

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 27, 2002  
RO0000380

Ms. Karen Petryna  
Shell Oil Products US  
P.O. Box 7869  
Burbank, CA 91510-7869

**Re: Former Shell Station, 2101 Park Blvd., Oakland CA 94606**

Dear Ms. Petryna:

Alameda County Environmental Health has received concurrence from the San Francisco Regional Water Quality Control Board with our recommendation for closure of the above referenced former underground tank site. Prior to formal closure, our office requires verification of proper abandonment of the three monitoring wells at the site. Please provide a copy of the well closure report as soon as possible. You may contact the Water Resources Section of the Public Works Agency at (510) 670-5554 for permit requirements.

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

Sincerely,

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

Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

W1c1 2101ParkBlvd

Ro 380  
CHAN



# State Water Resources Control Board



**Winston H. Hickox**  
Secretary for  
Environmental  
Protection

**Division of Clean Water Programs**  
1001 I Street • Sacramento, California 95814  
P.O. Box 944212 • Sacramento, California • 94244-2120  
(916) 341-5714 • FAX (916) 341-5806 • [www.swrcb.ca.gov/cwphome/ustcf](http://www.swrcb.ca.gov/cwphome/ustcf)

**Gray Davis**  
Governor

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at [www.swrcb.ca.gov](http://www.swrcb.ca.gov).*

APR -5 2001

Deborah Pryor % Equiva Services LLC  
Shell Oil Company  
P O Box 7869  
Burbank, CA 91510-7869

## UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), NOTICE OF ELIGIBILITY DETERMINATION: CLAIM NUMBER 016201; FOR SITE ADDRESS: 2101 PARK BLVD, OAKLAND

Your claim has been accepted for placement on the Priority List in Priority Class "D" with a deductible of \$10,000.

We have completed our initial review. The next step in the claim review process is to conduct a compliance review.

Compliance Review: Staff reviews, verifies, and processes claims based on the priority and rank within a priority class. After the Board adopts the Priority List, your claim will remain on the Priority List until your Priority Class and rank are reached. At that time, staff will conduct an extensive Compliance Review at the local regulatory agency or Regional Water Quality Control Board. During this Compliance Review, staff may request additional information needed to verify eligibility. Once the Compliance Review is completed, staff will determine if the claim is valid or must be rejected. If the claim is valid, a Letter of Commitment will be issued obligating funds toward the cleanup. If staff determine that you have not complied with regulations governing site cleanup, you have not supplied necessary information or documentation, or your claim application contains a material error, the claim will be rejected. In such event, you will be issued a Notice of Intended Removal from the Priority List, informed of the basis for the proposed removal of your claim, and provided an opportunity to correct the condition that is the basis for the proposed removal. Your claim will be barred from further participation in the Fund, if the claim application contains a material error resulting from fraud or intentional or negligent misrepresentation.

Record keeping: During your cleanup project you should keep complete and well organized records of all corrective action activity and payment transactions. If you are eventually issued a Letter of Commitment, you will be required to submit: (1) copies of detailed invoices for all corrective action activity performed (including subcontractor invoices), (2) copies of canceled checks used to pay for work shown on the invoices, (3) copies of technical documents (bids, narrative work description, reports), and (4) evidence that the claimant paid for the work performed (not paid by another party). These documents are necessary for reimbursement and failure to submit them could impact the amount of reimbursement made by the Fund. *It is not necessary to submit these documents at this time; however, they will definitely be required prior to reimbursement.*

Compliance with Corrective Action Requirements: In order to be reimbursed for your eligible costs of cleanup incurred after December 2, 1991, you must have complied with corrective action requirements of Article 11, Chapter 16, Division 3, Title 23, California Code of Regulations. Article 11 categorized the

corrective action process into *phases*. In addition, Article 11 requires the responsible party to submit an *investigative workplan/Corrective Action Plan* (CAP) before performing any work. This phasing process and the workplan/CAP requirements were intended to:

1. help the responsible party undertake the necessary corrective action in a cost-effective, efficient and timely manner;
2. enable the regulatory agency to review and approve the proposed cost-effective corrective action alternative before any corrective action work was performed; and
3. ensure the Fund will only reimburse the most cost-effective corrective action alternative required by the regulatory agency to achieve the minimum cleanup necessary to protect human health, safety and the environment.

In some limited situations *interim cleanup* will be necessary to mitigate a demonstrated immediate hazard to public health, or the environment. Program regulations allow the responsible party to undertake interim remedial action after: (1) notifying the regulatory agency of the proposed action, and; (2) complying with any requirements that the regulatory agency may set. Interim remedial action should only be proposed when necessary to mitigate an immediate demonstrated hazard. ***Implementing interim remedial action does not eliminate the requirement for a CAP and an evaluation of the most cost-effective corrective action alternative.***

**Three bids and Cost Preapproval:** Only corrective action costs required by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. You must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Unless waived in writing, you are required to obtain preapproval of costs for all future corrective action work. ***If you do not obtain three bids and cost preapproval, reimbursement is not assured and costs may be rejected as ineligible.***

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

**ORIGINAL SIGNED BY**

Shari Knieriem  
Claims Review Unit  
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse  
RWQCB, Region 2  
1515 Clay Street, Ste. 1400  
Oakland, CA 94612

Ms. Susan Hugo  
Alameda County EHD  
1131 Harbor Bay Pkway, 2nd Fl.  
Alameda, CA 94502-6577

Closed LOP



# State Water Resources Control Board



**Winston H. Hickox**  
Secretary for  
Environmental  
Protection

## Division of Clean Water Programs

1001 I Street • Sacramento, California 95814  
P O. Box 944212 • Sacramento, California • 94244-2120  
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**Gray Davis**  
Governor

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at [www.swrcb.ca.gov](http://www.swrcb.ca.gov).*

MAR -2 2001

Deborah Pryor  
c/o Equiva Services LLC  
Shell Oil Company  
P O Box 7869  
Burbank, CA 91510-7869

*LDP 229  
PC*

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, REQUEST FOR FURTHER DOCUMENTATION DURING INITIAL REVIEW: CLAIM NUMBER 016201; FOR SITE ADDRESS: 2101 PARK BLVD, OAKLAND

After reviewing your claim application to the Cleanup Fund, we find that the following additional information is needed to determine your eligibility for placement on the Priority List:

A copy of the permit to own or operate the waste oil UST that was removed in 1995 issued by the local implementing agency dated between January 1, 1984 and January 1, 1990 (pursuant to Chapter 6.7 of the Health and Safety Code).

Also, provide a copy of the UST removal permits for all USTs removed from this site.

**NOTE:** Failure to respond to this request within thirty (30) calendar days from the date of this letter may result in an ineligibility determination of your claim.

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

Shari Knieriem  
Claims Review Unit  
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse  
RWQCB, Region 2  
1515 Clay Street, Ste 1400  
Oakland, CA 94612

Ms Susan Hugo  
Alameda County EHD  
1131 Harbor Bay Pkway, 2nd Fl  
Alameda, CA 94502-6577

**COPY**

May 1, 2000

StID # 229

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91501

**Re: Former Shell Station, 2101 Park Blvd., Oakland CA 94606**

Dear Ms. Petryna:

Thank you for the submission of the **Additional Subsurface Investigation Work Plan** dated April 14, 2000 submitted in your behalf by Cambria, your consultant. This work plan responds to the County's March 14, 2000 letter requesting this additional work to complete site investigation. We anticipate that this additional investigation will complete the requirements necessary for our review for site closure.

The work plan calls for the installation of two temporary geoprobe borings, one on-site and one off-site down-gradient of the former first and second generation fuel dispensers. Soil and groundwater samples will be collected and analyzed from the on-site boring and a water only sample will be sampled from the off-site wells. These samples will be analyzed for TPHg, BTEX and MTBE. This work plan is accepted. Please inform me prior to performing this work.

