

Address 1050 MELODY LANE

City ROSEVILLE State CA zip 95678 Phone (916) 982-2110

12. Laboratory

Name SEQUOIA ANALYTICAL (LINDA SCHNEIDER)

Address 819 STRIKER AVENUE SUITE 8

City SACRAMENTO State CA zip 95834

State Certification No. _____

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

If yes, describe. _____

14. Describe methods to be used for rendering tank(s) inert:

INTRODUCE DRY ICE PER ALAMEDA COUNTY REQUIREMENTS

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 permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
#1) 10,000 REG UL	APPROX. JAN. 1996 gasoline	soil & groundwater	Soil samples must be collected from each end of the tank no deeper than 2 ft beneath the tank bottom
#2) 10,000 PLUS UL	APPROX. JAN. 1996 gasoline	soil & groundwater	
#3) 10,000 SUPER UL	APPROX. JAN. 1996 gasoline	soil & groundwater	

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

Excavated/Stockpiled Soil

Stockpiled Soil Volume (estimated)

Sampling Plan

Stockpiled soil must be characterized for disposal.

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

Will the excavated soil be returned to the excavation immediately after tank removal? [] yes [] no [X] unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the specialist IN ADVANCE of backfilling operations.

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.

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

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
TPH gas		8015	1 ppm soil
BTEX		8020	50 ppb H ₂ O
MTBE		8020	1005 ppb soil
Pb	AA		0.5 ppb H ₂ O

18. Submit Worker's Compensation Certificate copy

Name of Insurer REPUBLIC INDEMNITY CO. OF AMERICA

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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box B for "tank removed" in the upper right hand corner).

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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.

CONTRACTOR INFORMATION

Name of Business PARADISO MECHANICAL, INC.

Name of Individual TRACY LUM, PROJECT MANAGER

Signature *Tracy Lum* Date 8/22/96

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business Shell Oil Company

Name of Individual Brett Highland

Signature *Bub* Date 8/27/96

18. Submit Worker's Compensation Certificate copy

Name of Insurer _____

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 written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.

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

23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that 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 approval from the Environmental Protection Division 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.

CONTRACTOR INFORMATION

Name of Business _____

Name of Individual _____

Signature _____ Date _____

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business SHELL SERVICE STATION

Name of Individual SHELL OIL COMPANY, JEFF BYRAM

Signature _____ Date _____



CERTIFICATE OF INSURANCE

DATE (MM/DD/YY)
1/1/96**PRODUCER**MEIER COMMERCIAL INSURANCE
1 EMBARCADERO WEST, STE. 133
AKLAND, CALIFORNIA 94607
(510) 893-1222THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.
COMPANIES AFFORDING COVERAGECOMPANY
ACOMPANY
BCOMPANY
CCOMPANY
D REPUBLIC INDEMNITY CO OF AMERICA**INSURED**PARADISO MECHANICAL INC
PARADISO CONSTRUCTION CO
P.O. BOX 1836
SAN LEANDRO CA 94577**COVERAGES**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
	GENERAL LIABILITY <input type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS MADE <input type="checkbox"/> OCCUR <input type="checkbox"/> OWNER'S & CONTRACTOR'S PROT				GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ PERSONAL & ADV INJURY \$ EACH OCCURRENCE \$ FIRE DAMAGE (Any one fire) \$ MED EXP (Any one person) \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> NON-OWNED AUTOS				COMBINED SINGLE LIMIT \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE \$
	GARAGE LIABILITY <input type="checkbox"/> ANY AUTO				AUTO ONLY - EA ACCIDENT \$ OTHER THAN AUTO ONLY: EACH ACCIDENT \$ AGGREGATE \$
	EXCESS LIABILITY <input type="checkbox"/> UMBRELLA FORM <input type="checkbox"/> OTHER THAN UMBRELLA FORM				EACH OCCURRENCE \$ AGGREGATE \$ \$
D	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/PARTNERS/EXECUTIVE OFFICERS ARE: <input type="checkbox"/> INCL <input type="checkbox"/> EXCL	3516634	1/01/96	1/01/97	<input checked="" type="checkbox"/> STATUTORY LIMITS EACH ACCIDENT \$ 1,000,000 DISEASE - POLICY LIMIT \$ 1,000,000 DISEASE - EACH EMPLOYEE \$ 1,000,000
	OTHER				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIAL ITEMS

RE: ALL CALIFORNIA OPERATIONS PERFORMED BY NAMED INSURED

CERTIFICATE HOLDER**CANCELLATION**

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING COMPANY WILL ENDEAVOR TO MAIL 30 DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE COMPANY, ITS AGENTS OR REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

Anita Toni Miller

INSTRUCTIONS

General Instructions

- * Three (3) copies of this plan plus attachments and a deposit must be submitted to this Department.
- * Any cutting into tanks requires local fire department approval.
- * One complete copy of your approved plan must be at the construction site at all times; a copy of your approved plan must also be sent to the landowner.
- * State of California Permit Application Forms A and B are to be submitted to this office. One Form A per site, one Form B for each removed tank.

Line Item Specific Instructions

2. SITE ADDRESS
Address at which closure is taking place.
5. EPA I.D. NO. under which the tanks will be manifested
EPA I.D. numbers may be obtained from the State Department of Toxic Substances Control, 916/324-1781.
6. CONTRACTOR
Prime contractor for the project.
10. STATE REGISTERED HAZARDOUS WASTE TRANSPORTERS/FACILITIES
 - a) All residual liquids and sludges are to be removed from tanks before tanks are inerted.
 - c) Tanks must be hauled as hazardous waste.
 - d) This is the place where tanks will be taken for cleaning.
15. TANK HISTORY AND SAMPLING INFORMATION

Use History - This information is essential and must be accurate. Include tank installation date, products stored in the tank, and the date when the tank was last used.

Material to be sampled - e.g. water, oil, sludge, soil, etc.

Location and depth of samples - e.g. beneath the tank a maximum of two feet below the native soil/backfill interface, side wall at the high water mark, etc.

NOTE: These requirements are excerpts from 29 CFR Part 1910.120(b)(4), Hazardous Waste Operations and Emergency Response; Final Rule, March 6, 1989. Safety plans of certain underground tank sites may need to meet the complete requirements of this Rule.

19. PLOT PLAN

The plan should consist of a scaled view of the facility at which the tank(s) are located and should include the following information:

- a) Scale;
- b) North Arrow;
- c) Property Lines;
- d) Location of all Structures;
- e) Location of all relevant existing equipment including tanks and piping to be removed and dispensers;
- f) Streets;
- g) Underground conduits, sewers, water lines, utilities;
- h) Existing wells (drinking, monitoring, etc.);
- i) Depth to ground water; and
- j) All existing tank(s) and piping in addition to the tank(s) being removed.

20. DEPOSIT

A deposit, payable to "County of Alameda" for the amount indicated on the Alameda County Underground Storage Tank Fee Schedule, must accompany the plans.

21. Blank Unauthorized Leak/Contamination Site Report forms may be obtained in limited quantities from this office or from the San Francisco Bay Regional Water Quality Control Board (510/286-1255). Larger quantities may be obtained directly from the State Water Resources Control Board at (916) 739-2421.

22. TANK CLOSURE REPORT

The tank closure report should contain the following information:

- a) General description of the closure activities;
- b) Description of tank, fittings and piping conditions. Indicate tank size and former contents; note any corrosion, pitting, holes, etc.;

EXPLANATION FOR TABLE #2: MINIMUM VERIFICATION ANALYSIS

1. OTHER METHODOLOGIES are continually being developed and as methods are accepted by EPA or DHS, they also can be used.
2. For DRINKING WATER SOURCES, EPA recommends that the 500 series for volatile organics be used in preference to the 600 series because the detection limits are lower and the QA/QC is better.
3. APPROPRIATE STANDARDS for the materials stored in the tank are to be used for all analyses on Table #2. For instance, seasonally, there may be five different jet fuel mixtures to be considered.
4. To AVOID FALSE POSITIVE detection of benzene, benzene-free solvents are to be used.
5. TOTAL PETROLEUM HYDROCARBONS (TPH) as gasoline (G) and diesel (D) ranges (volatile and extractable, respectively) are to be analyzed and characterized by GC/FID with a fused capillary column and prepared by EPA method 5030 (purge and trap) for volatile hydrocarbons, or extracted by sonication using 3550 methodology for extractable hydrocarbons. Fused capillary columns are preferred to packed columns; a packed column may be used as a "first cut" with "dirty" samples or once the hydrocarbons have been characterized and proper QA/QC is followed.
6. TETRAETHYL LEAD (TEL) analysis may be required if total lead is detected unless the determination is made that the total lead concentration is geogenic (naturally occurring).
7. CHLORINATED HYDROCARBONS (CL HC) AND BENZENE, TOLUENE, XYLENE AND ETHYLBENZENE (BTX&E) are analyzed in soil by EPA methods 8010 and 8020 respectively, (or 8240) and in water, 601 and 602, respectively (or 624).
8. OIL AND GREASE (O & G) may be used when heavy, straight chain hydrocarbons may be present. Infrared analysis by method 418.1 may also be acceptable for O & G if proper standards are used. "Standard Methods" 17th Edition, 1989, has changed the 503 series to 5520.
9. PRACTICAL QUANTITATION REPORTING LIMITS are influenced by matrix problems and laboratory QA/QC procedures. Following are the Practical Quantitation Reporting Limits:

	<u>SOIL PPM</u>	<u>WATER PPB</u>
TPH G	1.0	50.0
TPH D	1.0	50.0
BTX&E	0.005	0.5
O & G	50.0	5,000.0

Based upon a Regional Board survey of Department of Health Services Certified Laboratories, the Practical Quantitation Reporting Limits are attainable by a majority of laboratories with the exception of diesel fuel in soils. The Diesel Practical Quantitation Reporting Limits, shown by the survey, are:

ROUTINE	MODIFIED PROTOCOL
≤ 10 ppm (42%)	≤ 10 ppm (10%)
≤ 5 ppm (19%)	≤ 5 ppm (21%)
≤ 1 ppm (35%)	≤ 1 ppm (60%)

When the Practical Quantitation Reporting Limits are not achievable, an explanation of the problem is to be submitted on the laboratory data sheets.

- LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, submitted, prepared for analysis, and analyzed.
- IF PEAKS ARE FOUND, when running samples, that do not conform to the standard, laboratories are to report the peaks, including any unknown complex mixtures that elute at times varying from the standards. Recognizing that these mixtures may be contrary to the standard, they may not be readily identified; however, they are to be reported. At the discretion of the LIA or Regional Board the following information is to be contained in the laboratory report:

The relative retention time for the unknown peak(s) relative to the reference peak in the standard, copies of the chromatogram(s), the type of column used, initial temperature, temperature program is C/minute, and the final temperature.

