

20303

Wickham, Jerry, Env. Health

To: Baertschi, Dennis**Subject:** RE: Report Extension Request -230 West MacArthur, Oakland - Case #RO0000303

Dennis,

Based upon your request, the schedule for submittal of a Site Investigation Report for the above referenced site is extended to April 11, 2008.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Baertschi, Dennis [<mailto:dbaertschi@croworld.com>]**Sent:** Tuesday, February 05, 2008 4:55 PM**To:** Wickham, Jerry, Env. Health**Subject:** Report Extension Request -230 West MacArthur, Oakland - Case #RO0000303

Mr. Wickham –

Attached is (another) request for an extension for the report of findings for the site investigation at the above site, that was mailed to you today – please review this and let me know if this is acceptable w/ you –

We had to reschedule the field work (again) for this site because of utility conflicts identified in the sidewalk, causing us to have to go back out into the street to complete the field activities of the work plan.

Work was just completed successfully (got all our samples) last Friday, February 1, '08 – thus are requesting another extension for the report -

Let me know if there are any questions -

Thanks

Dennis Baertschi**Conestoga-Rovers & Associates (CRA)**

408 7th Street, Suite A,

Eureka, CA 95501

Phone: 707.268.3813

Fax: 707.268.8180

Cell: 707.845.8552

dbaertschi@croworld.com

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Visit us at www.croworld.com

2/5/2008

R0303

Wickham, Jerry, Env. Health

To: Baertschi, Dennis**Subject:** RE: Report Extension Request -230 West MacArthur, Oakland - Case #RO0000303

Dennis,

Based upon your request in the December 6, 2007 correspondence, the schedule for submittal of a Site Investigation Report for the above referenced site is extended to February 21, 2008.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Baertschi, Dennis [<mailto:dbaertschi@croworld.com>]**Sent:** Thursday, December 06, 2007 5:35 PM**To:** Wickham, Jerry, Env. Health**Subject:** Report Extension Request -230 West MacArthur, Oakland - Case #RO0000303

Mr. Wickham –

Attached is a request for an extension for the report of findings for the site investigation at the above site, that was mailed to you today – please review this and let me know if this is acceptable w/ you –

Let me know if there are any questions -

Thanks

Dennis Baertschi**Conestoga-Rovers & Associates (CRA)**

408 7th Street, Suite A,

Eureka, CA 95501

Phone: 707.268.3813

Fax: 707.268.8180

Cell: 707.845.8552

dbaertschi@croworld.com

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12/7/2007

RO303

Wickham, Jerry, Env. Health

To: Baertschi, Dennis**Subject:** RE: 230 W. MacArthur Blvd., Oakland (ACEH Fuel Leak Case #RO0000303) (SAP #135676)

Dennis

I have switched it so that the 5/30/2006 has been denied and the 5/9/2007 version has been accepted.

Regards,

Jerry Wickham

Alameda County Environmental Health

1131 Harbor Bay Parkway

Alameda, CA 94502-6577

510-567-6791 phone

510-337-9335 fax

jerry.wickham@acgov.org

From: Baertschi, Dennis [<mailto:dbaertschi@croworld.com>]**Sent:** Monday, August 20, 2007 3:26 PM**To:** Wickham, Jerry, Env. Health**Subject:** 230 W. MacArthur Blvd., Oakland (ACEH Fuel Leak Case #RO0000303) (SAP #135676)

Jerry –

Just wanted to follow-up here on a Geotracker issue associated with the above referenced site.

Looks like back in May of 2006 Cambria submitted a 5/30/06 report for this site entitled "Subsurface Investigation and Monitoring Well Installation Report", which was apparently submitted to both you, and uploaded to Geotracker, as incomplete documents and missing certain associated attachments. You brought this to our attention in your letter dated May 2, 2007 for this site (in which you also asked for a work plan) and in this letter you asked that we re-submit this document, complete with all attachment, to both your agency and to the Geotracker web site. My records show that we did this on 5/9/07.

Shell recently received notice from Geotracker that the 5/9/07 re-submittal (w/ all attachments) was denied on 7/5/07 because of the existence of the duplicate submittal that still exists on Geotracker of the 5/30/06 document (w/out attachments) – Obviously we would want the recently/newly submitted version to be the one uploaded to geotracker, but my understanding is that this re-submittal can't be 'un-denied' once it has been denied – please let us know how you would like us to proceed in assisting you with getting the copy w/ attachments uploaded & approved on Geotracker –

Thanks -

Dennis Baertschi
Conestoga-Rovers & Associates (CRA)

408 7th Street, Suite A,

Eureka, CA 95501

Phone: 707.268.3813

Fax: 707.268.8180

Cell: 707.845.8552

dbaertschi@croworld.com

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8/21/2007

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

August 14, 2007

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Subject: Fuel Leak Case No. RO0000303 and Geotracker Global ID T0600101240, Shell #13-5676, 230 West MacArthur Boulevard, Oakland, CA 94611