I may be reached at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files

Mr. F. Schlessinger & A. Hellman Trust, 333 Kearney St., San Francisco, CA 94108

Mr. T. Buggle, Cambria, 1144 65<sup>th</sup> St., Suite B., Oakland CA 94608

Mr. S. Markara, Goodyear Tire & Rubber Co., 1144 E. Market St., Akron OH 44316-0001

Wpap2101Park

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

March 14, 2000  
StiD # 229

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank, CA 91501

**Re: Former Shell Station, 2101 Park Blvd., Oakland, CA 94606**

Dear Ms. Petryna:

As you are aware, our office is reviewing the above referenced site for potential site closure. We have also been reviewing the recently submitted Risk Based Corrective Action (RBCA) evaluation submitted by your consultant, Cambria. Upon our review, it appears that the extent of the petroleum release has not been defined down-gradient of the former dispenser islands and monitoring well, S-3. It is noted that the soil samples from the former dispenser islands detected elevated TPHg and benzene, however, no groundwater samples were ever taken.

Our office, therefore, requests that additional borings be advanced down-gradient of this area, perhaps onsite, immediately down-gradient of former boring S-I. In addition, because of the likelihood of encountering impacted soil and/or groundwater in this boring, please consider advancing an additional boring further down-gradient, across Park Boulevard. Both soil and groundwater samples should be collected from the onsite boring, whereas, the off-site boring need only collect a groundwater sample. These samples should be analyzed for TPHg, BTEX and MTBE.

**Please provide your written response to this letter within 30 days or no later than April 17, 2000.**

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C B Chan. files

Mr. F. Schlessinger & A. Hellman Trust, 333 Kearney St., San Francisco, CA 94108  
Mr. T. Buggle, Cambria, 1144 65<sup>th</sup> St., Suite B, Oakland CA 94608  
Addssi2101Park



COPY

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

December 14, 1999  
StID # 229

Ms Karen Petryna  
Equiva Services LLC  
P.O. Box 7869  
Burbank CA 91501-7869

**Re: Request for Tier 2 RBCA for 2101 Park St., Oakland CA 94606**


Dear Ms. Petryna:

This letter follows up on my past letters to you requesting the submittal of a Tier 2 Risk Based Corrective Action evaluation for the above site. My past letters were dated February 19 and August 26, 1999. The latter letter informed you of the City of Oakland's site specific RBCA, which may be applicable for this site. A September 16, 1999 letter from Cambria, your consultant, stated that they had contacted Mr. Mark Gomez of the City of Oakland and were obtaining the information necessary to perform a RBCA evaluation.

As you are aware, it is anticipated that existing soil and groundwater concentrations would not pose a health risk and that site closure should be recommended. If this is the case, please also include a Risk Management Plan. **Please submit your Tier 2 RBCA to our office within 30 days or no later than January 18, 2000.**

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

Sincerely,

  
Barney M. Chan  
Hazardous Materials Specialist

C. B. Chan, files

Mr. Troy Buggle, Cambria Environmental Technology, Inc., 1144 65<sup>th</sup> St., Suite B,  
Oakland CA 94608

Mr F Schlessinger & A Hellman Tr . 333 Kearny St , San Francisco, CA 94108

Mr S Makara, Goodyear Tire & Rubber Co . 1144 E Market St , Akron OH 44316-0001  
2ndRBCA2101

C A M B R I A

ENVIRONMENTAL  
PROTECTION

99 SEP 20 PM 4: 10

September 16, 1999

Barney Chan  
Alameda County Health Care Services  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

#229

Re: **Former Shell-branded Service Station**  
2101 Park Boulevard  
Oakland, California 94606  
Incident # 97088251  
Cambria Project # 241-0865



Mr. Chan,

In response to your letter to Karen Petryna of Equiva Services LLC (Equiva) dated August 26, 1999, Cambria Environmental Technology, Inc. (Cambria) is evaluating the potential for utilizing the newly-developed Oakland RBCA guidelines for the above-referenced site. Cambria has contacted Mr. Mark Gomez of the City of Oakland to obtain the information necessary to verify eligibility and develop revised SSTLs for the site based upon site specific depth to water values. In the case that the residual soil and groundwater concentrations are less than the SSTLs, Cambria will proceed with requesting site closure.

Please call us at (510) 420-0700 if you have any questions or comments.

Sincerely,

**Cambria Environmental Technology, Inc.**

Troy A. Buggle  
Sr. Staff Scientist

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

Cambria  
Environmental  
Technology, Inc.

Cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California 90749-6249  
Mr. F. Schlessinger & A. Hellman Tr., 333 Kearny St., San Francisco, CA 94108  
Mr. S. Makara, Goodyear Tire & Rubber Co., 1144 E. Market St., Akron, OH  
44316-0001

G: Oakland2101 Response

1131 Harbor Bay 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



ENVIRONMENTAL HEALTH SERVICES

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

August 26, 1999  
StID # 229

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson, CA 90749

**Re: Former Shell Station, 2101 Park Blvd., Oakland CA 94606**

Dear Ms. Petryna:

This letter is to update you on new developments within the City of Oakland, which may affect the risk evaluation previously requested for the above site. As you may recall, our office previously requested a Tier 2 Risk Based Corrective Action (RBCA) evaluation for this site because the residual soil and groundwater concentrations exceeded the Tier 1 ASTM look-up values. Since this time, the City of Oakland has authored, through their Urban Land Development Program, their own RBCA document. Through using site specific input parameters for the three general soil types found in Oakland and other conservative assumptions, Oakland Tier 2 Site Specific Target Levels (SSTL) have been developed. The City requires the evaluation of the site to determine if it is eligible for using the Oakland RBCA. It appears that this site may be eligible to use the City of Oakland RBCA with the exception of the need to modify the Tier 2 calculation to account for the actual depth to water at this site.

Our office recommends that you contact Mr. Mark Gomez of the City of Oakland @ (510) 238-7314 to obtain the information necessary to verify eligibility and develop revised SSTLs for the site based upon site specific depth to water values. Should the residual soil and groundwater concentrations be less than the SSTL, you may request site closure.

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

Sincerely,

A handwritten signature in black ink, appearing to read "Barney M. Chan". The signature is fluid and cursive, with the first name being the most prominent.

Barney M. Chan  
Hazardous Materials Specialist

C B Chan, files

Mr J Neely, Cambria Environmental, 270 Perkins St, P O Box 259, Sonoma CA 95476

Mr F Schlessinger & A Hellman Tr, 333 Kearny St, San Francisco, CA 94108

Mr S Makara, Goodyear Tire & Rubber Co, 1144 E Market St, Akron OH 44316-0001

OakRBCA2101

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

June 21, 1999  
StID # 229

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson, CA 90749

**Re: Former Shell Station, 2101 Park St., Oakland CA 94606**

Dear Ms. Petryna:

Our office has received and reviewed the May 15, 1999 First Quarter 1999 monitoring report for the above site, prepared by Cambria, your consultant. These results are consistent with the prior results. To facilitate site closure, our office again reiterates the recommendations of my February 19, 1999 ie install oxygen releasing compound in wells S-2 and S-3 to encourage natural bio-degradation and perform a Tier 2 RBCA. Please contact Ms. Madhulla Logan at (510) 567-6764 or myself at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files

F. Schlessinger & A. Hellman Trust, 333 Kearny St., San Francisco, CA 94108  
Mr. Steve Makara, Goodyear Tire and Rubber Co., 1144 E. Market St, Akron, OH  
44316-001

2Tier2-2101

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

February 19, 1999  
StID # 229

Ms. Karen Petryna  
Equiva Services LLC  
P.O. Box 6249  
Carson, CA 90749

**Re: Request for a Tier 2 Risk Based Evaluation for the Former Shell Station, 2101 Park St., Oakland CA 94606**

Dear Ms. Petryna:

Our office has reviewed the above referenced site per your consultant's request to determine if it may be eligible for site closure. It appears, however, that a conservative Tier 1 evaluation of both residual soil and groundwater benzene may pose an excessive risk to human health in excess of 1E-5. However, we believe that upon using an average value for soils and groundwater concentrations, the site may pass a Risk Based Corrective Action (RBCA) evaluation. Therefore, we request that a Tier 2 RBCA evaluation be performed for the site.