- REPORTING LIMITS FOR TPH are: gasoline standard ≤ 20 carbon atoms, diesel and jet fuel (kerosene) standard ≤ 50 carbon atoms. It is not necessary to continue the chromatography beyond the limit, standard, or EPA/DHS method protocol (whichever time is greater).

EPILOGUE

ADDITIVES: Major oil companies are being encouraged or required by the federal government to reformulate gasoline as cleaner burning fuels to reduce air emissions. MTBE (Methyl-tertiary butyl ether), ETHANOL (ethyl alcohol), and other chemicals may be added to reformulate gasolines to increase the oxygen content in the fuel and thereby decrease undesirable emissions (about four percent with MTBE). MTBE and ethanol are, for practical purposes, soluble in water. The removal from the water column will be difficult. Other compounds are being added by the oil companies for various purposes. The refinements for detection and analysis for all of these additives are still being worked out. If you have any questions about the methodology, please call your Regional Board representative.

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
Acknowledgement of Refund Recipient for Site Account
DEPOSITOR FILLS OUT PER SITE
-- REQUIRED --

The depositor will use this form to acknowledge that the property owner or his or her designee will receive any refund due at the completion of all deposit/refund projects at the site listed below.

SITE NUMBER/ADDRESS:

REFUND RECIPIENT-PROPERTY OWNER

Site Number

SHELL SERVICE STATION

Company Name

SHELL OIL COMPANY

Owner's Name

999 SAN PABLO AVENUE

Street Address

1390 WILLOW PASS RD, STE 900

Owner's Address

ALBANY, CA. 94706

City

Zip Code

CONCORD CA. 94520

Owner's City

State

Zip

I have read the description of the project Deposit/Refund Procedure, and have had an opportunity to ask questions about it. I understand that regardless of who deposits money into the site account, any deposit money remaining at the completion of all projects being conducted at this site will be refunded solely to the property owner or his or her designee.

Signature of Depositor

Vince Padilla

Date

11/6/95

Depositor Name

VINCE PADILLA

Company Name

AHS ENGINEERING

Street Address

45 QUAIL COURT SUITE 303

City / Zip

WALNUT CREEK CA. 94596

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECEIPT

There may be excess funds remaining in the Site Account at the completion of this project. The PAYOR (person or company that issues the check) will use this form to pre-designate another party to receive any funds refunded at the completion of this project. In the absence of this form, the PAYOR will receive the refund.

SITE INFORMATION:

Site ID Number
(if known)

SHELL SERVICE STATION

Name of Site

999 SAN PABLO AVENUE

Street Address

ALBANY CA 94706

City, State & zip code

I designate the following person or business to receive any refund due at the completion of all deposit/refund projects:

AES ENGINEERING

Name

45 DUAL COURT SUITE 303

Street Address

WORKOUT CREEK CA 94596

City, State & zip code

Signature of Payor

Vince Pradha

Name of Payor

(PLEASE PRINT CLEARLY)

Company Name of Payor

AES ENGINEERING

Date

11/6/95

RETURN FORM TO:

County of Alameda, Environmental Protection

1131 Harbor Bay Parkway, Rm 250

Alameda CA 94502-6577

Phone#(510) 567-6700

Installation - needs
\$ 894 for 245K

REMOVAL PERMIT

APPLICATIONS

STID 3670
Talked to Mike Van Allen
re: issues.

JA

- 1) H&S plan
- 2) CPA ID #
- 3) Contractors Info, Id etc
Workers & other H&S
- 4) Workers comp. - h.s.
- 5) page 6 signature by Contractor
& shell

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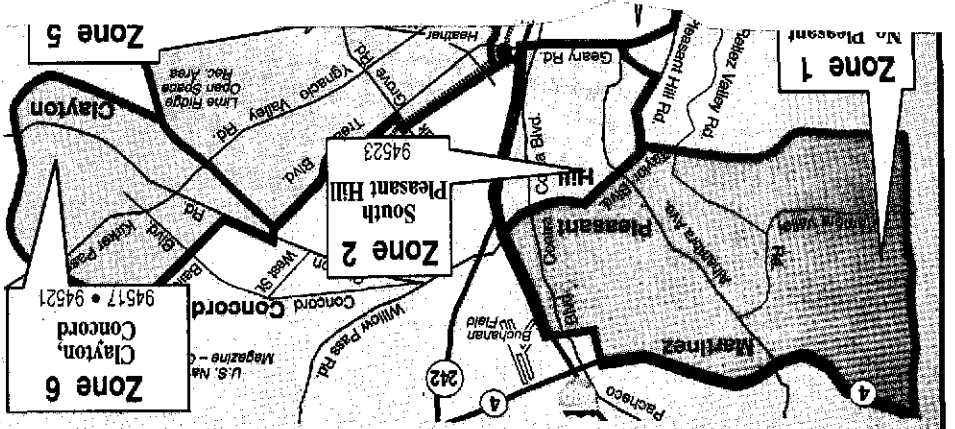
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STID

A & S ENGINEERING, INC.
45 QUAIL COURT, STE. 303
WALNUT CREEK, CA 94596

F A X C O V E R S H E E T

DATE: December 20, 1995 **TIME:** 3:25 PM

TO: Susan Hugo **PHONE:** _____
Alameda County Health **FAX:** 510-337-9335

FROM: Vince Padilla **PHONE:** 510-933-0578
A & S Engineering **FAX:** 510-933-0588

Michael Von
RE: Shell Service Station Located at 999 San Pablo Avenue, Albany, Ca
#SH9482

Number of pages including cover sheet: 2

Message

The following items are in response to the verbal plan check comments that you gave me for the proposed tank installation permit for this location:

- 1) Page #6 of the application is attached and has been signed by the Shell Oil Representative.
- 2) There is no E.P.A. I.D. number assigned to this site.
- 3) A general contractor will be chosen after all permits have been approved or obtained. Please complete your review of the plans and applications as soon as possible. When all other issues have been resolved please notify me that the project is approved and can be issued when the contractor's information is provided to you.

Feel free to call Tom Piskor or myself at (510) 933-0578 if you have any questions or comments, or with approval notification. Thank you.

TOTAL P.02

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
Declaration of Site Account Refund Recipient
 SITE OWNER FILLS OUT PER SITE
 OPTIONAL --

The property owner will use this form to designate someone other than him- or her- self to receive any refund due at the completion of all deposit/refund projects at the site listed below. In the absence of this form, the property owner will receive any refund. Only one person at any one time may be designated to receive any refund.

SITE NUMBER/ADDRESS:

PROPERTY OWNER

Site Number

SHELL OIL COMPANY

SHELL OIL COMPANY

Company Name

Owner's Name

999 SAN PABLO AVENUE

1390 WILLOW PAST ROAD, SUITE # 900

Street Address

Owner's address

ALBANY, CALIF. 94706

CONCORD, CALIF. 94524

City

Zip Code

Owner's City

State

Zip

I designate the following person to receive any refund due at the completion of all deposit/refund projects:

A & S ENGINEERING

Name

45 QUAIL COURT, SUITE # 303

Street Address

WALNUT CREEK, CALIF. 94596

City / Zip

Property Owner Signature

Jeff John Byram

Date

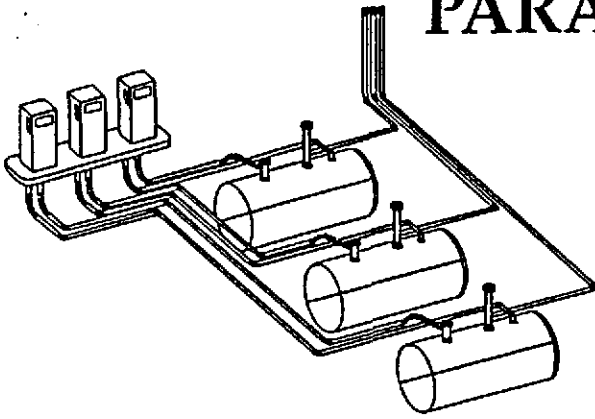
12/20/95

Property Owner Name

SHELL OIL COMPANY

RETURN FORM TO: Alameda County, Hazardous Materials Div.
 200 Lakeside Way, Rm 200
 Oakland, CA 94612-1204

PARADISO MECHANICAL, INC



GENERAL & PETROLEUM CONTRACTORS
and ENVIRONMENTAL SERVICES

P.O. BOX 1836
2600 WILLIAMS STREET
SAN LEANDRO, CA 94577

LICENSE NO. 67790
PHONE (510) 614-8396
FAX (510) 614-8396

S I T E H E A L T H

&

S A F E T Y P L A N

SHELL
999 SAN PABLO AVENUE
ALBANY, CA

PARADISO PROJECT #96-483

AUGUST 1996

EMERGENCY INFORMATION

IN CASE OF AN EMERGENCY, USE THIS SHEET

EMERGENCY PHONE NO:	911
SITE ADDRESS:	999 SAN PABLO AVENUE ALBANY, CA
NEAREST INTERSECTION:	HWY 101/RIVER ROAD

SITE LOCATION

(SEE ATTACHED MAP)

999 SAN PABLO AVE, ALBANY



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1.0 INTRODUCTION

Paradiso Mechanical will furnish labor and equipment to replace tanks & dispensers.

This Health & Safety Plan is based on the work plan activities and the requirements of Title 29 of the Code of Federal Regulations, Section 1910.120 (29 CFR 1910.120).

2.0 WORK ACTIVITIES

The following subsections provide a description of the various work performed at the site, as well as health and safety hazards associated with each task.

2.1 SITE SECURITY

Access during all on-site activities will be restricted to authorized personnel. All personnel and authorized visitors must contact the Site Foreman/Safety Coordinator prior to entering and exiting the site.

3.0 ON-SITE ORGANIZATION

Each person shall be responsible for following the Health and Safety Plan's guidelines at the site. The Safety Officer is the appointed Foreman and his duties are as follows:

- Ensure that the Health and Safety Plan is implemented;
- Conduct "tailgate" meetings on a weekly basis and document items discussed;
- Conditions may change on site. Determine extent and conduct "tailgate" meetings on a basis that relates to conditions on site. Document items discussed.
- Stop work if the health and safety of workers is in question;
- Observe workers for signs and symptoms of exposure or heat stress;
- Evaluate the effectiveness of the personal protective equipment program on an ongoing basis and upgrade the program as needed;
- Inform the Field Supervisor of any deficiencies or changes in health and safety practices;

- Perform daily review of the work practices and compliances with this Health and Safety Plan;
- Determine exclusion zones and assign personnel duties at each zone in case of an emergency;
- Prevent unauthorized personnel or equipment from entering the exclusion zones;

All essential and nonessential personnel entering or exiting any of the exclusion zones must comply with health and safety practices and procedures described in this Health and Safety Plan.