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the recently submitted report entitled, "Site Investigation Work Plan," dated July 24, 2007. The Site Investigation Work Plan proposes four soil borings and research regarding potential receptors for the groundwater plume on the west side of MacArthur Boulevard. The proposed scope of work may be implemented provided that the technical comment below regarding field filtering of groundwater samples is addressed during the proposed field investigation. Submittal of a revised Work Plan is not required unless an alternate scope of work outside that described in the Work Plan and technical comments below is proposed.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Field Filtering of Groundwater Samples.** The Work Plan proposes field filtering of groundwater samples to minimize the amount of sediment in the grab groundwater samples. The groundwater samples will be analyzed for TPHg, BTEX, and fuel oxygenates. Field filtering prior to analyses for TPHg, BTEX, and fuel oxygenates is not an acceptable method. If necessary, please use other techniques to minimize turbidity such as purging from the temporary well screen under low flow conditions.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **December 18, 2007** – Site Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the

responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

Denis Brown
RO0000303
August 14, 2007
Page 3

UNDERGROUND STORAGE TANK CLEANUP FUND

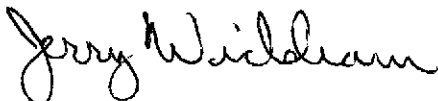
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Ana Friel
Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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

May 2, 2007

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Subject: Fuel Leak Case No. RO0000303 and Geotracker Global ID T0600101240, Shell #13-5676, 230 West MacArthur Boulevard, Oakland, CA 94611

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site including the reports entitled, "Subsurface Investigation and Monitoring Well Installation," dated May 30, 2006 and "Groundwater Monitoring Report – Fourth Quarter 2006," dated February 7, 2007. The Subsurface Investigation and Monitoring Well Installation," presents the results of soil and groundwater sampling from four soil borings advanced at the site between April 4 and April 6, 2006. Two additional proposed soil borings could not be advanced due to subsurface obstructions. Several attachments are listed at the end of the May 30, 2006 report; however, no attachments are included with the copies of the report submitted to ACEH and the Geotracker website. Therefore, we request that you re-submit the "Subsurface Investigation and Monitoring Well Installation," report dated May 30, 2006 to ACEH and the Geotracker website with attachments.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

1. **Downgradient Plume Extent.** One of the four soil borings advanced in April 2006 was converted into monitoring well MW-5, which is located near the western property boundary and is downgradient of the dispensers and former USTs. Monitoring well MW-5 has been sampled twice since installation in April 2006. Total petroleum hydrocarbons (TPH) as gasoline were detected in groundwater from well MW-5 at concentrations of 10,800 and 5,000 micrograms per liter ($\mu\text{g/L}$) in September and December 2006, respectively. During site investigations prior to 2005, elevated concentrations of TPH as gasoline were detected in grab groundwater samples collected along the sidewalk on the east side of West MacArthur Boulevard. In order to define the off-site plume extent in the downgradient direction, further investigation is required on the west side of West MacArthur Boulevard. Therefore, we request that you submit a Work Plan to define the extent of off-site groundwater contamination in the downgradient direction.

2. **Potential Receptors.** We request that you research the potential for groundwater discharge into subsurface drainage systems or sumps associated with basements or subsurface structures on the west side of West MacArthur Boulevard that are downgradient from the site. Please present this information in the Work Plan requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **July 24, 2007** – Work Plan

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Ana Friel
Conestoga-Rovers & Associates
19449 Riverside Drive, Suite 230
Sonoma, CA 95476

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

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HEALTH CARE SERVICES

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

January 20, 2006

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Subject: Fuel Leak Case No. [REDACTED] 3, Shell #13-5676, 230 West MacArthur Boulevard,
Oakland, CA – Work Plan Approval

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the work plan entitled, "Subsurface Investigation Work Plan," dated January 4, 2006. The Work Plan proposes soil borings, collection of depth-discrete groundwater samples, and installation of monitoring wells to further assess the extent of fuel hydrocarbons at the site. ACEH concurs with the proposed scope of work described in the Work Plan. Please present your results in the Soil and Groundwater Investigation Report requested below.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

- 1. Groundwater Monitoring.** ACEH concurs with the recommendation to conduct groundwater monitoring on a semi-annual schedule for all wells. Based on the age of fuel releases at the site, there is a potential for lead scavengers to be present in soil and groundwater. Please review previous soil and groundwater data for the site to determine whether any analyses have been performed for the lead scavengers, ethylene dibromide (EDB) and 1,2-dichloroethane (EDC). If analyses have been conducted historically, please review the results to assess the need for analyses of lead scavengers. If no analyses have been conducted for lead scavengers, please analyze the groundwater samples collected during the next semi-annual groundwater monitoring event for EDB and EDC. If the lead scavengers are not detected in groundwater samples collected during one semi-annual groundwater monitoring event, no additional analyses for lead scavengers will be required. Please present results in the semi-annual groundwater monitoring report.
- 2. Hydrogeologic Cross Sections.** Please incorporate data from the proposed and existing soil borings into hydrogeologic cross sections that depict the lateral and vertical extent of soil layers encountered, where groundwater was first encountered in borings and the static water levels, screen intervals in the monitoring wells, observations of free product, staining, and odor, and analytical results for soil and groundwater samples. Please present the cross sections in the Soil and Groundwater Investigation Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **May 30, 2006** – Soil and Groundwater Investigation Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

Effective **January 31, 2006**, the Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program ftp site are provided on the attached "Electronic Report Upload (ftp) Instructions." Please do not submit reports as attachments to electronic mail.