You may contact Ms. Madhulla Logan at (510) 567-6764 or myself at (510) 567-6765 to determine the specific parameters of your evaluation. Until your evaluation is submitted, our office recommends the continual use of oxygen releasing compound (ORC) in wells S-2 and S-3 and quarterly groundwater monitoring.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

✓ C: B. Chan, files

F. Schlessinger & A. Hellman Trust, 333 Kearny St., San Francisco, CA 94108  
Mr. Steve Makara, Goodyear Tire and Rubber Co., 1144 E. Market St., Akron, OH  
44316-0001

Tier2-2101

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ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY



May 27, 1998  
DAVID R. KEARS, Agency Director  
StID # 229

Mr. Alex Perez  
Shell Oil Products Co.  
P.O. Box 8080  
Martinez, CA 94553

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

Re: Groundwater Monitoring at Former Shell Service Station, 2101  
Park St., Oakland CA 94606

Dear sire

Our office has received and reviewed the May 15, 1998 **First Quarter 1998 Quarterly Monitoring Report** for the above site as prepared by Cambria. It appears that the ongoing problem at the site is the gasoline and BTEX groundwater plume near the former third generation underground tanks. This area is monitored by well S-3.

At this point, our office recommends the discontinuance of sampling and analysis of monitoring wells S-1 and S-2 given their consistent low to non-detect concentrations of analytes. Please continue to take groundwater elevation and dissolved oxygen readings from all wells and continue to sample and analyze well S-3. All quality control samples should be done on sample S-3. For the sake of economy, you may want to run samples for MTBE by EPA Method 8020 and only confirm its presence by EPA Method 8260. Since you are relying on enhanced bioremediation at this site, please monitor dissolved oxygen in the wells and replace the ORC when the dissolved oxygen in S-3 is less than optimum.

When concentrations have stabilized and no potential human health risk is shown, you may request site closure.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

C: B. Chan, files  
Ms. D. Lundquist, Cambria, 270 Perkins St., P.O. Box 259,  
Sonoma, CA 95476



RO380

December 22, 1997

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

**Re: ORC Implementation**  
Former Shell Service Station  
2101 Park Blvd.  
Oakland, California  
204-5508-1206

Dear Mr. Chan:

This document has been prepared in response to Alameda County Health Care Services Agency (ACHCSA) correspondence dated November 20, 1997 regarding installation of ORC in Wells S-2 and S-3.

Installation of ORC was proposed in the Enviros, Inc. quarterly monitoring report issued for the first quarter of 1997. Installation of ORC had not been completed, pending ACHCSA approval received in the November 20, 1997 letter. This installation will be completed and sampling for the requested parameters will be initiated during the first quarter of 1998.

If you have any questions regarding the contents of this letter, please call me at (707) 935-4852.

Sincerely,

Cambria Environmental Technology, Inc.

Diane M. Lundquist, P.E.  
Principal Engineer  
C46725

CAMBRIA  
ENVIRONMENTAL  
TECHNOLOGY, INC.  
270 PERKINS STREET,

P.O. Box 250

SUNNYVALE, CA

94085

TEL: (707) 935-4852

FAX: (707) 935-4852

cc Mr. Alex Perez. Shell Oil Products Company

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 20, 1997  
StID# 229

Mr. Alex Perez  
Shell Oil Products Co.  
P.O. Box 8080  
Martinez, CA 94553

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

**Re: Former Shell Service Station, 2101 Park Blvd., Oakland 94606**

Dear Mr. Perez:

Our office has received and reviewed the November 15, 1997 Third Quarter 1997 QMR for the above site. Please update our office as to whether you have installed Oxygen Releasing Compound (ORC) in monitoring wells S-2 and S-3 as was mentioned in the First Quarter 1997 QMR. Please initiate the sampling for the following bioremediation indicator parameters in all three wells:

- \* Total Dissolved Oxygen
- \* Oxidation-reduction potential
- \* pH, conductivity, temperature
- \* alkalinity
- \* nitrate
- \* sulfate and
- \* ferrous iron ( $Fe_2+$ ).

If you have not introduced the ORC into the wells, please do so immediately. If you have already introduced the ORC during the second quarter of 1997, please discuss the efficacy of this technique. It does not appear to be effective.

Please note that both soil and groundwater benzene concentrations pose a potential human health risk based upon an exposure pathway of soil or groundwater volatilization to indoor air, commercial scenario. Please provide a written response to this letter **within 30 days or by December 22, 1997**. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan, Hazardous Materials Specialist

c: B. Chan, files

Ms. D. Lundquist, Enviros, 270 Perkins St., P.O. Box 259,  
Sonoma, CA 95476-0259

Mr. F. Schlessinger & A. Heilman Tr., 333 Kearney St., SF  
CA 94108

Mr. J. M. Smerglia, The Goodyear Tire & Rubber Co., 1144  
East Market St., Akron, OH 44316-0001 orc2101

ENVIRONMENTAL  
PROTECTION

97 JUN 27 PM 3:20

June 25, 1997

R0380

**Mr. Barney Chan**

Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, #250  
Alameda, California 94502

**Re: Implementation of Non-Purge Sampling Methodology**

Dear Mr. Chan:

We intend to apply non-purge sampling methodology at the site listed below beginning in the third quarter of 1997. The application of non-purge sampling methodology at this site is consistent with the San Francisco Bay Regional Water Quality Control Board's January 31, 1997 letter regarding "*Utilization of Non-Purge Approach for Sampling of Monitoring Wells Impacted by Petroleum Hydrocarbons, BTEX, and MTBE*".

Former Shell Service Station  
2101 Park Boulevard, Oakland, California  
WIC #204-5508-1206

Specifically, this site satisfies each of the following conditions outlined in the SFRWQCB letter.

- Ground water at this site has only been impacted by Petroleum Hydrocarbons, BTEX, and MTBE.
- The monitoring wells at this site have been installed in unconfined aquifers.
- The monitoring wells at this site have been properly permitted, constructed, and developed.
- The monitoring wells are not in use for ground water or soil vapor extraction.
- The monitoring wells from which ground water samples are collected do not have free product.
- The monitoring wells have already been routinely purged in previous sampling events and therefore do not require an initial duplicate non-purged and purged sample. We recognize that new monitoring wells installed at this site will require an initial duplicate non-purged and purged sample.

If you have any questions regarding the contents of this letter, please call.

Sincerely,

Enviros, Inc.

*John Werfal for*

John Werfal  
Sr. Environmental Scientist

*Diane M. Lundquist*

Diane M. Lundquist, P.E.  
Senior Engineer  
C46725



cc: Mr. Alex Perez, Shell Oil Products Company  
SFRWQCB

Attachment

SFRWQCB's January 31, 1997 Non-Purge Letter



ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY  
DAVID J. KEARS, Agency Director

November 20, 1996  
StID # 229

Mr. R. Jeff Granberry  
Shell Oil Products Co.  
P.O. Box 4023  
Concord CA 94524

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

**Re: Former Shell Service Station, 2101 Park Blvd., Oakland 94610**

Dear Mr. Granberry:

Our office has received and reviewed the November 15, 1996 quarterly monitoring report for the above site as prepared by Enviros, your consultant. The analytical results of this event are consistent with past results. The gradient, however, indicated a southerly flow direction unlike previous events.