3.1 PROJECT CONTACTS

Unanticipated occurrences at the site must be reported to the following personnel as soon as possible:

- ERIC V. MONTESANO, Safety Coordinator 510-614-8390 ✓
Paradiso Mechanical, Inc.
San Leandro, CA 94577
- PAUL PARADISO, Project Manager 510-614-8390
Paradiso Mechanical, Inc.
San Leandro, CA 94577
- BRETT HOVLAND, Engineer 510-675-6149
Shell Oil Company
Concord, CA

3.2 HEALTH AND SAFETY HAZARDS

Health and safety concerns on site may consist of:

- Chemical hazards:
 - Diesel, Gasoline, Benzene, Toluene, Ethyl Benzene and Xylenes.
- Physical hazards:
 - Operation of heavy equipment;
 - Semi-Trucks/Automobiles and other vehicle traffic;
 - Excavation pits/trenches;
 - Underground electrical, water and sewer lines.

3.3 HAZARD ANALYSIS

To the best of our knowledge, the property previously operated gasoline, diesel, and waste oil tanks. Historic data and evaluation of subsurface data indicates the presence of elevated levels of petroleum hydrocarbons.

3.4 EXPOSURE PREVENTION AND SAFETY REQUIREMENTS

This section describes the hazard and danger of exposure to chemicals and physical hazards present at the site. Possible contingency plans and safety requirements are also presented on this section.

3.4.1 HAZARD EXPOSURE GUIDELINES

Substances	CAL OSHA PEL	1990-91 ZSVHOJ/ TLV
Benzene	1 ppm (TWA) 25 ppm (Ceiling)	1 ppm (TWA)
Toluene	100 ppm (TWA) 150 ppm (STEL)	100 ppm (TWA) 150 ppm (STEL)
Ethylbenzene	100 ppm (TWA) 125 ppm (STEL)	100 ppm (TWA) 125 ppm (STEL)
Xylene	100 ppm (TWA) 150 ppm (STEL)	100 ppm (TWA) 150 ppm (STEL)
Gasoline	300 ppm (TWA) 500 ppm (STEL)	300 ppm (TWA) 500 ppm (STEL)

Oil Mist	5 mg/m3 (TWA)	5 mg/m3 (TWA)
	10 mg/m3 (STEL)	10 mg/m3 (STEL)
Petroleum Distillates	400 ppm (TWA)	400 ppm (TWA)

3.4.2 DIESEL & GASOLINE FUEL HAZARDS

- A. Eye and skin exposure hazards: irritant

In case of exposure:

- Remove contaminated clothing and shoes;
- Flush affected areas with plenty of water for a minimum of 15 minutes;
- IF IN EYE, hold eyelids open and flush with plenty of water for a minimum of 15 minutes;
- If irritation or discomfort continues, seek medical aid immediately.

- B. Internal exposure hazards: Harmful if swallowed.

In case of exposure:

- Seek medical attention;
- If victim is CONSCIOUS have victim drink water or milk;
- DO NOT INDUCE VOMITING.

- C. Fire hazards: Combustible

Since flammable or combustible vapors are likely to be present, all potential sources of ignition must be eliminated. Caution must be taken to prevent the discharge of static electricity and to prevent accumulations of vapor at ground level. A combustible gas indicator should be used continuously to check hazardous vapor concentrations, lower explosive limit (LEL). Alarm of the combustible gas indicator should be set at 20% of LEL. Under alarm conditions, all work activities will cease and the area will be evacuated until the combustible vapor concentration can be controlled below 20% of the LEL. All open flame or spark-producing equipment in the area should be shut down and any electrical equipment used must be explosion proof.

In case of fire:

- Extinguish with dry chemical, foam or carbon dioxide.
- If fire cannot be extinguished within 30 seconds, call Fire Department immediately.
- Water may be ineffective on fire.

3.4.3 TRAFFIC HAZARDS

Stay at least 10 feet away from moving equipment. If closer than 10 feet:

- 1) Keep equipment in sight at all times;
- 2) Inform the operator of your location at all times.

The working area will be closed to traffic with barricades, caution tape, cones and other traffic control equipment. If the area cannot be barricaded, a flagperson will be assigned to direct traffic.

No unauthorized or unessential vehicles will be allowed to enter the barricaded area.

3.4.4 OPEN EXCAVATION PIT HAZARDS

Open excavation pits shall be clearly marked and barricaded. No confined space entry will be allowed. If a person falls into an open pit:

- DO NOT ENTER THE EXCAVATION PIT.
- If the person is conscious and can move, lower a ladder into the pit so that the person can climb out.
- If the person is unconscious, call the Fire Department.

3.4.5 UNDERGROUND POWER LINE HAZARDS

Call U.S. Alert at least 3 days before commencing excavation work. The owner will identify aboveground structures and utilities and will provide as-built blueprints for contractor use prior to start of project. If the location of underground utilities such as water, sewer or electrical lines is still unclear, the contractor will obtain the service of a utility location company before beginning any excavation. An area for excavated soil stockpile will be provided adjacent to the excavation.

If a power line is discovered or damaged during the work:

- Stop all activities.
- Stop all engines, mechanical and electrical equipment.
- Call Utility Company/U.S. Alert immediately.
(U.S. Alert - 1-800-642-2444)

In case of electrical injury:

- Shut off the source of electrical power before attempting rescue or treatment.
- Seek professional electrical personnel (Fire Department) to assist in rescue.
- Beware of, and expect, live electrical currents.

3.4.6 PERSONNEL SAFETY EQUIPMENT

The following personal protective equipment will be required AT ALL TIMES:

- Hard Hat
- Steel-toed shoes
- Safety glasses
- Nitrile gloves (required for personnel who will come in contact with soil or groundwater).

The following personal protective equipment will be optional or required as the need arises:

- Hearing protection equipment
- Coveralls - disposable (Tyvek), or fabric (any chemical protective needs).
- Gloves

Additional protection requirements are described in Section 6.0.

3.4.7 GENERAL SAFETY EQUIPMENT

The following equipment must be available and easily accessible for use:

- First Aid Kit
- Fire extinguishers (Foam, dry chemical or carbon dioxide)

Each company vehicle is equipped with the following items:

- First Aid Kit
- Fire Extinguisher
- "Stop/Slow" traffic signs
- Warning Triangle/Flair Kit

4.0 TRAINING

All personnel who may be exposed to onsite contaminants must provide documentation of the following:

- Current certification of 40 hours of (OSHA) classroom instruction/hands-on training to include:
- Three days of field experience under the supervision an experienced supervisor.
- Eight hours of annual classroom refresher training.
- Eight hours of supervisory training if a team member is a designated supervisor.
- Hazard communications training.

5.0 PROJECT-SPECIFIC TRAINING

Project-specific training and information will be provided either before traveling to the site or at the site before entry into the exclusion zone. The information and training will be documented and will include the following:

- The contents of this Health and Safety Plan
- A discussion of the health and safety hazards; protective measures and work practices for handling contaminated soil, water or equipment.

6.0 LEVELS OF PROTECTION FOR EACH WORK ZONE

Protective equipment has been selected for use in each work zone based on anticipated hazards. Specific protective equipment requirements are as follows:

- Exclusion zone - Level D protection will be required within the exclusion zone for any workers engaged in sample collection or other activities on site. Level D protection will include a hard hat, steel-toed boots, safety glasses, hearing protection, and Nitrile gloves. Coveralls are optional but recommended.
- Level C protection will be required if PID readings exceeding 100 ppm total volatile organics over background concentration are recorded in the workers breathing zone. Level C protection will consist of disposable Tyvek coveralls, steel-toed boots, chemical resistant boot covers, splash goggles, chemical resistant disposable gloves (inner) and chemical resistant outer gloves. MSHA/NIOSH approved half-face or full face air-purifying respirator with dual organic vapor cartridges.
- Support Zone - No specific requirements.

6.0.1 ASBESTOS

Protective Clothing: Whenever there is a need for removing material containing asbestos, Contractor shall provide the following protective clothing or equipment and respirators.

- Full body disposable coveralls;
- Disposable shoe covers & hood;
- Impermeable gloves;
- Approved half mask or full face respirator with HEPA filter cartridge as a minimum;
- All protective clothing shall be handled and disposed in accordance with the applicable laws.

Asbestos Caution signs shall be displayed at all entrances to the work area in accordance with applicable laws.