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

In order to facilitate electronic correspondence, we request that you provide up to date electronic mail addresses for all responsible and interested parties. Please provide current electronic mail addresses and notify us of future changes to electronic mail addresses by sending an electronic mail message to me at jerry.wickham@acgov.org.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

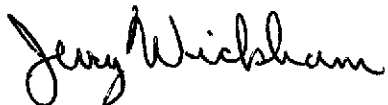
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: David Gibbs
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

ALAMEDA COUNTY
HEALTH CARE SERVICES

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DAVID J. KEARS, Agency Director



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

October 20, 2005

Mr. Denis Brown
Shell Oil Products US
20945 S. Wilmington Ave.
Carson, CA 90810-1039

Subject: Fuel Leak Case No. [REDACTED] Shell #13-5676, 230 West MacArthur Boulevard, Oakland, CA – Request for Work Plan

Dear Mr. Brown:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the above-referenced site and the document entitled, "Site Conceptual Model," dated September 23, 2005. The Site Conceptual Model (SCM) summarizes the site background, history, geology, hydrogeology, and investigation results to date for the site. The SCM also presents conclusions and recommendations for future actions. ACEH requests that you prepare a work plan to address the data gaps identified in the SCM and the technical comments below.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

TECHNICAL COMMENTS

- 1. Additional Soil Sampling near Impacted 2005 Upgrade Sample Locations.** ACEH concurs with the recommendation to conduct additional soil sampling near impacted 2005 piping upgrade sample locations. Please propose the additional sampling in the work plan requested below.
- 2. Groundwater Monitoring.** ACEH concurs with the recommendation to conduct groundwater monitoring on a semi-annual schedule for all wells. ACEH also concurs with the recommendation to conduct coordinated groundwater monitoring with 240 West MacArthur Boulevard. Please present your results in semi-annual groundwater monitoring reports.
- 3. Long Screen Wells.** Three of the four monitoring wells at the site have screened intervals that are 17 to 20 feet in length (monitoring well MW-4 has a screen length of 10 feet). Please propose characterization, including depth-discrete groundwater sampling, to define the vertical extent of contamination and to assess, based on site-specific conditions, whether the long screen wells provide accurate groundwater monitoring results.
- 4. Hydraulic Gradient and Groundwater Monitoring.** The hydraulic gradient at the site appears to be towards the west or west southwest. Based on groundwater flow to the west or west southwest, no monitoring wells are directly downgradient of the source area. It is likely that the majority of the petroleum hydrocarbon plume is not currently being monitored.

The grab groundwater samples collected in West MacArthur Boulevard immediately west of the site appear to be the only groundwater samples collected directly downgradient from the site. These grab groundwater samples collected from Probes 2 and 6 and SB-2-W contained the highest concentrations of TPHg detected at the site. Please address this data gap in the work plan requested below.

5. **Hydrogeologic Cross Sections.** Please incorporate data from the proposed and existing soil borings into hydrogeologic cross sections that depict the lateral and vertical extent of soil layers encountered, where groundwater was first encountered in borings and the static water levels, screen intervals in the monitoring wells, observations of free product, staining, and odor, and analytical results for soil and groundwater samples. Please present the cross sections in the Soil and Groundwater Investigation Report requested below.

TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **January 6, 2006 – Work Plan**
- **120 days after ACEH approval of Work Plan – Soil and Groundwater Investigation Report**

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Denis Brown
October 20, 2005
Page 4

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: David Gibbs
Cambria Environmental Technology, Inc.
5900 Hollis Street, Suite A
Emeryville, CA 94608

Donna Drogos, ACEH
Jerry Wickham, ACEH
File

R04343

C A M B R I A



Alameda County
MAY 0 8 2005
Environmental Health

To: Roseanna Garcia-La Grille

Company: Alameda County Department of Environmental Health

Address: 1131 Harbor Bay Parkway
2nd Floor, Room 250

Alameda, California, 94502-6577

Phone: (510) 777-2149

Fax:

From: Martin Wills

Phone: 510.420.3342

Date: April 28, 2005

Re: Unauthorized Release Report

Shell Service Station 230 W. MacArthur

Oakland, CA

Transmittal

Dear Ms. Garcia-La Grille:

Attached is the unauthorized release form for the subject site. Lab data received by Cambria on April 26, 2005, identified petroleum hydrocarbons in soil. We are preparing a report documenting the results of the investigation, which we will forward to you.

Please call if you have any questions.

Sincerely,

Martin Wills
Project Geologist

cc: Denis Brown, Shell Oil Products US, 20945 S. Wilmington, Carson CA 90810
William Merchant, Shell Oil Products US, 9141 E. Stockton Blvd., Suite #250-321, Elk Grove, CA 95624