The concentration of TPHg and BTEX found in monitoring well S-3 has not shown a decreasing trend during the past two years of monitoring and the level of benzene exceeds Tier 1 RBSL (Risk Based Screening Level). Because of this, our office requests that Shell consider some type of remediation to reduce the petroleum concentration. Alternatively, if appropriate, a Tier 2 RBCA can be performed. I assume, it is Shell's intent to monitor this site as a low risk groundwater site. To continue this remedial approach, it appears that remediation will be required.

Within your next monitoring report, please provide written comment as to how Shell intends to remediate groundwater contamination within and near monitoring well S-3. In addition, should the groundwater gradient continue to show a southerly component, further investigation may be required to define its limits.

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

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

c: Ms. D. Lundquist, Enviros, 270 Perkins St., P.O. Box 259,  
Sonoma, CA 95476-0259  
Mr. F. Schlessinger & A. Heilman Tr., 333 Kearney St., SF  
CA 94108  
Mr. J.M. Smerglia, The Goodyear Tire & Rubber Co., 1144  
East Market St., Akron, OH 44316-0001  
B. Chan, files mon-2101

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Environmental Protection Division  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577  
(510) 567-6700

August 30, 1995

Goodyear Real Estate  
Mr. James O'Neal  
4091 Riverside Dr., Suite 110  
Chino, CA 91710

**Re: Recommendation for No Further Work for Waste Oil Tank Removed  
from 2101 Park Blvd., Oakland CA 94606**

Dear Mr. O'Neal:

This letter is to inform you that no further work will be required by our division at the above referenced site in regards to the removal of the 550 gallon waste oil tank on July 14, 1995. Our office has received and reviewed the August 1995 underground tank closure report prepared by SEMCO. There appears to be no evidence of a fuel release which may have any affect on human or environmental health.

Please be advised that this letter does not relieve you of any liability under the California Health and Safety Code or Water Code for past, present, or future operations at this site. Nor does it relieve you of the responsibility to clean up existing, additional or previously unidentified conditions at the site, which cause or threaten to cause pollution or nuisance or otherwise pose a threat to water quality or public health. In fact, you are likely aware of the current on-going subsurface investigation for this site in response to past underground tank removals.

You may contact me at (510) 567-6765 should you have any questions regarding this letter.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

cc: Mr. J. M. Smerglia, The Goodyear Tire & Rubber Co., 1144  
East Market St., Akron, OH 44316-0001  
Mr. L. Walker, Shell Oil Products, P.O. Box 4023, Concord,  
CA 94524  
Mr. F. Schlessinger & A. Heilman Tr., 333 Kearney St., San  
Francisco, CA 94108  
Ms. D. Lundquist, Enviros, 270 Perkins St., P.O. Box 259,  
Sonoma, CA 95476-0259  
L. Todd, files SO-2101

**ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY**

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, Director

DEPARTMENT OF ENVIRONMENTAL HEALTH  
Environmental Protection Division  
1131 Harbor Bay Parkway, #250  
Alameda, CA 94502-6577  
(510) 567-6700

August 28, 1995  
StID # 229

Mr. Lynn Walker  
Shell Oil Products Co.  
P.O. Box 4023  
Concord, CA 94524

**Re: Comment on August 8, 1995 Site Assessment Report for 2101  
Park Blvd., Oakland CA 94606**

Dear Mr. Walker:

Our office has received and reviewed the above referenced report as prepared by your consultant, Enviros. Recall, this report details the advancement of a number of soil borings and the installation of permanent monitoring wells within three of these borings. Further, these borings/wells were advanced to clarify the soil and groundwater impacts subsequent to a series of tank removals chronicled at this site. In fact, three "generations" of underground tanks are reported to have been removed at the site.

Based on the results in this report it appears that:

1. The former waste oil tanks have not impacted groundwater at the site;
2. The second generation tanks shown no indication of soil or groundwater contamination;
3. There is possibly soil release in the areas of the first and third generation tanks; and
4. There has been apparent releases in the first and second generation islands.

Groundwater contamination is rather minor in wells S-1 and S-2, however, appears significant in well S-3. At a minimum, you should initiate quarterly groundwater monitoring. Please submit your monitoring reports within 45 days of the monitoring event.

It was noted during the recent waste oil tank removal on July 14, 1995, that a small amount of soil, likely from this investigation remains on-site. Please have this soil properly disposed.

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

Mr. Lynn Walker  
StID # 229  
2101 Park Blvd.  
August 28, 1995  
Page 2.

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: Ms. D. Lundquist, Enviros, 270 Perkins St., P.O. Box 259,  
Sonoma, CA 95476-0259  
Mr. F. Schlessinger & Alice Heilman Tr., 333 Kearney St.,  
San Francisco, CA 94108  
L. Todd, files

mws2101

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

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 07/21/95		CASE #		SIGNED: <i>Diane Lundquist</i> DATE: 7/27/95	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Diane Lundquist		PHONE (707) 935-4852	SIGNATURE <i>Diane Lundquist</i>	
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Enviros, Inc.		
RESPONSIBLE PARTY	ADDRESS P.O. Box 259 Sonoma, CA 94605				
	NAME Shell Oil Company		CONTACT PERSON Lynn Walker		PHONE (510) 675-6169
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Presently a closed Goodyear Facility Former Shell Service Station		ADDRESS 2101 Park Boulevard Oakland, CA 94606		PHONE ( )
	CROSS STREET Newton				
	LOCAL AGENCY Alameda Co. Health Care Services		AGENCY NAME San Francisco Bay		CONTACT PERSON Barney Chan Kevin Grages
SUBSTANCES INVOLVED	(1) NAME Gasoline		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2)		<input type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 07/21/95		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Site Assessment		
	DATE DISCHARGE BEGAN M M D D Y Y <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input checked="" type="checkbox"/> OTHER Tanks removed in 1987		
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER		
	CASE TYPE <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input checked="" type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> EXCAVATE & D SPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IB) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
COMMENTS	Petroleum hydrocarbons in soil identified at concentrations ranging from 40 to 250 ppb. Also assessed for lead, copper, zinc, and cadmium.				

**Transmittal**

Date: July 10, 1995

To: Mr. Barney Chan  
Alameda County Health Care Services Agency  
1131 Harbor Bay Pkwy., #250  
Alameda, California 94502-6577

From: Diane Lundquist

RE: Underground Storage Tank Unauthorized Release Form

Comments:

On behalf of Shell Oil Company, Enviro is submitting the enclosed form.

All chemical analytical data has been received, and the site assessment report will be forthcoming.

If you have any questions, please call me at (707) 935-4852.