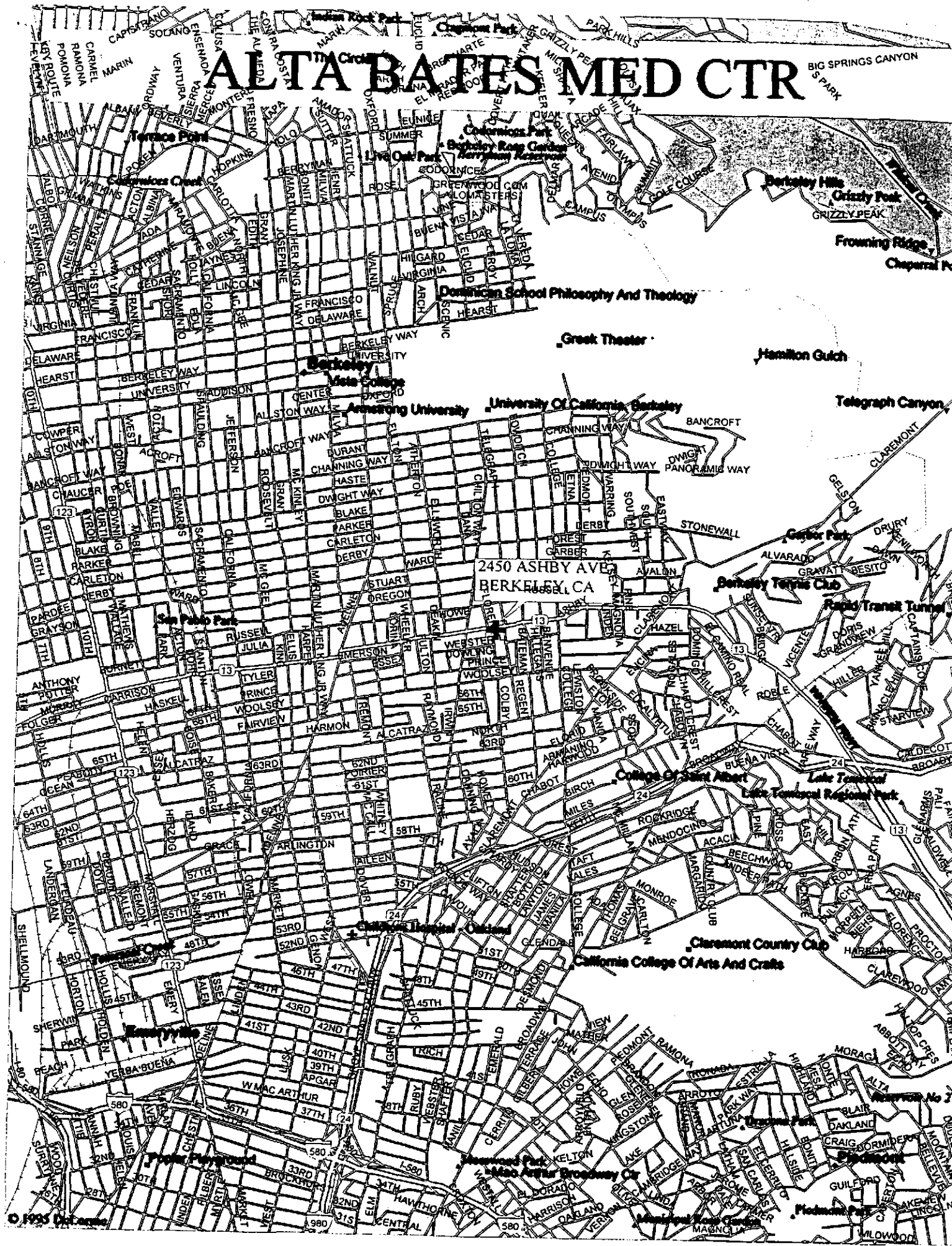
7.0 WASTE HANDLING AND DISPOSAL

The waste handling procedures discussed in the work plan will be followed. Waste generated by implementation of this Health and Safety program may include spent protective clothing such as Tyvek suits, gloves and wash and rinse solutions. Protective clothing will be collected in a lined container. Liquid wastes will be collected and pumped or poured into holding tanks with equipment decontamination rinsate.

8.0 PERSONAL INJURY

In case of a minor personal injury, general first aid procedures should be implemented. A first aid kit will be available at the site at all times. More serious injuries may require assistance from paramedics. The Field Foreman or another designated person will contact the appropriate emergency personnel by dialing 911. Field Foreman or another designated person will contact the Safety Coordinator immediately following contact of medical personnel.

ALTA BATES MED CTR



2450 ASHBY AVE
BERKELEY, CA

TO WHOM IT MAY CONCERN:

PARADISO MECHANICAL, INC. FIELD EMPLOYEES HAVE RECEIVED THE 40 HOUR TRAINING REQUIREMENT UNDER OSHA STANDARD 29CFR1910.120 HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE TRAINING. ALL FIELD EMPLOYEES COMPLETED SUCH TRAINING FROM THE OCCUPATIONAL HEALTH AND SAFETY GROUP, INC., SANTA CLARA, CALIFORNIA, AND RECEIVED CERTIFICATES FOR COMPLETION OF SUCH TRAINING. CERTIFICATES ARE LOCATED AT THE HEAD OFFICE. FIELD EMPLOYEES HAVE IN THEIR POSSESSION AT ALL TIMES THE 40 HOUR OSHA TRAINING WALLET CARD.

JOB: Shell
999 San Pablo Avenue
Albany, CA

#483

SIGNATURE SHEET

I have read the attached Site Health and Safety Plan
for this project and understand the contents therein.

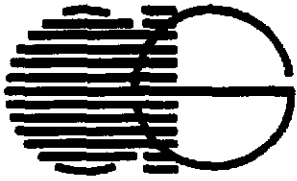
NAME

DATE

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999 SAN PABLO AVE, ALBANY





A & S ENGINEERING INC.
PLANNING • ENGINEERING • CONSTRUCTION MANAGEMENT
45 QUAIL COURT, STE. 303, WALNUT CREEK, CA. 94596 • PHONE: 510-933-0578 • FAX 510-933-0588

STIP 3670

September 3, 1996

Alameda County
Environmental Health Department
1131 Harbor Bay Parkway
Suite #250
Alameda, Ca 94502-6577

Attn. Susan Hugo

Subj. *Shell Service Station located at 999 San Pablo Avenue, Albany, California
A & S Job #SH9482*

Dear Ms. Hugo,

The following items are in response to your plan check comment letter dated April 23, 1996:

Item #1

Comment: Signature of contractor and property owner/operator (page 6).

Response: Please see attached application page #6 with the contractor's and operator's signature.

Item #2

Comment: E.P.A. ID. Number.

Response: The E.P.A. ID. number is CAL000144242.

Item #3

Comment: Health & Safety Plan.

Response: Please see attached Site Health and Safety Plan from Paradiso Mechanical.

ENVIRONMENTAL
PROTECTION
96 SEP -4 PM 4:15

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: APRIL 23, 1996

TO: MICHAEL VAN ALLEN

A&S ENGINEERING

FAX # (510) 933-0588

Total number of pages including cover sheet 1

FROM: SUSAN HUGO

NOTE: ADDITIONAL INFORMATION NEEDED TO APPROVE PERMIT
FOR UST REMOVAL :

- 1) SIGNATURE OF CONTRACTOR & PROPERTY OWNER/OPERATOR (page 6)
- 2) EPA I.D. NUMBER
- 3) HEALTH & SAFETY PLAN
- 4) 40 HOUR HEALTH & SAFETY TRAINING CERTIFICATES OF WORKERS AT SITE
- 5) COPY OF THE WORKERS COMPENSATION INSURANCE
- 6) COMPLETE FORM A

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

Susan,

11/21/95



Attached are current plans for
999 San Pablo. I spoke with the District
Engineer & he is planning on beginning construction
early in 1996.

Call me if you have any questions @ (510) 675-6168.

Jeff

R. JEFF GRANBERRY

R. JEFF GRANBERRY

Environmental Engineer
Environmental Engineering
Western Region Retail
SHELL OIL PRODUCTS COMPANY

P.O. Box 4023
CONCORD, CA 94524
(510) 675-6168
Fax (510) 675-6172

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

*Scheduled for
Oct 1996
removal*

FAX COVER SHEET

DATE: APRIL 23, 1996

TO: MICHAEL VAN ALLEN

A&S ENGINEERING

FAX # (510) 933-0588

Total number of pages including cover sheet 1

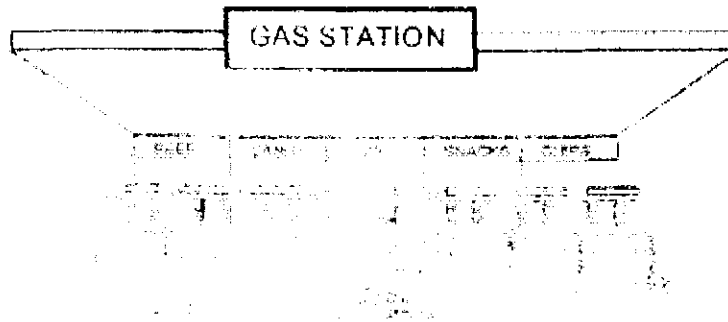
FROM: SUSAN HUGO

NOTE: ADDITIONAL INFORMATION NEEDED TO APPROVE PERMIT
FOR UST REMOVAL :

- 1) SIGNATURE OF CONTRACTOR & PROPERTY OWNER/OPERATOR (page 6)
- 2) EPA I.D. NUMBER
- 3) HEALTH & SAFETY PLAN
- 4) 40 HOUR HEALTH & SAFETY TRAINING CERTIFICATES OF WORKERS AT SITE.
- 5) COPY OF THE WORKERS COMPENSATION INSURANCE
- 6) COMPLETE FORM A

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

FAX TRANSMITTAL



Date: September 1996

To: Sue Hugo

Company: Alameda Co

Fax #: (510) 377-4444

Re: Shell Station

A & S Job # SH948

Message:

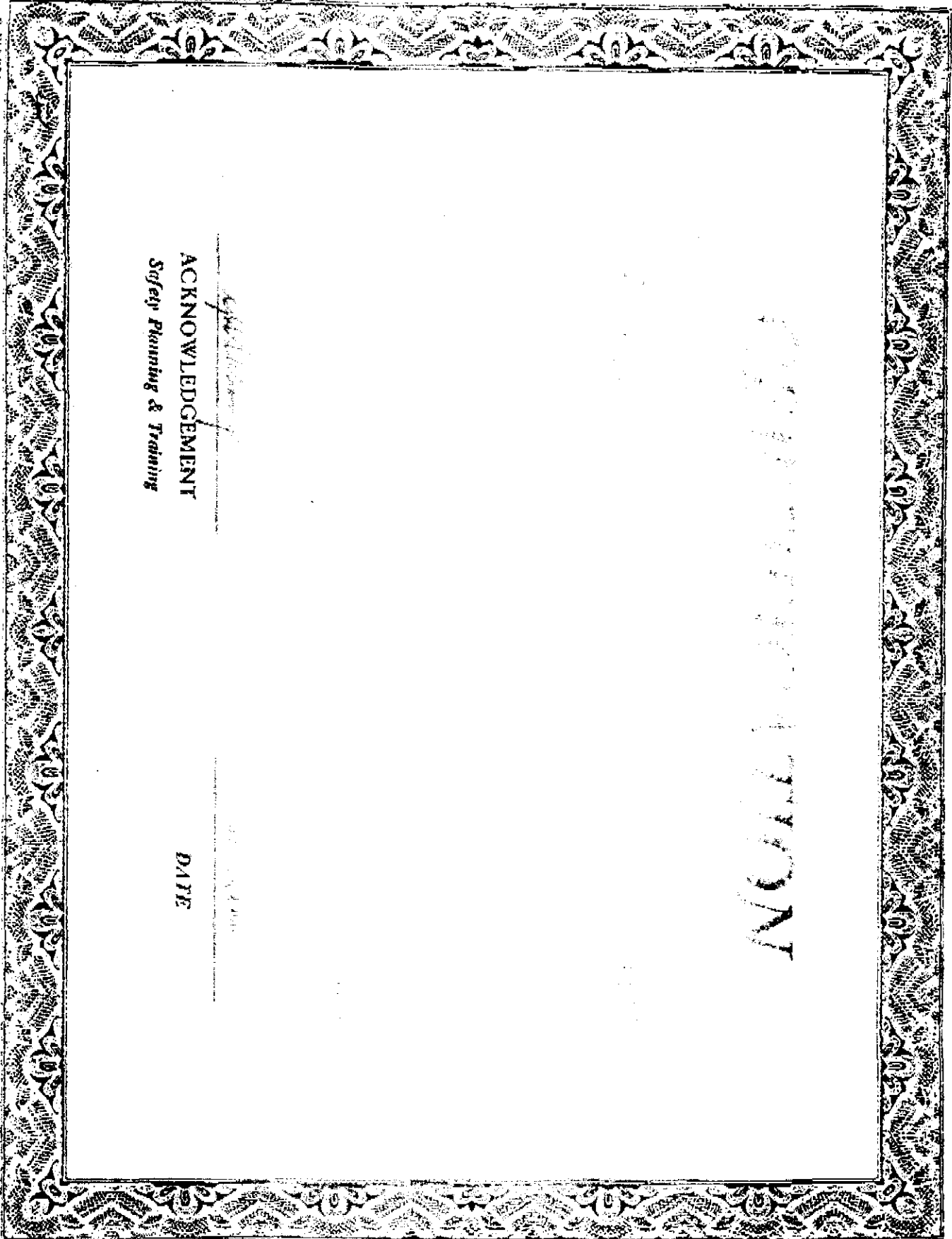
(per our phone call
you requested.)