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	
REPORT DATE 0 4 2 6 0 5 M M D D Y Y		CASE #	
FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25100.7 OF THE HEALTH AND SAFETY CODE.		SIGNATURE <i>Tim Woodson</i> FOR SODUS DATE 4/26/05	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Tim Woodson		PHONE (925) 766-3494
	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 Shell Oil Products US
RESPONSIBLE PARTY	ADDRESS 2401A Waterman Blvd., Suite 4-257 STREET		FAIRFIELD CA 94534 CITY STATE ZIP
	NAME Equilon Enterprises LLC dba Shell Oil Products US <input type="checkbox"/> UNKNOWN		CONTACT PERSON Denis Brown PHONE (707) 865-0251
SITE LOCATION	ADDRESS 20945 Wilmington Avenue STREET		CARSON CA 90810 CITY STATE ZIP
	FACILITY NAME (IF APPLICABLE) Shell-Branded Service Station		OPERATOR PHONE (510) 420-5898
IMPLICATING AGENCIES	ADDRESS 230 West MacArthur Blvd. STREET		OAKLAND ALAMEDA 94611 CITY COUNTY ZIP
	LOCAL AGENCY AGENCY NAME Alameda County Department of Environmental Health		CONTACT PERSON Roseanna Garcia-La Grille PHONE (510) 777-2149
SUBSTANCES INVOLVED	REGIONAL BOARD San Francisco Region RWQCB		PHONE (510) 622-2408
	(1) Gasoline		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN
DISCOVERY/ABATEMENT	(2)		<input type="checkbox"/> UNKNOWN
	DATE DISCOVERED 0 4 2 6 0 5 M M D D Y Y		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER Dispenser and piping upgrade sampling
SOURCE/CAUSE	DATE DISCHARGE BEGAN M M D D Y Y		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE <input checked="" type="checkbox"/> OTHER Dispensers and product piping replaced
	HAS DISCHARGE BEEN STOPPED? <input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE M M D D Y Y		
CASE TYPE	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
	CHECK ONE ONLY <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUND WATER (OPEN CASE) <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)		
CURRENT STATUS	CHECK ONE ONLY <input checked="" type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input 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		
	CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUND WATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input checked="" type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) Investigation		
COMMENTS	During fuel system upgrade activities, laboratory analysis of soil samples collected April 18, 2005, found petroleum hydrocarbons in soil at maximum concentrations of 2,700 parts per million for total petroleum hydrocarbons as gasoline (TPHg), 4.2 ppm benzene, 6.6 ppm toluene, 39 ppm ethylbenzene, 78 ppm total xylenes, 0.30 ppm tert-butyl alcohol, 0.18 ppm methyl tertiary-butyl ether (MTBE), and 140 ppm lead. Laboratory results received April 26, 2005.		

Hwang, Don, Env. Health

From: Hwang, Don, Env. Health
Sent: Monday, December 29, 2003 4:58 PM
To: 'Petryna, Karen E SOPUS'
Subject: Shell, 230 West MacArthur Blvd., Oakland; RO0000303

Dear Karen, I've been assigned the above case. Please send correspondence regarding the above case to me instead of Donna Drogos. Thanks, Don

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

December 1, 2000

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

Dear Ms. Petryna:

Subject: Shell Service Station, 230 W. MacArthur Blvd., Oakland, CA 94611
StId 3673

The Leaking Underground Storage Tank Oversight Program (LOP) file for the aforementioned site was reviewed. Monitoring well, MW-4, has shown elevated Methyl Tertiary-Butyl Ether (MTBE) concentrations since December 19, 1996. The following concentrations were found: 630 ug/l, 12/5/97; 1,100 ug/l, 12/24/98; 3,800 ug/l, 12/17/99. The next scheduled sampling is the fourth quarter of 2000. Monitoring wells, MW-1, MW-2, and MW-3, have not been sampled since September 19, 1996. Prior to discontinuation of sampling at these wells, the concentrations for Total Petroleum Hydrocarbons-Gasoline (TPH-G), Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX), and MTBE, were NonDetectable (ND) or very low.

Due to the recent MTBE concentrations found in MW-4, the results of the fourth quarter of 2000 sample may suggest the need for further action.

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

u
Enclosure

C: Ailsa Le May, Cambria Environmental Technology, Inc., 1144-65th St., Suite B, Oakland, CA 94608

✓ File

C A M B R I A

July 27, 2000

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

RO303

Re: **Quarterly Status Report - Second Quarter 2000**
Shell-branded Service Station
230 W. MacArthur Boulevard
Oakland, CA
Incident No. 98995741



Dear Ms. Hugo:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. is submitting this letter in accordance with the reporting requirements of 23 CCR 2652d.

Current Quarter's Activities

No activities were required or performed at this site during the second quarter of 2000.


Proposed Activities

Annual monitoring of the site wells will be conducted during the fourth quarter of 2000.

We appreciate the opportunity to work with you on this project. Please call us if you have any questions.

Sincerely,

Cambria Environmental Technology, Inc.



Stephan A. Bork, C.E.G., C.H.G.
Associate Hydrogeologist

Oakland, CA
San Ramon, CA
Sonoma, CA
Portland, OR

cc: Karen Petryna, Equiva Services LLC, P.O. Box 7869, Burbank California 91510-7869

**Cambria
Environmental
Technology, Inc.**

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

LOP - RECORD CHANGE REQUEST FORM

printed:
06/26/2000

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

Insp: DH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 3673 LOC: -0-
SITE NAME: Shell Service Station DATE REPORTED : 12/29/1987
ADDRESS : 230 W Mac Arthur Blvd DATE CONFIRMED: 12/29/1987
CITY/ZIP : Oakland 94611 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP: -0-
RP SEARCH: S DATE COMPLETED: 03/06/1992
PRELIMINARY ASMNT: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
REM INVESTIGATION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
REMEDIAL ACTION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
POST REMED ACT MON:- DATE UNDERWAY: -0- DATE COMPLETED: -0-

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 03/06/1992
LUFT FIELD MANUAL CONSID: -0-
CASE CLOSED: - DATE CASE CLOSED: -0-
DATE EXCAVATION STARTED : -0- REMEDIAL ACTIONS TAKEN: -0-

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Karen Petryna
COMPANY NAME: Equiva Services L L C
ADDRESS: P O Box 7869
CITY/STATE: Burbank, California 91501-7869

INSPECTOR VERIFICATION:			
NAME _____	SIGNATURE _____	DATE _____	
Name/Address Changes Only		Case Progress Changes	
ANPPGMS _____	LOP _____	DATE _____	LOP _____ DATE _____

February 18, 2000

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

Re: **Quarterly Status Report - First Quarter 2000**
Shell-branded Service Station
230 W. MacArthur Blvd.
Oakland, CA
Incident No. 98995741



Dear Ms. Hugo:

On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. is submitting this letter in accordance with the reporting requirements of 23 CCR 2652d.