95 JUL 26 PM 2:29  
ENVIRO

white - env. health  
yellow - facility  
pink - files

# ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Pkwy  
Alameda CA 94502  
510/567-6700

## Hazardous Materials Inspection Form

II, III

Site ID # 229 Site Name Former Shell Oil Today's Date 7, 14, 95

Site Address 2401 Park Blvd

City Oak Zip 94606 Phone \_\_\_\_\_

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

### Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Hazardous Materials Business Plan, Acutely Hazardous Materials
- III. Under ground Storage Tanks Removal

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

### Comments:

CEL 0% O<sub>2</sub> - 8.2%

Source - Contractor - Chuck Kiper Present

Mr. Jim O'Neal - Goodyear present

Witness removal of 1-500 gallon double walled steel - No holes observed only slight corrosion

OFD - ~~Charles~~ present Joan Austin

Man fact # - 95208485

H+H hauler: exp. 1/96 #680944

Backfill w/ sand - approx 3 cu

Goodyear Blvd

pt approx 6x5x5

② ① ③ ← drill cuttings from

1-4pt composite taken of backfill - spoils will be reused

← sandy backfill

previous investigation (Environ)

A concrete slab encountered beneath tank ∴ soil spile

taken from ea. end beneath the slab ~ 6' BGS

spile 1 - taken @ 6' BGS, pink, blue - nodules in brown clay (cut)

spile 2 - taken on west end of slab ~ 6' BGS - nodules in brown clay

Pls run spiles for PCBs, TPHs, BTEX, CAC + metals @ 16 i. 12m

If any TPH detected, run 8-1- same...

Contact C. Kiper

Title \_\_\_\_\_

Inspector B. Chan

Signature Chuck Kiper

Signature \_\_\_\_\_

Several barrels of used oil in storage area south of tank, should be pumped out + recycled

Newton

II, III

*Barney Chan*  
 Project Specialist  
 Ok, 5/31/75 *Blche*  
 Pls note addition's in RED  
 Pls contact me at least 48  
 working hrs prior to arrange inspection

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

ACCEPTED

Underground Storage Tank Closure Permit Application  
 Alameda County Division of Hazardous Materials  
 80 Swan Way, Suite 200,  
 Oakland, CA 94621  
 Telephone: (510) 271-4320

These closure/removal plans have been received and found to be acceptable and essentially meet the requirements of State and Federal Health Laws. Changes to your closure plans indicated by this Department are to assure compliance with State and Federal Health Laws. Proposed removal is now released for issuance of a required building permits for construction/destruction. A copy of the accepted plans must be on the job and available to all contractors and craftsmen involved with the removal. Any alterations to these plans and specifications must be submitted to 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 dependant on compliance with accepted plans and all applicable laws and regulations.

\*THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS

Contact Specialist: *Barney Chan*

UNDERGROUND TANK CLOSURE PLAN

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

1. Name of Business Gerard/Goodyear Tire  
 Business Owner or Contact Person (PRINT) James P. O'Neil  
Goodyear Real Estate Manager

2. Site Address 2101 Park Boulevard  
 City Oakland Zip 94606 Phone (909) 591-6596

3. Mailing Address 4091 Riverside Drive, Suite 110  
 City Chino CA Zip 91710 Phone (909) 591-4558

4. Property Owner Frank J. Schlessinger  
 Business Name (if applicable) Gerard/Goodyear Tire  
 Address 2101 Park Boulevard  
 City, State Oakland Zip 94606

5. Generator name under which tank will be manifested  
Frank J. Schlessinger

EPA ID# under which tank will be manifested C A L 000018961



6. Contractor SEMCO  
Address 1741 LESLIE STREET  
City SAN MATEO, CA 94402 Phone (415) 572-8033  
A,B,C-61/D-40  
License Type\* HAZ MAT ID# 449864

\*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) N/A  
Address \_\_\_\_\_  
City, State \_\_\_\_\_ Phone \_\_\_\_\_

8. Main Contact Person for Investigation (if applicable)  
Name CHUCK KIPER Title VICE PRESIDENT  
Company SEMCO  
Phone (415) 572-8033

9. Number of underground tanks being closed with this plan 1  
Length of piping being removed under this plan unknown  
Total number of underground tanks at this facility (\*\*confirmed with owner or operator) 1

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 ALLIED PETROLEUM EPA I.D. No. CAL 000112314  
Hauler License No. 1168 License Exp. Date 4-30-96  
Address 1217 S. 7TH STREET  
City MODESTO State CA Zip 95351

b) Product/Residual Sludge/Rinsate Disposal Site

Name ENVIROPUR WEST EPA ID# CAD 083166728  
Address 13331 WEST HIGHWAY 33  
City PATTERSON State CA Zip 95363

c) Tank and Piping Transporter

Name RICH HAMILTON TRUCKING EPA I.D. No. CAL 000112413  
Hauler License No. 2753 License Exp. Date 4-30-96  
Address 1217 S. 7TH STREET  
City MODESTO State CA Zip 95351

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 CHUCK KIPER  
Company SEMCO  
Address 1741 LESLIE STREET  
City SAN MATEO State CA Zip 94402 Phone (415) 572-8033

12. Laboratory

Name NORTH STATE ENVIRONMENTAL  
Address 90 W. SOUTH SPRUCE AVENUE  
City SOUTH SAN FRANCISCO State CA Zip 94080  
State Certification No. 1735

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

If yes, describe. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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

HIGH PRESSURE HOT WATER DETERGENT WASH, 20 LBS PER

1000 GALLONS DRY ICE

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)		
550 gallon	waste oil	SOIL/WATER IF ENCOUNTERED	2 FEET BELOW TANK IN NATIVE SOIL

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)

unknown at this time

**Sampling Plan**

SOIL SAMPLES TAKEN FROM THE TANK EXCAVATION WILL BE COLLECTED, PLACED IN BRASS TUBES, SEALED WITH FOIL, TEFLON CAPS, SEALED WITH APPROVED TAPE, PLACED ON ICE, TRANSPORTED TO STATE CERTIFIED LAB UNDER CHAIN OF CUSTODY AND ANALYZED FOR CONSTITUENTS OF TANK.

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	
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	TPH D	GCFID(3550)	TPH D	GCFID(3510)
OR	TPH AND BTX&E	8260	O & G	5520 B & F
	O & G	5520 D & F	BTX&E	602, 624 or 8260
	BTX&E	8020 or 8240	CL HC	601 or 624
	CL HC	8010 or 8240		
	Metals Cd, Cr, Pb, Ni, Zn	AA or ICAP		
	Semi-volatiles	8270		

18. Submit Worker's Compensation Certificate copy

Name of Insurer GOLDEN EAGLE INSURANCE COMPANY

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 SEMCO

Name of Individual CHUCK KIBER

Signature *Chuck Kiber* Date 5-25-95

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business GERARD/GOODYEAR TIRE

Name of Individual JAMES P O'NEIL GOODYEAR REAR ESTA MANAGER

Signature *James P O'Neil* Date 5/25/95

**ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION**

**DECLARATION OF SITE ACCOUNT REFUND RECIPIENT**

*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 predesignate 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.*

CAL 0000 18961 SITE INFORMATION:

Site ID Number  
(if known)

GOODYEAR STORE #4855

Name of Site

2101 PARK BOULEVARD

Street Address

OAKLAND, CA

94606

City, State & Zip Code

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

SEMCO  
Name

4741 LESLIE STREET  
Street Address

SAN MATEO, CA 94402  
City, State & Zip Code

James P. O'Neil  
Signature of Payor

5/25/95  
Date

JIM P. O'NEIL  
Name of Payor  
(PLEASE PRINT CLEARLY)

GOODYEAR TIRE & RUBBER CO  
Company Name of Payor

RETURN FORM TO:  
County of Alameda, Environmental Protection  
1131 Harbor Bay Parkway, Rm 250  
Alameda CA 94502-6577  
Phone#(510) 567-6700

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.