If you have any

please contact us.

A & S Engineering - 45 Quail Hill Road, Suite 200, Walnut Creek, CA 94596 * Phone: (510) 933-0578 * Fax: (510) 933-0588

SEP-12-96 THU 10:23 AM



NOTIFICATION

ACKNOWLEDGEMENT

Safety Planning & Training

DATE

NOTIFICATION

ACKNOWLEDGEMENT

Safety Planning & Training

DATE

CERTIFICATION

[Signature]
ACKNOWLEDGEMENT
Safety Planning & Training

DATE

[Signature]

CERTIFICATION

SEP-12-96 THU 10:25 AM

9-13-1996 9:40AM

FROM AS ENGINEERING 5109330588

P.04

P.4

of the
ACKNOWLEDGEMENT
Safety Planning & Training

DATE

CERTIFICATION

ACKNOWLEDGEMENT
Safety Planning & Training

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: SHELL SERVICE STATION

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN	
A. OWNER'S TANK I. D. # <u>3</u>	B. MANUFACTURED BY: <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>UNKNOWN</u>	D. TANK CAPACITY IN GALLONS: <u>10,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.		
A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 4 OIL <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 95 UNKNOWN	B. <input checked="" type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE
C. <input type="checkbox"/> 1a REGULAR UNLEADED <input checked="" type="checkbox"/> 1b PREMIUM UNLEADED <input type="checkbox"/> 2 LEADED		<input type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 6 AVIATION GAS <input type="checkbox"/> 7 METHANOL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D, BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED		C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E				
A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input checked="" type="checkbox"/> 95 UNKNOWN	
	<input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER	
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS	<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM	<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING	<input type="checkbox"/> 4 PHENOLIC LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___				
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>UNKNOWN</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>UNKNOWN</u>	

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE				
A. SYSTEM TYPE	A U 1 SUCTION	<u>A U</u> 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	<u>A U</u> 95 UNKNOWN A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	<u>A U</u> 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input checked="" type="checkbox"/> 99 OTHER <u>UNKNOWN</u>

V. TANK LEAK DETECTION				
<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION		
1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>APPROX. JAN 1996</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>0</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Tom Pihl (ATS ENGINEERING)</u>	DATE <u>10-31-95</u>
---	-------------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW				
STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: SHELL SERVICE STATION, 999 SAN PABLO AVE, ALBANY

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN

A. OWNER'S TANK I.D.# <u>2</u>	B. MANUFACTURED BY: <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>UNKNOWN</u>	D. TANK CAPACITY IN GALLONS: <u>10,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.

A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input type="checkbox"/> 1a REGULAR UNLEADED	<input type="checkbox"/> 3 DIESEL	<input type="checkbox"/> 6 AVIATION GAS
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 1b PREMIUM UNLEADED	<input type="checkbox"/> 4 GASAHOL	<input type="checkbox"/> 7 METHANOL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 2 LEADED	<input checked="" type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)	
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED <u>UNLEADED PLUS</u>					C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E

A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input checked="" type="checkbox"/> 95 UNKNOWN
	<input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC
			<input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP
			<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 8 UNLINED	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 PHENOLIC LINING
			<input type="checkbox"/> 99 OTHER
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
			<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) <u>UNKNOWN</u>		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>UNKNOWN</u>

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE

A. SYSTEM TYPE	A U 1 SUCTION	A <u>(U)</u> 2 PRESSURE	A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION	A U 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH	A <u>(U)</u> 95 UNKNOWN
				A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)	A U 4 FIBERGLASS PIPE
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 7 STEEL W/ COATING	A U 8 100% METHANOL COMPATIBLE W/FRP
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A <u>(U)</u> 95 UNKNOWN	A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING	<input checked="" type="checkbox"/> 99 OTHER <u>UNKNOWN</u>

V. TANK LEAK DETECTION

<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING	<input type="checkbox"/> 5 GROUND WATER MONITORING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN	<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION

1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>APPROX. JAN. 1996</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>0</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
---	---	---

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>TOM HERR TOM POK (AAS ENGINEERING)</u>	DATE <u>10-31-95</u>
---	-------------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW

STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED.
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATIONS

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: SHELL SERVICE STATION, 999 SAN PABLO AVE. ALBANY

I. TANK DESCRIPTION COMPLETE ALL ITEMS - SPECIFY IF UNKNOWN	
A. OWNER'S TANK I.D.# <u>1</u>	B. MANUFACTURED BY: <u>UNKNOWN</u>
C. DATE INSTALLED (MO/DAY/YEAR) <u>UNKNOWN</u>	D. TANK CAPACITY IN GALLONS: <u>10,000</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.		
A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL <input type="checkbox"/> 2 PETROLEUM <input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 4 OIL <input type="checkbox"/> 80 EMPTY <input type="checkbox"/> 95 UNKNOWN	B. <input checked="" type="checkbox"/> 1 PRODUCT <input type="checkbox"/> 2 WASTE
C. <input checked="" type="checkbox"/> 1a REGULAR UNLEADED <input type="checkbox"/> 1b PREMIUM UNLEADED <input type="checkbox"/> 2 LEADED		<input type="checkbox"/> 3 DIESEL <input type="checkbox"/> 4 GASAHOL <input type="checkbox"/> 5 JET FUEL <input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED		C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E		
A. TYPE OF SYSTEM <input type="checkbox"/> 1 DOUBLE WALL <input type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER <input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank) <input type="checkbox"/> 1 BARE STEEL <input type="checkbox"/> 5 CONCRETE <input type="checkbox"/> 9 BRONZE		
<input type="checkbox"/> 2 STAINLESS STEEL <input type="checkbox"/> 6 POLYVINYL CHLORIDE <input type="checkbox"/> 10 GALVANIZED STEEL		
<input type="checkbox"/> 3 FIBERGLASS <input type="checkbox"/> 7 ALUMINUM <input checked="" type="checkbox"/> 95 UNKNOWN		
<input type="checkbox"/> 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 8 100% METHANOL COMPATIBLE W/FRP <input type="checkbox"/> 99 OTHER		
C. INTERIOR LINING <input type="checkbox"/> 1 RUBBER LINED <input type="checkbox"/> 5 GLASS LINING		
<input type="checkbox"/> 2 ALKYD LINING <input type="checkbox"/> 6 UNLINED		
<input type="checkbox"/> 3 EPOXY LINING <input checked="" type="checkbox"/> 95 UNKNOWN		
<input type="checkbox"/> 4 PHENOLIC LINING <input type="checkbox"/> 99 OTHER		
IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION <input type="checkbox"/> 1 POLYETHYLENE WRAP <input type="checkbox"/> 5 CATHODIC PROTECTION		
<input type="checkbox"/> 2 COATING <input type="checkbox"/> 91 NONE		
<input type="checkbox"/> 3 VINYL WRAP <input checked="" type="checkbox"/> 95 UNKNOWN		
<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC <input type="checkbox"/> 99 OTHER		
E. SPILL AND OVERFILL SPILL CONTAINMENT INSTALLED (YEAR) <u>UNKNOWN</u> OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) <u>UNKNOWN</u>		

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE	
A. SYSTEM TYPE A U 1 SUCTION A <u>U</u> 2 PRESSURE A U 3 GRAVITY	A U 99 OTHER
B. CONSTRUCTION A U 1 SINGLE WALL A U 2 DOUBLE WALL A U 3 LINED TRENCH	
A <u>U</u> 95 UNKNOWN A U 99 OTHER	
C. MATERIAL AND CORROSION PROTECTION A U 1 BARE STEEL A U 2 STAINLESS STEEL A U 3 POLYVINYL CHLORIDE (PVC) A U 4 FIBERGLASS PIPE	
A U 5 ALUMINUM A U 6 CONCRETE A U 7 STEEL W/ COATING A U 8 100% METHANOL COMPATIBLE W/FRP	
A U 9 GALVANIZED STEEL A U 10 CATHODIC PROTECTION A <u>U</u> 95 UNKNOWN A U 99 OTHER	
D. LEAK DETECTION <input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR <input type="checkbox"/> 2 LINE TIGHTNESS TESTING <input type="checkbox"/> 3 INTERSTITIAL MONITORING <input checked="" type="checkbox"/> 99 OTHER <u>UNKNOWN</u>	

V. TANK LEAK DETECTION		
<input type="checkbox"/> 1 VISUAL CHECK <input type="checkbox"/> 2 INVENTORY RECONCILIATION <input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING <input type="checkbox"/> 5 GROUND WATER MONITORING <input type="checkbox"/> 6 TANK TESTING <input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE <input checked="" type="checkbox"/> 95 UNKNOWN <input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION		
1. ESTIMATED DATE LAST USED (MO/DAY/YR) <u>APPROX JAN. 1996</u>	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING <u>0</u> GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>TOM FISKE TO-PHASE (ATS ENGINEERING)</u>	DATE <u>10-31-95</u>
---	-------------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW				
STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #	TANK #
[] [] [] []	[] []	[] [] [] []	[] [] [] []	[] [] [] []
PERMIT NUMBER	PERMIT APPROVED BY/DATE		PERMIT EXPIRATION DATE	

THIS FORM MUST BE ACCOMPANIED BY A PERMIT APPLICATION - FORM A, UNLESS A CURRENT FORM A HAS BEEN FILED
FILE THIS FORM WITH THE LOCAL AGENCY IMPLEMENTING THE UNDERGROUND STORAGE TANK REGULATION

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

July 17, 1996

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

Mr. Jeff Granberry
Shell Oil Products Co.
P.O. Box 4023
Concord, California 94524

RE: Soil Characterization Work Plan - Shell Service Station
999 San Pablo Avenue, Albany, California 94612
STID #3670

Dear Mr. Granberry:

This office has reviewed the soil characterization work plan dated June 5, 1996, prepared and submitted by Weiss Associates to obtain pre-approval from appropriate landfill facility to accept excavated soil that will be generated during the removal of one 8,000 gallon steel tank at the above referenced site.