Current Quarter's Activities

No activities were required or performed at this site during the first quarter of 2000.

Proposed Activities

Annual monitoring of the site wells will be conducted during the fourth quarter of 2000.

We appreciate the opportunity to work with you on this project. Please call us if you have any questions.

Sincerely,
Cambria Environmental Technology, Inc.

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



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

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

**Cambria
Environmental
Technology, Inc.**

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

00 FEB 28 PM 4:48
ENVIRONMENTAL PROTECTION

C A M B R I A

August 17, 1999

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

*PO# 303
per LOP*

Re: **Quarterly Status Report - Second Quarter 1999**
Shell-branded Service Station
230 W. MacArthur Blvd.
Oakland, California
Incident No. 98995741

Dear Ms. Hugo:



On behalf of Equiva Services LLC, Cambria Environmental Technology, Inc. is submitting this letter in accordance with the reporting requirements of 23 CCR 2652d.

Current Quarter's Activities

No activities are required or planned for the second quarter 1999.

Proposed Activities

No activities are proposed through the fourth quarter 1999.

We appreciate the opportunity to work with you on this project. Please call us if you have any questions.

Sincerely,

Cambria Environmental Technology, Inc.

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

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

cc: Karen Petryna, Equiva Services LLC, P.O. Box 6249, Carson, California, 90749-6249

**Cambria
Environmental
Technology, Inc.**

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

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
DEPOSIT / REFUND ACCOUNT SHEET

printed 05/23/97

SITE INFORMATION

Shell Station
230 W Mac Arthur Blvd
Oakland 94611
Site Contact:
Site Phone :

StID: 3673 Site#: 53
PROJECT#: 53A
PROJECT TYPE:*** R ***
INSP: clerical
ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Lesh's database knows this project as
Candace's database only knows about \$750 in
project 53B
Owner Contact:
Owner Phone :

PAYOR INFORMATION

53A there is no proj 53B
Robert H. Lee & Assoc.
900 Larkspur Landing Cir#125
Larkspur CA 94939 # 76
Payor Contact:
Payor Phone :

Date	Action Taken	Insp Init	Hours Spent/ Depstd	Hour Balnce	Money Spent/ Depositd	Money Balance
	Rcpt# 505553					
	Balance from Prev. Page					316.00
7/11/88	Admin charge (2mb/scr)		1.0	53/hr	53	263.00
9/27/89	review soil boring data, gw survey	GW	0.5	50/hr	25	238.00
11/21/89	Review Quarterly	GW	0.5	45/hr	22.50	215.50
3/1/91	review of Telton Pumping Eng. Evaltech	GW	0.5	45/hr	22.50	193.00
9/3/91	review Quarterly Reports		1.1	45/hr	49.50	143.50
2/21/92	see daily	JM	0.5	70/hr	35.00	108.50

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : Paul M. Driscoll ATTACH: State Forms A, B & C
 Billing Adjustment*
DATE OF COMPLETION : 5/23/97 DATE SENT TO BILLING: 5/23/97
TOTAL COST OF PROJECT: 1500 REFUND AMOUNT: 0 Rev. 7/96

* Billing adjustment forms needed when site is in our UST program.

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 3673
as of 05/23/97 all Activity Codes

SITE NAME & ADDRESS:

MacArthur Shell -- 230 W MacArthur Blvd , Oakland CA 94611

InspDat	Insp Act	InspT	StID	Proj#	COMMENTS	DailBDat
Archived Dailies:						
InspDat	Insp Act	InspT	StID	DRPro	Comment	DailBDat
02/21/92	JM	75	1.5	3673	53A Case transfer. Shell Service Station, 230 MacArthur Blvd., Oakland 94611	
03/05/92	SH	200	0.8	3673		
03/12/92	JE	200	0.5	3673		
03/19/92	TP	215	0.1	3673	assign priority	
04/17/92	TP	215	0.3	3673	QR	
06/17/92	SH	215	2.	3673	case review	
11/29/93	KT	35	0.5	3673		
02/10/94	KT	120	2.	3673	storm water insp.	

Current Dailies:

InspDat	Insp Act	InspT	StID	DRPro	Comment	DailBDat
05/09/95	RO	35	1.	3673	UGT file review	
05/10/95	RO	120	2.	3673	New NPDES inspection	
08/18/95	KT	55	0.25	3673	rec'd HMMP update partial.	
05/28/96	PE	35	0.1	3673	1995 leak monitoring system and line test results OK	
10/16/96	KT	31	0.15	3673	rec'd reauthorization of the HMMP and UST monitoring and spill plan.	