16. CHEMICAL METHODS AND ASSOCIATED DETECTION LIMITS  
See attached Table 2.

17. SITE HEALTH AND SAFETY PLAN

A site specific Health and Safety plan must be submitted. We advocate the site health and safety plan include the following items, at a minimum:

- a) The name and responsibilities of the site health and safety officer;
- b) An outline of briefings to be held before work each day to appraise employees of site health and safety hazards;
- c) Identification of health and safety hazards of each work task. Include potential fire, explosion, physical, and chemical hazards;
- d) For each hazard, identify the action levels (contaminant concentrations in air) or physical conditions which will trigger changes in work habits to ensure workers are not exposed to unsafe chemical levels or physical conditions;
- e) Description of the work habit changes triggered by the above action levels or physical conditions;
- f) Frequency and types of air and personnel monitoring - along with the environmental sampling techniques and instrumentation - to be used to detect the above action levels. Include instrumentation maintenance and calibration methods and frequencies;
- g) Confined space entry procedures (if applicable);
- h) Decontamination procedures;
- i) Measures to be taken to secure the site, excavation and stockpiled soil during and after work hours (e.g. barricades, caution tape, fencing, trench plates, plastic sheeting, security guards, etc.);
- j) Spill containment/emergency/contingency plan. Be sure to include emergency phone numbers, the location of the phone nearest the site, and directions to the hospital nearest the site;
- k) Documentation that all site workers have received the appropriate OSHA approved trainings and participate in appropriate medical surveillance per 29 CFR 1910.120; and
- l) A page for employees to sign acknowledging that they have read and will comply with the site health and safety plan.

The safety plan must be distributed to all employees and contractors working in hazardous waste operations on site. A complete copy of the site health and safety plan along with any standard operating procedures shall be on site and accessible at all times.



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.;

- c) Description of the excavation itself. Include the tank and excavation depth, a log of the stratigraphic units encountered within the excavation, a description of root holes or other potential contaminant pathways, the depth to any observed ground water, descriptions and locations of stained or odor-bearing soil, and descriptions of any observed free product or sheen;
- d) Detailed description of sampling methods; i.e. backhoe bucket, drive sampler, bailer, bottle(s), sleeves
- e) Description of any remedial measures conducted at the time of tank removal;
- f) To-scale figures showing the excavation size and depth, nearby buildings, sample locations and depths, and tank and piping locations. Include a copy of the plot plan prepared for the Tank Closure Plan under item 19;
- g) Chain of custody records;
- h) Copies of signed laboratory reports;
- i) Copies of "TSDF to Generator" Manifests for all hazardous wastes hauled offsite (sludge, rinsate, tanks and piping, contaminated soil, etc.); and
- j) Documentation of the disposal of/and volume and final destination of all non-manifested contaminated soil disposed offsite.

TABLE #2  
RECOMMENDED MINIMUM VERIFICATION ANALYSES FOR  
UNDERGROUND TANK LEAKS

<u>HYDROCARBON LEAK</u>	<u>SOIL ANALYSIS</u>		<u>WATER ANALYSIS</u>	
Unknown Fuel	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Leaded Gas	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	BTX&E	8020 OR 8240	BTX&E	602 or 624
	TPH AND BTX&E	8260	TOTAL LEAD	AA
	TOTAL LEAD	AA		
	-----Optional-----			
	TEL	DHS-LUFT	TEL	DHS-LUFT
	EDB	DHS-AB1803	EDB	DHS-AB1803
Unleaded Gas	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Diesel, Jet Fuel and Kerosene	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Fuel/Heating Oil	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	TPH AND BTX&E	8260		
Chlorinated Solvents	CL HC	8010 or 8240	CL HC	601 or 624
	BTX&E	8020 or 8240	BTX&E	602 or 624
	CL HC AND BTX&E	8260	CL HC AND BTX&E	8260
Non-chlorinated Solvents	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	BTX&E	8020 or 8240	BTX&E	602 or 624
	TPH AND BTX&E	8260	TPH and BTX&E	8260
Waste and Used Oil or Unknown (All analyses must be completed and submitted)	TPH G	GCFID(5030)	TPH G	GCFID(5030)
	TPH D	GCFID(3550)	TPH D	GCFID(3510)
	TPH AND BTX&E	8260		
	O & G	5520 D & F	O & G	5520 B & F
	BTX&E	8020 or 8240	BTX&E	602, 624 or 8260
	CL HC	8010 or 8240	CL HC	601 or 624
	ICAP or AA TO DETECT METALS: Cd, Cr, Pb, Zn, Ni			
	METHOD 8270 FOR SOIL OR WATER TO DETECT:			
	PCB*		PCB	
	PCP*		PCP	
	PNA		PNA	
	CREOSOTE		CREOSOTE	

\* If found, analyze for dibenzofurans (PCBs) or dioxins (PCP)

Reference: Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites, 10 August 1990

**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 GCFID 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
$\leq 10$ ppm (42%)	$\leq 10$ ppm (10%)
$\leq 5$ ppm (19%)	$\leq 5$ ppm (21%)
$\leq 1$ ppm (35%)	$\leq 1$ 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.

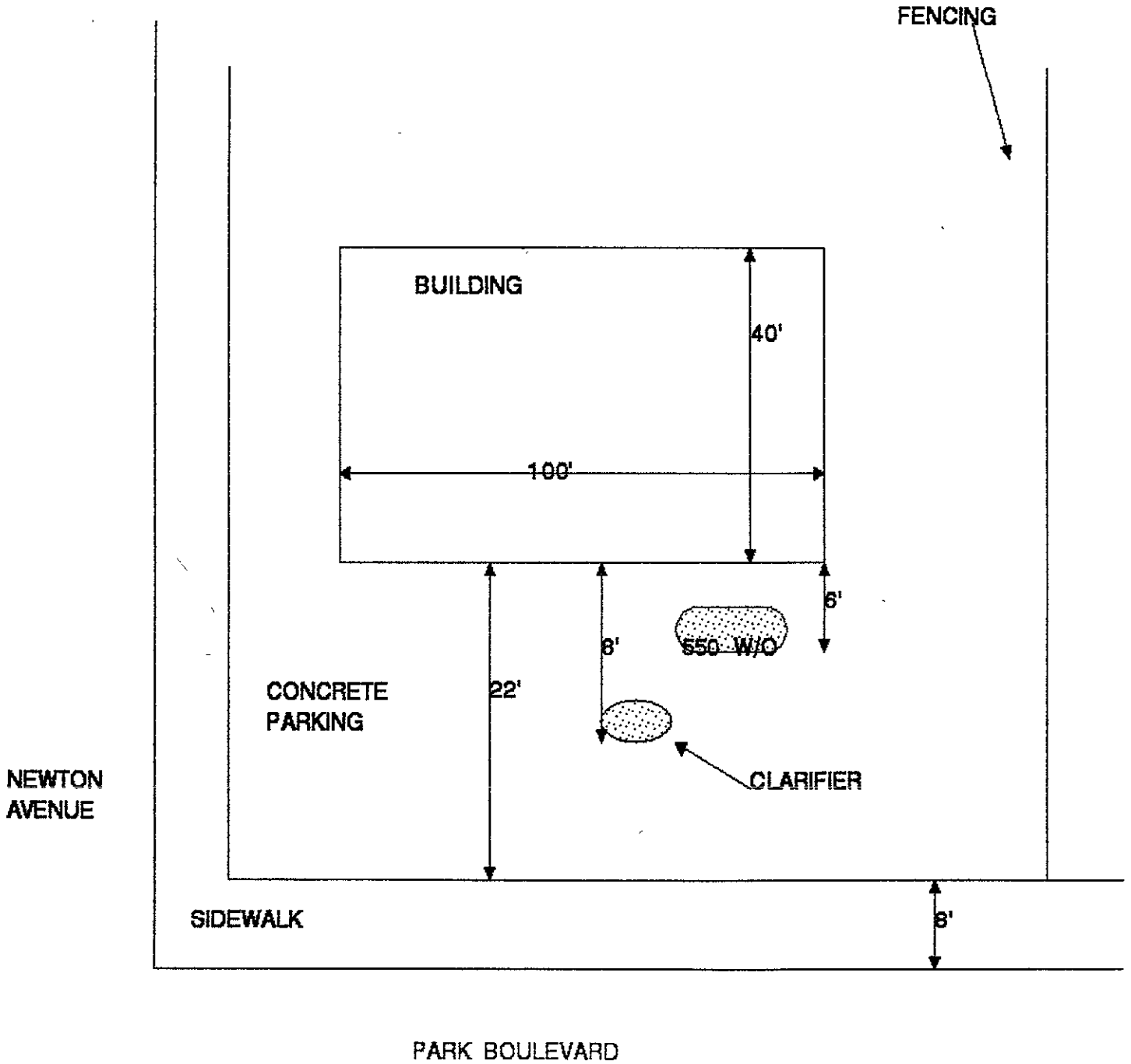
- LABORATORY DATA SHEETS are to be signed and submitted and include the laboratory's assessment of the condition of the samples on receipt including temperature, suitable container type, air bubbles present/absent in VOA bottles, proper preservation, etc. The sheets are to include the dates sampled, 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  $\leq 20$  carbon atoms, diesel and jet fuel (kerosene) standard  $\leq 50$  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.