The work plan is acceptable provided that the excavated soil will be properly disposed off site and will not be used/disposed at the subject property. You will need to provide our office with the records of the disposal of the excavated soil which should be included in the Underground Storage Tank Removal Report.

Please provide our office 72 hours advance notice of any field activity at the site.

You may reach me at (510) 567-6780 concerning any questions you may have regarding this letter or the subject site.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files
Kevin Graves, San Francisco Bay RWQCB
Yi-Ran Wu, Weiss Asso., 5500 Shellmound Street,
Emeryville, CA 94608

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, DIRECTOR

April 18, 1996

Mr. R Jeff Granberry
Shell Oil Products Company
P.O. Box 4023
Concord, California 94524

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

RE: Shell Oil Company Sites

Dear Mr. Granberry:

Recently, reports for the Shell Oil Company sites have been submitted to different inspectors / case officers that are not the assigned case workers. I'm currently overseeing the investigation / cleanup of the following Shell Oil Company sites in this department:

<u>STID#</u>	<u>Site Name</u>	<u>Address</u>
3670	Melina Albany Shell	999 San Pablo Avenue, Albany 20121
814	Bay Super Shell	1800 Powell Street, Emeryville
381	Shell Oil Company	3420 San Pablo Ave., Oakland
3613	Former Shell Oil	500 40th Street, Oakland
413	Pill Hill Shell	2800 Telegraph Ave., Oakland
3673	Shell Service Station	230 W MacArthur Blvd., Oakland
3618	Broadway Shell	5755 Broadway, Oakland

Please inform your consultants that all quarterly monitoring reports and work plans for the above mentioned sites should be submitted to my attention.

If you have any questions concerning this letter, please call me at (510) 567-6780.

Sincerely,

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Jun Makishima, Interim Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files

LOP - CHANGE RECORD REQUEST FORM

printed:
11/20/95

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp:

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
 StID : 3670 LOC:
 SITE NAME: Melina Albany Shell DATE REPORTED : 02/05/90
 ADDRESS : 999 San Pablo Ave DATE CONFIRMED: 02/05/90
 CITY/ZIP : Albany 94706 MULTIPLE RPs : Y

SITE STATUS

CASE TYPE: G CONTRACT STATUS: 4 PRIOR CODE:2B3 EMERGENCY RESP:
 RP SEARCH: S DATE COMPLETED: 02/21/92
 PRELIMINARY ASMNT: U DATE UNDERWAY: 01/29/90 DATE COMPLETED:
 REM INVESTIGATION: DATE UNDERWAY: DATE COMPLETED:
 REMEDIAL ACTION: DATE UNDERWAY: DATE COMPLETED:
 POST REMED ACT MON: DATE UNDERWAY: DATE COMPLETED:

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 02/02/92
 LUFT FIELD MANUAL CONSID: HSCAWG
 CASE CLOSED: DATE CASE CLOSED:
 DATE EXCAVATION STARTED : REMEDIAL ACTIONS TAKEN: UK

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: ~~Jack Brastad~~
 COMPANY NAME: Shell Oil Co.
 ADDRESS: P O Box 4023
 CITY/STATE: Concord, C A 94524

RP#2-CONTACT NAME: Betty Patton Trust &
 COMPANY NAME: Mary Biggs
 ADDRESS: 3462 Rossmoor Pkwy #4
 CITY/STATE: Walnut Creek, C A 94595

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only			Case Progress Changes	
ANPNPGMS _____	LOP _____	DATE _____	LOP _____	DATE _____

**Alameda County Health Care Services Agency
Environmental Health Department**
1131 Harbor Bay Parkway, Alameda CA 94502-6577
Ph: 510-567-6700 FAX: 510-337-9335


Meeting Attendees

3420 San Pablo Ave. Oakland
999 San Pablo Ave, Albany
1800 Powell St. Emeryville

Subject Shell Oil Service Stations

Date 11/20/95

Location ACDEH - Room 252

Name	Affiliation	Phone # / FAX #
1		/
2		/
3		/
4		/
5		
6		
7	H. B. (BRAD) BOSCHETTO	R. JEFF GRANBERRY
8	511 N. Brookhurst Street P.O. Box 4848 ANAHEIM, CA 92803	Environmental Engineer Environmental Engineering Western Region Retail SHELL OIL PRODUCTS COMPANY
9	(714) 520-3383, FAX (714) 520-3313 (800) 447-4355 Ext. 3383 email: HB841830@shell.com	P.O. Box 4023 CONCORD, CA 94524 (510) 675-6168 Fax (510) 675-6172
10		
11		/
12	 Weiss Associates Environmental and Geologic Services	/
13		/
14	Thomas Fojut Geologist	/
15		/
16	5500 Shellmound St., Emeryville, CA 94608 • Phone: 510-547-5420 • Fax: 510-547-5043 AguaTierra Associates Incorporated, DBA	/
17		/

Photocopy to: 581-4632
Cisa waters

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 Albany Shell Car Wash Today's Date 11/3/93
 Site Address 999 San Pablo Ave. EPA ID# _____
 City Albany Zip 94706 Phone 527-8709

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)

IA GENERATOR (Title 22)

- ___ 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
- ___ 11. Treatment 66371
- ___ 12. On-site Disp. (H.S.&C.) 26189.5
- ___ 13. Ex Haz. Waste 66570
- ___ 14. Communications 67121
- ___ 15. Aisle Space 67124
- ___ 16. Local Authority 67126
- ___ 17. Maintenance 67120
- ___ 18. Training 67105
- ___ 19. Prepared 67140
- ___ 20. Name List 67141
- ___ 21. Copies 67141
- ___ 22. Emg. Coord. Trng. 67144
- ___ 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:

There are 2 - 10,000 gal fiberglass tanks and a 8,000 gal. steel tank on-site.

Please clarify whether the pipelines are fiberglass or steel. Your "Form B" in 1988 identified the ~~right~~ pipeline as being steel, but your most recent "Form B" identified ~~the~~ the pipeline as being fiberglass.

There is a remote sill for your 8,000 gal underground tank that is not identified in your plot plan. Please make this addition.

IB TRANSPORTER (Title 22)

- ___ 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
- ___ 40. Name/ Covers 66545
- ___ 41. Recyclables 66800

A new 5-year C.B.T. permit will be issued after we receive your updated plot plan.

All drums must be properly labelled identifying their contents.

Rev 6/88

Contact: Bill Scheffler
 Title: Location Manager Inspector: Larry Soto, Don Atkinson-Adams
 Signature: [Signature] Signature: [Signature]

RESNA

Working To Restore Nature

3315 Almaden Expressway, Suite 34
San Jose, CA 95118
Phone: (408) 264-7723
Fax: (408) 264-2345

December 2, 1992
12021set
69036.05

Mr. Larry Seto
Alameda County Health Care
Services Agency
80 Swan Way, Room 200
Oakland, California 94621

Subject: Request for site information regarding Shell Station located at 999 San Pablo Avenue, Albany, California.

Dear Mr. Seto;

This is a request for a meeting to research site data of Shell Station located at ~~999 San Pablo Avenue in Albany, California.~~ This Shell Station is located in the northern vicinity (crossgradient) of ARCO Station 2035 located at 1001 San Pablo Avenue, Albany, California (see attached Site Vicinity Map, Plate 1). We are requesting a copy of a site plan showing well locations, well drill logs, results of laboratory analyses of soil samples, and groundwater monitoring and sampling data for the above mentioned Shell Station.

RESNA has been retained by ARCO Products Company to conduct an Environmental Investigation at ARCO Station 2035, and the requested data will help to delineate the extent of hydrocarbons in soil and groundwater in the northern vicinity of ARCO Station 2035.

If you should have any questions or comments regarding this request, please call me at (408) 264-7723.

Sincerely,
RESNA Industries Inc.

Barbara Sieminski

Barbara Sieminski
Assistant Project Geologist

Enclosures: Plate 1, Site Vicinity Map

DATE: 1-13-92
TO : Local Oversight Program
FROM: Larry Seto
SUBJ: Transfer of Eligible Oversight Case

Site name: Melina Albany Shell
Address: 999 San Pablo Ave. city Albany zip 94706

Closure plan attached? Y N DepRef remaining \$ _____

DepRef Project # Receipt# 568946 STID # (if any) 3670

Number of Tanks: N/A. removed? Y N Date of removal N/A.

Samples received? Y N Contamination: Gasoline

Petroleum Y N Types: Avgas Jet leaded unleaded Diesel
fuel oil waste oil kerosene solvents

Monitoring wells on site 3 Monitoring schedule? Y N Discovery: 5 Feb 90
and 4 offsite.

LUFT category 1 2 3 * H S C A R W G O

Briefly describe the following:

Preliminary Assessment Soil borings and monitoring wells installation

Remedial Action None

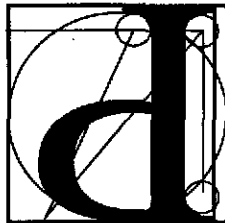
Post Remedial Action Monitoring Quarterly

Enforcement Action None.

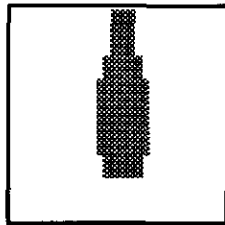
Note: There is ^{approx 5' oil} floating product in off site monitoring well S-5. ~~Shell~~ Shell may be the responsible party, or Arco at 1001 San Pablo Ave.