Complete

***** Alameda County Department of Environmental Health *****
 BILLING's WORKLOG: Total Deposit/Refund History for All Accounts at Site
 ~~~~~

\*\* SITE INFORMATION \*\*

Site#: 53 -- StID: 3673 Shell Station  
 Date Open: 07/11/88 230 W. Mac Arthur Blvd.  
 Date Closed: Oakland CA 94611

\*\* PAYOR INFORMATION \*\*

> Project # ----53B for Payor # 39 Exceltech  
 41674 CHRISTY STREETt  
 Fremont CA 94538

\*\* DEPOSIT HISTORY \*\*

| Proj#   | Deposit Date | Receipt# | Amount Received |
|---------|--------------|----------|-----------------|
| ----53B | 07/11/88     | 524534   | \$ 750.00       |
|         |              |          | =====           |
|         |              |          | \$ 750.00       |

\*\* WORKLOG HISTORY \*\*

| Proj#   | Work Date | Activity Description                 | Insp | Time (hrs) | Amt Charged |
|---------|-----------|--------------------------------------|------|------------|-------------|
| ----53B | 07/25/89  | REVIEW SOIL PROPOSAL .9 HR @ \$56/HR |      |            | \$50.40     |
| ----53b | 06/06/90  | review report/letter                 |      | 2.         | \$120.00    |
| ----53b | 06/21/90  | review letter                        |      | 1.         | \$60.00     |
| ----53b | 07/25/90  | review work plan                     |      | 0.8        | \$48.00     |
| ----53b | 08/08/90  | review report                        |      | 0.5        | \$30.00     |
| ----53b | 10/25/90  | review quarterly report              |      | 0.5        | \$30.00     |
| ----53b | 02/27/91  | review quarterly report              |      | 0.5        | \$33.50     |
| ----53b | 05/29/91  | report review                        |      | 0.5        | \$33.50     |
| ----53B |           | MEETING W/SHELL .5 HR @ \$56/HR      |      |            | \$28.00     |
|         |           |                                      |      |            | -----       |
|         |           |                                      |      |            | \$433.40    |

Balance: \$316.60 Amount Refunded:

Listing of HAZMAT - FULL SITE HISTORY since 1987 for StID # 3673  
as of 05/19/97 .... all Activity Codes

SITE NAME & ADDRESS:

MacArthur Shell -- 230 W MacArthur Blvd , Oakland CA 94611

| InspDat           | Insp Act | InspT | StID | Proj# | COMMENTS                                                                     | DailBDat |
|-------------------|----------|-------|------|-------|------------------------------------------------------------------------------|----------|
| Archived Dailies: |          |       |      |       |                                                                              |          |
| InspDat           | Insp Act | InspT | StID | DRPro | Comment                                                                      | DailBDat |
| 02/21/92          | JM       | 75    | 1.5  | 3673  | 53A Case transfer. Shell Service Station, 230 MacArthur Blvd., Oakland 94611 |          |
| 03/05/92          | SH       | 200   | 0.8  | 3673  |                                                                              |          |
| 03/12/92          | JE       | 200   | 0.5  | 3673  |                                                                              |          |
| 03/19/92          | TP       | 215   | 0.1  | 3673  | assign priority                                                              |          |
| 04/17/92          | TP       | 215   | 0.3  | 3673  | QR                                                                           |          |
| 06/17/92          | SH       | 215   | 2.   | 3673  | case review                                                                  |          |
| 11/29/93          | KT       | 35    | 0.5  | 3673  |                                                                              |          |
| 02/10/94          | KT       | 120   | 2.   | 3673  | storm water insp.                                                            |          |

Current Dailies:

| InspDat  | Insp Act | InspT | StID | DRPro | Comment                                                              | DailBDat |
|----------|----------|-------|------|-------|----------------------------------------------------------------------|----------|
| 05/09/95 | RO       | 35    | 1.   | 3673  | UGT file review                                                      |          |
| 05/10/95 | RO       | 120   | 2.   | 3673  | New NPDES inspection                                                 |          |
| 08/18/95 | KT       | 55    | 0.25 | 3673  | rec'd HMMP update partial.                                           |          |
| 05/28/96 | PE       | 35    | 0.1  | 3673  | 1995 leak monitoring system and line test results OK                 |          |