NEWTON AVENUE

SIDEWALK

PARK BOULEVARD

**S E M C O**

2101 PARK BLVD.  
OAKLAND



NOT TO SCALE

ENVIRONMENTAL  
PROTECTION

95 APR 24 PM 3: 29

#229

Shell Oil Products Company



P O Box 4023  
Concord CA 94524

1390 Willow Pass Road  
Suite 900  
Concord CA 94520

April 19, 1995

Mr. Frank J. Schlessinger  
333 Kearney Street  
San Francisco, CA 94108

Re: 2101 Park Boulevard, Oakland, CA - Right of Entry Agreement

As we have previously discussed, the Alameda County Health Care Services Agency has requested that a site investigation be performed on your property. Goodyear has agreed to allow Shell access to the property under the terms and conditions of the enclosed Right of Entry Agreement and has asked me to forward the same to you for your review and execution.

Please find enclosed four copies of the Agreement for your review and execution. Please execute all four copies if you find the Agreement acceptable and keep one executed copy for your records. The other three executed copies, including the one marked "Goodyear Copy", should be returned to me in the enclosed envelope for distribution to Goodyear and Shell. The requested site investigation will be performed as soon as it can be scheduled upon receipt of the executed agreement. Please contact me at (510) 675-6169 if you have any questions.

Very truly yours,

D. Lynn Walker  
Environmental Engineer

Enclosures

cc: Mr. Barney Chan, Alameda County Health Care Services Agency w/o enclosures  
Ms. Diane Lundquist, Enviros, Inc. w/o enclosures  
Mr. Steven C. Makara, Goodyear w/o enclosures

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH  
ALAMEDA COUNTY-ENV. HEALTH DEPT.  
ENVIRONMENTAL PROTECTION DIV.  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577  
(510)567-6700

March 10, 1995  
StID # 229

Mr. Lynn Walker  
Shell Oil Company  
P.O. Box 4023  
Concord CA 94524

**Re: Comment on February 24, 1995 Work Plan for Former Shell  
Station, 2101 Park Blvd., Oakland 94606**

Dear Mr. Walker:

Our office has received and reviewed the above referenced work plan prepared by your consultant, Enviros. I have spoken with Ms. Diane Lundquist of Enviros and with minor changes, the work plan is acceptable and work should be scheduled ASAP. Please notify me at least 48 working hours prior to your field activities so I may arrange to be present during some of this work.

The following items are to be included in the accepted work plan:

1. All soil samples will be field screened. Those exhibiting significant readings using your OVM should be analyzed by a certified laboratory. At least one soil sample from each boring will be retained for laboratory analysis. If only one sample is determined to need laboratory analysis, this sample should be taken from the capillary zone.
2. One additional boring northwest of the waste oil tank removed on November 21, 1986 shall be advanced just beyond the existing Goodyear building. Based on the potential for groundwater contamination, grab groundwater samples should be taken for chemical analysis from borings S-D and the boring northwest of the waste oil tank. Chemical analysis should be TPHg and BTEX plus the waste oil analytes (mentioned in Task 7) for the samples from the waste oil boring.

It was agreed that soil or groundwater samples above the threshold concentrations recommended in the ASTM Risk Based Corrective Action document will trigger a groundwater investigation.



Mr. Lynn Walker  
StID # 229  
2101 Park Blvd.  
March 10, 1995  
Page 2.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: Ms. Diane Lundquist, Enviros, 270 Perkins St., P.O. Box 259,  
Sonoma, CA 95476-0259  
Mr. F. Schlessinger & Alice Heilman Tr., 333 Kearney St., San  
Francisco, CA 94108  
G. Coleman, files  
wpap2101

Shell Oil Company



P O Box 4023  
Concord CA 94524

1390 Willow Pass Road  
Suite 900  
Concord CA 94520

January 20, 1995

Mr. Ross Tinline  
Pacific Environmental Group, Inc.  
2025 Gateway Place, Suite 440  
San Jose, CA 95110

Re: Request for Proposal for Full Site Assessment

Dear Mr. Tinline:

Please find attached bid specifications and scope of work for the following sites:

2101 Park Boulevard, Oakland, CA  
1083 Fremont Boulevard, Seaside, CA

Please submit two copies of your proposal for each of the above sites by noon on February 7, 1995, if you wish to participate. Shell looks forward to receiving your proposals. Please contact me at (510) 675-6169 should you have any questions.

Very truly yours,

A handwritten signature in cursive script, appearing to read "D. Lynn Walker".

D. Lynn Walker  
Environmental Engineer

Attachment

cc: Mr. Barney Chan, Alameda County Health Care Services Agency w/o attachment  
Mr. John Goni, Regional Water Quality Control Board w/o attachment

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH

ALAMEDA COUNTY CC4580  
DEPT. OF ENVIRONMENTAL HEALTH  
ENVIRONMENTAL PROTECTION DIV.  
1131 HARBOR BAY PKWY., #250  
ALAMEDA CA 94502-6577

January 18, 1995  
StID # 229

Mr. Lynn Walker  
Shell Oil Company  
P.O. Box 4023  
Concord CA 94524

**Re: Extension for Submittal of Work Plan for Further Site  
Characterization at 2101 Park St., Oakland 94606**

Dear Mr. Walker:

Our office has received your January 3, 1995 letter requesting an extension for the submittal of a work plan for further site characterization. This request is approved and the extension for report submittal is granted to **February 28, 1995**. Our office will therefore anticipate receiving a technical report by March 1, 1995.

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

Sincerely,

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

Barney M. Chan  
Hazardous Materials Specialist

cc: Mr. Frank Schlessinger, 333 Kearney St., San Francisco,  
CA 94108

E. Howell, files  
wpext2101

ALAMEDA COUNTY  
HAZMAT  
95 JAN-5 PM 2:59

Shell Oil Company



P O Box 4023  
Concord CA 94524

1390 Willow Pass Road  
Suite 900  
Concord CA 94520

January 3, 1995

Mr. Frank J. Schlessinger  
333 Kearney Street  
San Francisco, CA 94108

Re: Request for Right of Entry for Property Located at 2101 Park Boulevard,  
Oakland, California

Dear Mr. Schlessinger:

As you may be aware, Shell operated a service station on the subject property in past years. In order to comply with a request from the Alameda County Health Care Services Agency to further investigate the property for the presence or absence of petroleum hydrocarbons in soil and groundwater, Shell is requesting permission to enter upon your property located at 2101 Park Boulevard, Oakland, California.