LaserWriter II NT

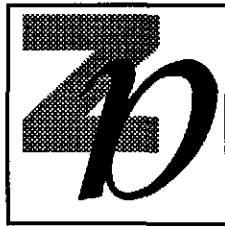
L A S E R W R I T E R ® I I N T



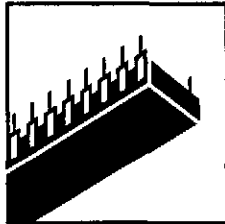
PostScript®



AppleTalk®

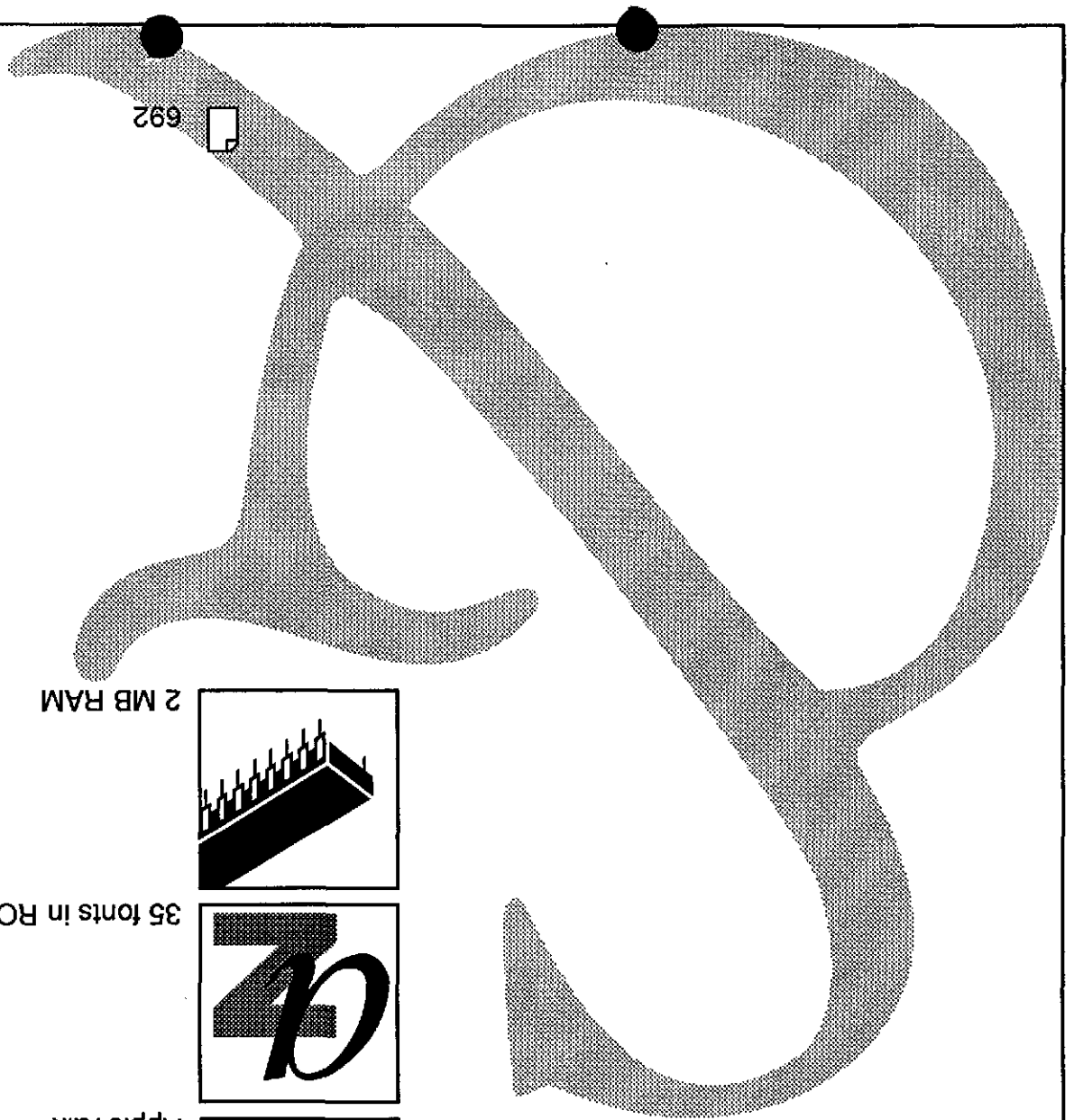


35 fonts in ROM



2 MB RAM

692



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
 SAN FRANCISCO BAY REGION
 2101 WEBSTER STREET, SUITE 600
 OAKLAND, CA 94612

Phone: (510) 464-1255
 FAX: (510) 464-1380



92 JAN -9 10:43

January 2, 1992
 UST (ES)

Mr. Paul Hayes
 Shell Oil Company
 P.O. Box 5278
 Concord, CA 94520-9998

Re: Shell Service Station WIC 204-0079-0109 at 999 San Pablo Avenue, Albany, CA

Dear Mr. Hayes:

I refer to your latest Site Update report prepared by GeoStrategies Inc. for the above referenced location dated December 26, 1991. The continuous detection of free product at your off-site monitoring well S-5 (3.51', 4.71', 5.57', 6.48' and 5.5' free product found during the sampling events on August 28, November 27 of 1990, February 11, May 13 and August 23 of 1991 respectively) and the elevated levels of TPHg at an on-site well S-2 has caused me concern about the source of contamination. Taking into consideration of the groundwater flow direction and gradient reported in the last quarter, this office would like to see a more active and diligent approach from Shell to identify if there is any on-site source of contamination and the subsequent mitigation measures required to clean up the dissolved contaminants as identified in the above-referenced report.

You may be aware that this office considers all free product cases are of high priority that needs to be addressed immediately by the property owner or tank operator. Despite the source of the free product being unknown at this moment, I will appreciate if you would conduct some temporary measures to remove the free product from S-5. In the meantime, only monitoring through sampling at the above property is considered not aggressive enough to protect the groundwater from being further degraded. Please submit a work plan to this office within 30 days from the date hereof to address the necessary investigation and interim cleanup measures. A copy of the required work plan should be sent to Alameda County Health Care Agency, Hazardous Material Division, as they are still the local lead agency for this case.

Should you have any problems, please do not hesitate to call me at 510-464-4366.

Truly yours,

Eddy So, P.E.
 Water Resource Control Engineer

cc: ~~Howell, ACH~~
 File

File
 appear at
 999 San Pablo

AS

921612



gettler — ryan inc.

general contractors

June 26, 1990

County of Alameda
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

Attention: Mr. Gil Wistar

Reference: Shell Service Station
999 San Pablo Avenue
Albany, California

Gentlemen:

As requested by Ms. Diane Lundquist of Shell Oil Company, we are forwarding a check in the amount of \$375.00 as a deposit for county oversight of the above referenced project.

A copy of the Well Installation and Soil Boring Report previously submitted to the county by Shell Oil Company is also enclosed.

Please do not hesitate to call should you have any questions or comments.

Sincerely,

John P. Werfal
Project Manager

cc: Ms. Diane Lundquist, Shell Oil Company



JULY 3, 1989

7/5/89
ALAMEDA COUNTY
DEPT. OF ENVIRONMENTAL HEALTH
HAZARDOUS MATERIALS

ALAMEDA COUNTY
DIVISION OF HAZERDOUS MATERIALS
80 SWANNWAY, ROOM 200
OAKLAND, CA 94621

RE: Tank Testing Results

Please find enclosed the underground tank testing results for Shell Oil Service Station sites in your jurisdiction. The following locations are enclosed. If you have any questions please call us at (714) 546-1227.

Sincerely,

Stephen W. Hogie
Service Station Services

SWH/js

1. 999 SAN PABLO
ALBANY, CA
WIC #204-0079-0108

CUSTOMER: SHELL
 ADDRESS: 999 SAN PABLO
 ALBANY, CA

DATE: 6-8-89

I.D. NO.: 204-01-2808

FINAL TEST RESULTS SUMMARY

NO.	SYSTEM PRODUCT	TANK SIZE		WATER INCHES	LEAK LOKATOR RESULTS			RECOMMEN- DATIONS
		GALLONS	DIA/MATL		LEVEL INCHES	AIR GPH	CONCLUSION	
1	SU U/L	10,000	95/ST	0	143	-.028	PASS	
2	U/L	10,000	95/ST	0	150	-30"	LEAK	
					119	-.026	PASS	
3	REG	8,000	91/FG	0	156	+.015	PASS	

PRODUCT LINES - HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP		POUNDS APPLIED	POUNDS HELD	MINUTES HELD	PRODUCT LOSS CC's	PRODUCT LOSS GPH	CONCLUSION /RESULT
		REMOTE	SUCTION						
1	SU U/L	RJ		50	50	15			PASS
2	U/L	RJ		50	50	15			PASS
3	REG	RJ		50	50	15			PASS

LEAK DETECTOR TEST

NO.	PRODUCT	FULL OPEN POSITION FOR 30 SECONDS		CLOSED FOR 30 SECONDS	RESULTS
1	REG.	1250 ML.		2400 ML.	PASS
2	U/L	1250 ML.		2450 ML.	PASS
3	SU U/L	1250 ML.		2400 ML.	PASS

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (IN.)	TEST TIME		LEAK RATE		TEMPERATURE COMPENSATION		ABSOLUTE LEAK RATE CC/MIN	CHECK TEST GPH Y/N
				CLOCK START	DURATION (HR-MIN)	CC/DIV	CC/MIN	DELTA °F	CC/MIN		
1	SU U/L	1	143	10:45	32M	1.875	+4.218	+.014	+6.005	-1.786	-.028
2	U/L #1	1	150	10:00	1H				-30"		
	U/L #2	2	119	11:30	30M	1.739	+.811	+.006	+2.498	-1.686	-.026
3	REG	1	156	10:00	32M	2.230	-1.363	-.007	-2.320	+.957	+.015

*LEVEL - Inches from Tank Bottom to Test Level
 AIR - Absolute Leak Rate (Measured Leak Rate - Temperature Compensation) in Gallons Per Hour.
 CONCLUSION - NFPA 329 criterion of +/- 0.05 GPA is used to certify tightness.

This is to certify that the above tank systems were tested, using the HUNTER ENVIRONMENTAL SERVICES, INC. LEAK LOKATOR according to all standard operating procedures. Those indicated as tight at full system meet the criterion established by the National Fire Protection Assn. Pamphlet 329 for Precision Testing.

Date Test Conducted: 6-8-89 Team Manager: MARTY EHLERT Associate: ERIC PRICE

Test Certification By: Pat Wheeler, Operations Manager
 Hunter Environmental
 597 Center Avenue, Suite 350
 Martinez, CA 94553
 (1-800) 321-3637

CERTIFIED

HUNTER ENVIRONMENTAL SERVICES, INC.
597 CENTER AVE. #350, MARTINEZ, CA 94553

(714) 948-5229 EPR VIC

INSIDE CALIF. 1-800-321-3637
OUTSIDE CALIF. 1-415-372-3637

Results Service S Attn: JD 2122 S. D Santa Ana

LOCATION: Shell EB #204-0079 - 2808
35 999 San Pablo Ave
MS Albany, CA 94706

DATE: 6.8.89
 COPIES TO: _____

CUSTOMER: _____

Shell Oil Company

P. O. BOX 4023, Concord, CA 94524

INVOICE

SYSTEM	TANK SIZE		WATER INCHES	PUMP DISCHARGE PRESSURE TEST	LEAK LOCATOR RESULTS*			COMMENTS/RECOMMENDATION
	GALLONS	DIA/MTL			LEVEL INCHES	GPH	CONCLUSION	
10000	95 S	0	RT	50/15	143.	1028	T	
10000	95 S	0	RT	50/15	150	-30"	LEAK	
8000	95 S	0	RT	50/15	119	1026	T	
					156	1015	T	
ALL LEAK DET. PASSED								

ADDITIONAL COMMENTS:

OTHER CHARGES: (i.e., pumpovers, overtime, etc.)