| 10/16/96 | KT       | 31    | 0.15 | 3673  | rec'd reauthorization of the HMMP and UST monitoring and spill plan. |          |

Complete

Projects  
#53A  
#53B

PROJECT # U524534

ALAMEDA COUNTY HEALTH CARE SERVICES  
HAZARDOUS MATERIALS DIVISION/ENVIRONMENTAL HEALTH SERVICES  
(additional funds U505553)

SERVICE REQUESTED: \_\_\_\_\_

NAME OF SITE: Shell Service Station

ADDRESS: 230 W. MacArthur Blvd.  
Oakland 94611

CONTRACTOR: Enesco Environmental Svc.

ADDRESS: 41674 Christy St.  
Fremont 94538 TELEPHONE # \_\_\_\_\_

CONTACT PERSON: David Blunt TELEPHONE # 659-0404

DEPOSIT AMOUNT: \$750.00 DATE OF DEPOSIT: 7/11/88

DATE: ACTION TAKEN IN OUT x \$53 SUB/TOT BALANCE

Carried Over fr U505553 \$324  
750  
\$1,074

| DATE      | ACTION TAKEN                  | IN    | OUT   | x \$53 | SUB/TOT | BALANCE  |
|-----------|-------------------------------|-------|-------|--------|---------|----------|
| 4/11/89   | phone conv. - Steve Costello  | 4:40  | 5:13  | 0.6    | 33.60   | 1,040.40 |
| * 4/27    | Review consultant reports     | 8:45  | 10:15 | 1.5    | 84-     | 956.40   |
| 6/22      | discuss case w/ consultant    | 4:05  | 5:00  | 0.9    | 50.40   | 906.00   |
| 6/27      | meeting in office w/ Shell    | 9:50  | 10:20 | 0.5    | 28-     | 878.00   |
| * 7/25    | Review soil boring proposal   | 4:25  | 5:20  | 0.9    | 50.40   | 827.60   |
| * 2/13/90 | To Billing                    |       |       |        |         |          |
| 6/6/90    | Review Q rpt., prepare letter | 7:45  | 9:45  | 2      | 120     | 707.60   |
| 6/21      | Review response to 6/9 letter | 3:45  | 4:45  | 1      | 60      | 647.60   |
| 7/25      | Review supplemental work plan | 1:30  | 2:15  | 0.8    | 48-     | 599.60   |
| * 8/8     | Review quarterly rpt.         | 11:35 | 12:05 | 0.5    | 30-     | 569.60   |

PROJECT COMPLETED BY: OK

DATE OF COMPLETION: \_\_\_\_\_ DATE SENT TO BILLING: \_\_\_\_\_

TOTAL COST OF PROJECT: \_\_\_\_\_ REFUND AMOUNT: \_\_\_\_\_

TO BE REPORTED WEEKLY TO THE ACCOUNTING DEPARTMENT FOR CASHFLOW ADJUSTMENT

\*\*\*\*\* Alameda County Department of Environmental Health \*\*\*\*\*  
 Deposit/Refund Account History

\*\* PROJECT INFORMATION \*\*

Project#: ----53A Date Open: 01/19/88 Date Closed:

Payor Information:

Site Information:

Robert H Lee & Assoc.  
 900 Larkspur Landing #125  
 Larkspur CA 94939

Shell Station  
 230 W. Mac Arthur Blvd.  
 Oakland CA 94611

\*\* DEPOSIT HISTORY \*\*

| Deposit Date | Receipt# | Amount Received |
|--------------|----------|-----------------|
| 01/19/88     | 505553   | 750.00          |
|              |          | 750.00          |

\*\* WORKLOG HISTORY \*\*

| Work Date  | Activity Description / Time Spent (hrs) | Amount Charged |
|------------|-----------------------------------------|----------------|
| 11/02/87 ✓ | INSPECTION 1 HR @\$53/HR                | 53.00          |
| 12/29/87 ✓ | PLAN REVIEW/LETTER 1 HR @\$53/HR        | 53.00          |
| 01/22/88   | ADMIN FEE AT 25% OF DEPOSIT             | 187.00         |
| 05/09/88 ✓ | LETTER 1 HR @\$53/HR                    | 53.00          |
| 04/11/89 ✓ | PHONE CONSULTATION .5 HR @\$56/HR       | 28.00          |
| 04/27/89 ✓ | REVIEW REPORT 1.5 HR @\$56/HR           | 84.00          |
| 06/22/89 ✓ | CONSULTATION .9 HR @\$56/HR             | 50.40          |
|            | INSPECTION 1.5 HR @\$53/HR              | 79.50          |
|            |                                         | 587.90         |

Balance: 162.10 Amount Refunded:

\*\*\*\*\* Alameda County Department of Environmental Health \*\*\*\*\*  
 Deposit/Refund Account History

\*\* PROJECT INFORMATION \*\*

Project#: ----53B Date Open: 07/11/88 Date Closed:

Payor Information:

Site Information:

Exceltech  
 41674 Christy St.  
 Fremont CA 94538

Shell Station  
 230 W. Mac Arthur Blvd.  
 Oakland CA 94611

\*\* DEPOSIT HISTORY \*\*

| Deposit Date | Receipt# | Amount Received |
|--------------|----------|-----------------|
| 07/11/88     | 524534   | 750.00          |
|              |          | 750.00          |

\*\* WORKLOG HISTORY \*\*

| Work Date | Activity Description / Time Spent (hrs) | Amount Charged |
|-----------|-----------------------------------------|----------------|
| 07/25/89  | REVIEW SOIL PROPOSAL .9 HR @\$56/HR     | 50.40          |
| 06/06/90  | review report/letter 2.                 | 120.00         |
| 06/21/90  | review letter 1.                        | 60.00          |
| 07/25/90  | review work plan 0.8                    | 48.00          |
| 08/08/90  | review report 0.5                       | 30.00          |
| 10/25/90  | review quarterly report 0.5             | 30.00          |
| 02/27/91  | review quarterly report 0.5             | 33.50          |
| 05/29/91  | report review 0.5                       | 33.50          |