Shell, its consultant and contractors will be more than happy to work with the existing business in order to minimize any impact to that business which may be caused by Shell's investigation activities.

Please find enclosed for your review, two executable copies of Shell's proposed Right of Entry Agreement. If the agreement meets your approval, please execute both copies returning one fully executed copy to my attention.

Should you have any questions, please contact me at (510) 675-6169. Thank you in advance for your anticipated cooperation with this matter.

Very truly yours,

A handwritten signature in cursive script, appearing to read "D. Lynn Walker".

D Lynn Walker  
Environmental Engineer

Enclosures

cc Mr Barney M Chan, Alameda County w/o enclosure

HAZMAT  
95 JAN -5 PM 2:54

Shell Oil Company



P O Box 4023  
Concord CA 94524

1390 Willow Pass Road  
Suite 900  
Concord CA 94520

January 3, 1995

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
UST Local Oversight Program  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502

Re: Former Shell Service Station - 2101 Park Boulevard, Oakland, CA

Dear Mr. Chan:

I am in receipt of your letter of December 16, 1994, regarding the referenced site. In response, I would like to request an extension up to and including February 28, 1995, for submittal of the requested work plan.

The extension is being requested in order to provide Shell adequate time to bid the project in accordance with S.B. 2004 and to obtain a site access agreement from the current property owner. The map that you have requested will be submitted as part of the work plan.

Thank you for your anticipated cooperation in this matter. Please contact me at (510) 675-6169 if you have any questions.

Very truly yours,

A handwritten signature in cursive script, appearing to read "D. Lynn Walker".

D. Lynn Walker  
Environmental Engineer

cc Mr Frank J Schlessinger, 333 Kearney Street, San Francisco, CA 94108

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

December 16, 1994  
StID#229

Mr. Lynn Walker  
Shell Oil Company  
P. O. Box 4023  
Concord CA 94524

**Re: 2101 Park Boulevard, Oakland CA 94606, former Shell Station**

Dear Mr. Walker:

Our office has received your November 7, 1994 letter which responds to my earlier request for technical reports for the former Shell station at 2101 Park Boulevard. Our office does not agree with your recommendation for site closure. We request that a supplemental investigation be performed to determine if there is any environmental or health impact from the petroleum release at this site.

The January 13, 1987 Kapraelian report clearly indicates that additional investigation is required. Three 10,000 gallon USTs were removed from this site and only one soil and one water sample were taken to characterize the excavation. No information was given concerning the waste oil tank either. It is not clear whether this tank was removed or is it the same waste oil tank which currently exists at this site?

Please provide a map which overlays the current subsurface and aboveground buildings over the former underground tanks at this site. You are again requested to provide a work plan which will determine the extent, if any, of soil and groundwater contamination from the former USTs at this site. Please provide a work plan **within 30 days or by January 18, 1995**. You should call at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan  
Hazardous Materials Specialist

cc: Mr. R. Schlessinger & A. Heilman Tr., 333 Kearney St., SF,  
CA 94108

E. Howell, files  
2wp2101

Shell Oil Company



P O Box 4023  
Concord CA 94524

1390 Willow Pass Road  
Suite 900  
Concord CA 94520

57D 229

November 7, 1994

Mr. Barney M. Chan  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Department of Environmental Health  
UST Local Oversight Program  
80 Swan Way, Rm 200  
Oakland, California 94621

94 NOV -9 PM 2: 17  
ALCO  
HAZMAT

Re: 2101 Park Boulevard, Oakland, CA

Dear Mr. Chan:

This is in response to your letter of September 29, 1994, in which you requested all technical reports subsequent to Kaprealian's January 13, 1987, report and either site closure recommendations or a work plan to continue or complete the site investigation.

Shell has searched its available files on the subject site and was unable to locate any technical reports subsequent to the Kaprealian report of January 13, 1987. However, as noted in that report, the soil in the tank pit was impacted with very low levels of petroleum hydrocarbons (120ppm Total Hydrocarbons). A tank pit grab water sample also indicated very low levels of petroleum hydrocarbons at 4.4 ppm Total Hydrocarbons.

The petroleum hydrocarbons detected in the tank pit sidewall were at minimal levels, and the grab water sample taken within the tank pit excavation would represent the worst case scenario for impacted groundwater at the site. Therefore, it is Shell's opinion that further investigation of the site and the resulting disruption to existing business operations is not necessary. Due to the foregoing, Shell recommends that this site be considered for case closure.

Should you have any questions, please contact me at (510) 675-6169.

Very truly yours.

D Lynn Walker  
Environmental Engineer

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST AGENCY DIRECTOR

September 29, 1994  
StID #229

Mr. Dan Kirk  
Shell Oil Co.  
P.O. Box 4023  
Concord CA 94524

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

**Re: Request for Work Plan/Update of Subsurface Investigation at  
2101 Park Blvd., Oakland CA 94606**

Dear Mr. Kirk:

Our office has recently been requested by the RWQCB to assume the lead role for the subsurface investigation at the above site. As you may recall, three 10,000 gallon underground fuel tanks were removed from this site on December 10, 1986. Details of these removals are found in the January 13, 1987 Kaprealian Engineering, Inc. report. Groundwater was encountered in the tank excavation pit. One sidewall soil sample and one grab water sample was taken during the removal. The soil sample exhibited 120 ppm Total Hydrocarbons (assumed gasoline) and the water sample detected 4.4 ppm Total Hydrocarbons and detectable BTX. A groundwater investigation was recommended by Kaprealian in this report. The referenced report also shows the presence of a waste oil tank pit and indicates that this tank was removed at one time. An Unauthorized Leak Report (ULR) was completed on 1/22/87 for the site.

Currently, this property is doing business as Gerard Tire company and has one underground waste oil tank permitted through our agency.

Our office has no additional information for this site. In order to complete the subsurface investigation of this site, our office requests all technical reports subsequent to the tank removal along with either site closure recommendations or a work plan to continue or complete this investigation. Please submit your report within 45 days or by November 15, 1994.

You are reminded that this is a formal request for technical reports pursuant to the California Water Code, Section 13267(b). Failure to submit the requested reports may subject Shell to civil liability.



Mr. Dan Kirk  
StID # 229  
2101 Park Blvd.  
September 29, 1994  
Page 3.

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

Sincerely,



Barney M. Chan  
Hazardous Materials Specialist

cc: Mr. F. Schlessinger & Alice Heilman Tr., 333 Kearney St., San  
Francisco, CA 94108  
E. Howell, files

wp-2101

NC

CALIFORNIA DEPARTMENT OF HEALTH SERVICES

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY  
DAVID J. KEARS, Director



MAY 2 1988

*CS2*

QUALITY CONTROL BOARD

Telephone Number: (415) 271-4320  
Environmental Health Svcs.  
Div. of Hazardous Materials  
80 Swan Way, Rm. 200  
Oakland, CA 94621

*Shell File*

Goodyear Tire and Rubber Co.  
2101 Park Blvd  
Oakland, Ca. 94606

May 25, 1988

~~ALAMEDA~~ CO.

Dear Sir:

Re: UGT installation

This letter serves as notice that the underground tank system (UGT) installed at your address has been inspected by this office. From our plan and site reviews it is the opinion of Alameda County Environmental Health, Hazardous Materials Unit, the work performed meets the requirements of California Administrative Code, Title 23.

Please be aware final approval of the UGT installation is the responsibility of the Regional Water Quality Control Board.

If you have any questions concerning this matter please contact Ariu Levi, Hazardous Materials Specialist, at 271-4320.

Sincerely,

*R/S*

Rafat Shahid, Chief,  
Hazardous Materials Program

cc: /RWQCB  
DOHS  
Oakland Fire Prevention Dept.  
Wilkins and Childer's Construction