PARTS REPLACED:

*LEVEL - INCHES FROM TANK BOTTOM TO TEST LEVEL
 GPH - ABSOLUTE LEAK RATE (MEASURED LEAK RATE - TEMPERATURE COMPENSATION) IN GALLONS PER HOUR
 CONCLUSION - NPPA 329 STANDARD OF + / - 0.05 GPH IS USED TO CERTIFY TIGHTNESS

PRELIMINARY REPORT

TECHNICAL REVIEW:

6.8.89 JSTRAJEL

P. O. #
 CHARGE
 LL TES SINGLE
 LL TES SIPHON
 EXTRA TOP ST
 PRESSURE
 HEALS/Y
 PUMPOVER
 PARTS
 OVERTIME
 GENERAT
 CODE:
 COMMENT

Hunter

ENVIRONMENTAL SERVICES, INC.

11665 Lilburn Park Road
St. Louis, MO 63146
314-567-4600

TEST RESULTS

leak lokator LD 2000

DATE OF TEST
6/4/89
CONTRACT NUMBER

CUSTOMER
SHELL

LOCATION - IDENTIFICATION NUMBER
204-0079-2808

ADDRESS
999 SAN PABLO

CITY
ALBANY

STATE
CA

TEST RESULTS SUMMARY

SYSTEM	TANK SIZE	WATER INCHES	LEAK LOKATOR RESULTS*				LEAK LOKATOR USE ONLY				
			PRODUCT	GALLONS	DIA/MATL	LEVEL INCHES	ALR GPH	CONCLUSION	RECOMMENDATIONS	CONCL. CODE	TEST TANK SYS
1	5/6	10000	95/ST	0	143	-0.028	TIGHT				
2	4/6	10000	95/ST	0	VILLAGE SEE BELOW						
					119	-0.026	TIGHT				
3	REG	80000	9/EL	0	156	+0.015	TIGHT				

OTHER INFORMATION

PRODUCT LINES - HYDROSTATIC PRESSURE TEST RESULTS

NO.	SYSTEM PRODUCT	TYPE OF PUMP		# APPLIED	MINUTES APPLIED	PRODUCT LOSS CC'S	PRODUCT LOSS GPH	CONCLUSION/ RESULT
		REMOTE	SUCTION					
1	5/6	R/S		50	15			PASS
2	4/6	R/S		50	15			PASS
3	REG	R/S		50	15			PASS

NOTE: On suction systems, NEVER put more than 15 psi on any pump system.

OTHER CONTRACTORS, OFFICIALS, CUSTOMER REPRESENTATIVES PRESENT

DETAIL OF TEST RESULTS

NO.	SYSTEM PRODUCT	TEST NO.	TEST LEVEL (INCHES)	TIME		LEAK RATE		TEMPERATURE COMPENSATION		ABSOLUTE LEAK RATE		CHECK TEST Y OF N
				CLOCK START	DURATION HRS.-MIN.	CC/DIV	CC/MIN	Δ ° F	CC/MIN	CC/MIN	GPH	
1	5/6	1	143	10:45	:32	1.475	+4.218	+0.04	+6.005	-1.786	-0.028	
2	4/6	1	VILLAGE 1 HR PERIOD 150" START 120" END 30" DROP									
		2	119	11:30	:30	1.789	+1.811	+0.06	+2.494	-1.686	-0.026	
3	REG	1	156	10:00	:32	2.230	-1.363	-0.07	-2.320	+0.957	+0.015	

TANK AND LOCATION DATA

DATE: 6/4/89

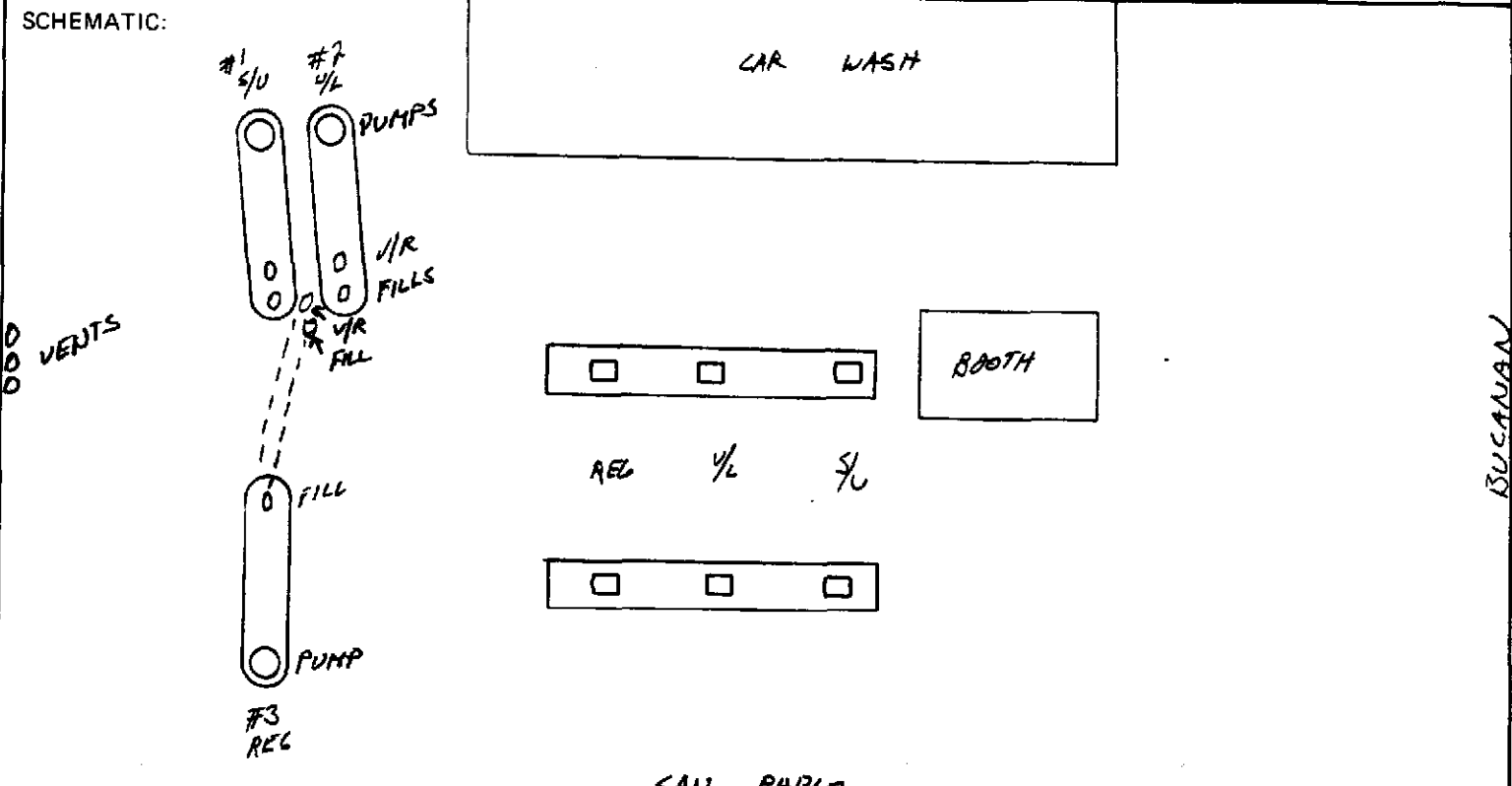
CUSTOMER: SHELL

CITY: ALBANY

I.D. # _____

STATE: CA

WEATHER	TIME	TEMPERATURE	COMMENTS
BEFORE TEST -	<u>700</u>	<u>65</u>	
AFTER TEST -	<u>100</u>	<u>73</u>	



SAN PABLO

BEFORE DELIVERY	PRODUCT/TANK NO.	1 S/U		2 1/2		3 REG		Fill	Gauge	Fill	Gauge
	LEVEL	Fill	Gauge	Fill	Gauge	Fill	Gauge				
	GALLONS										
	WATER	<u>0</u>		<u>0</u>		<u>0</u>					
	TOP OF RISER	<u>130</u>		<u>130</u>		<u>137</u>					
	GRADE	<u>135</u>		<u>134</u>		<u>144</u>					
	DROP TUBE	<u>AL</u>		<u>AL</u>		<u>AL</u>					
	CAPACITY, GALLONS	<u>10000</u>		<u>10000</u>		<u>8000</u>					
	DIAMETER, INCHES	<u>95</u>		<u>95</u>		<u>91</u>					
	MATERIAL	<u>ST</u>		<u>ST</u>		<u>FG</u>					
	PUMP TYPE	<u>R/S</u>		<u>R/S</u>		<u>R/S</u>					
	TYPE OF COVER	<u>C</u>		<u>C</u>		<u>C</u>					
	AGE OF TANK	<u>UNK</u>		<u>UNK</u>		<u>UNK</u>					
	SIPHON	<u>NO</u>		<u>NO</u>		<u>NO</u>					
	TANK OPENINGS	<u>2</u>		<u>2</u>		<u>1</u>					
	EXTRACTORS	<u>0</u>		<u>0</u>		<u>0</u>					
	TYPE	<u>2-P</u>		<u>2-P</u>		<u>2-P</u>					

BUCANAN



gettler — ryan inc.

general contractors

June 21, 1989

Mr. Stan Roller
Shell Oil Company
Post Office Box 4023
Concord, California 94520

Reference: 204-0079-01
Shell Service Station
999 San Pablo Avenue @ Marin
Albany, California
High level failure of RU2000 by Hunter

Gentlemen:

As requested, I am forwarding a description of repairs that were performed by Gettler-Ryan Inc. technicians at the above referenced location.

On June 20, 1989 Gettler-Ryan Inc. technicians performed a 5 psi nitrogen test to the RU2000 system. System held pressure for one hour. The vapor lines were then plugged off from the tank and tested with 5 psi for one hour. The lines held full pressure for one hour. Next, the tank and vent line were tested together with 5 psi for over one hour and they also held full pressure. All risers were tested and all fittings were soaped. No problems could be located.

Please do not hesitate to call should you have any questions or comments.

Timothy J. Dahl

cc: Service Station Services (Josephine)