|           | MEETING W/SHELL .5 HR @\$56/HR          | 28.00          |
|           |                                         | 433.40         |

Balance:

316.60

Amount Refunded:

PROJECT # U505553

ALAMEDA COUNTY HEALTH  
ENVIRONMENTAL HEALTH DEPT.

SERVICE REQUESTED: Tank Closure

NAME OF SITE: Shell Service Station STID \_\_\_\_\_

ADDRESS: 230 W. MacArthur  
Oakland 94611

CONTRACTOR: R. Johnson

ADDRESS: 801-5312 Ave TELE = 261-9424

CONTACT PERSON: DAVE TELE = \_\_\_\_\_

AMOUNT OF DEPOSIT: \$ 750.00 DATE: 1.19.88

DATE: ACTION TAKEN TIME HRS IN 0.1 X \$53.00 = 750

| DATE     | ACTION TAKEN                | TIME | HRS   | IN | OUT | X \$53   | BALANCE   |
|----------|-----------------------------|------|-------|----|-----|----------|-----------|
|          | OVERHEAD 25%                |      |       |    |     | (187.50) | \$ 562.50 |
| 11/2     | Inspector                   |      | 1     |    |     | (53)     | 509.50    |
| 11/4     | "                           |      | 1 1/2 |    |     | (79.50)  | 430       |
| 12/29/87 | Review report, write letter |      | 1     |    |     | (53)     | 377       |
| 5/9      | Letter                      |      | 1     |    |     | (53)     | 324       |

TOTAL COST \$ \_\_\_\_\_

PROJECT COMPLETED BY \_\_\_\_\_

DATE: \_\_\_\_\_ REFUND: \$ \_\_\_\_\_

SENT TO ACCOUNTING: DATE: 6.7.89

TO BE REPORTED WEEKLY TO ACCOUNTING FOR CASH FLOW ADJUSTMENT

Project # U505553

Fee Paid \$ 750.00

Date 1.19.88

~~PAY TO THE ORDER OF  
TREASURER  
ALAMEDA COUNTY  
HEALTH CARE  
SERVICES AGENCY~~



PROGRAM TYPE  
PROJECT # U505553

DEBIT & SERVICE CHARGE  
ACCT BAL 877.50 REFUND

DATE

RECEIVED FROM ROBERT H. LEE & ASSOC., INC.  
ADDRESS 900 LARKSPUR LNDG. STE 125  
CITY LARKSPUR ST CA ZIP 94939  
PHONE (415)-261-9424

RECD FOR 230 W. MACARTHUR OAKLAND BUS/PROJ NAME SHELL OIL  
DATE 01/19/88 DEP AMT 750.00 REC# 505553

ACCOUNT ACTIVITY DETAIL

| DATE     | DESCRIPTION                       | AMOUNT |
|----------|-----------------------------------|--------|
| 01/22/88 | ADMIN FEE AT 25% OF DEPOSIT       | 187.00 |
| 11/02/88 | INSPECTION 1 HR @ \$53/HR         | 53.00  |
| 11/04/88 | INSPECTION 1.5 HR @ \$53/HR       | 79.50  |
| 12/29/88 | PLAN REVIEW/LETTER 1 HR @ \$53/HR | 53.00  |

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UP  
05/

F2ENTER F3VIEW F4EXIT F5FORM CLR F6FLD CLR F7DELETE F8MODIFY F9REPORT F10MU

**ALAMEDA COUNTY ENVIRONMENTAL  
HEALTH SERVICES**

**ENVIRONMENTAL PROTECTION DIVISION**

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

Telephone (510) 567-8700

Fax (510) 337-9335

**FAX COVER SHEET**

DATE: January 23, 1997

TO: Paul White / Scott MacLeod

FAX # (510) 420-9170

Total number of pages including cover sheet 2

FROM: **SUSAN L. HUGO**  
Senior Hazardous Materials Specialist

NOTE:

**PLEASE RESPOND BY FAX ONLY.**

Please make a note of the Shell sites listed in the attached letter (4/96) to Jeff Branberry. All QM reports should be directed to my attention. Please call if you  
(SMILE) HAVE A NICE DAY  
DO SOMETHING FOR OUR ENVIRONMENT have any questions.

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



20703

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   |
| 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

Property address:

Shell Oil Company Corp.

P.O. Box 2099 Houston TX

77252

DATE:

2/21/92

TO : Local Oversight Program

FROM:

Juliet Shin

SUBJ: Transfer of Eligible Oversight Case

Shell Oil Co.

P.O. Box 4023

Concord 94524

(510) 676-1414  
Ray Newsome.

Site name: Shell Service Station

Address: 230 West MacArthur Blvd city Oakland zip 94611

Closure plan attached?  Y  N #/2/87 DepRef remaining \$ 4366.00

DepRef Project # 53 STID #(if any) 3673

Number of Tanks: 4 removed?  Y  N Date of removal 11/6/87

Leak Report filed?  Y  N Date of Discovery 12/29/87

Samples received?  Y  N Contamination: Soil & Groundwater

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

Monitoring wells on site 4 Monitoring schedule?  Y  N

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

Briefly describe the following:

Preliminary Assessment Soil Sampling Investigations & Quarterly Monitoring

Remedial Action NA

Post Remedial Action Monitoring NA

Enforcement Action Final NOV 6/10/88  
[Notice of Violation]

An initial investigation at the site was carried out on April 14, 1986 by EMCOW. Soil samples were collected from the native soil beneath 4 underground storage tanks. TPH levels ranged from 8.6\* - 480 ppm at a depth of 15 feet below ground surface. Three groundwater wells were installed at the site in 1988, and additional soil samples were collected. Prior to this in 1987, Wayne Perry Construction, Inc. installed 3 recovery wells for the purpose of venting the soils. This system only operated between April and November, 1987. Benzene G.W. samples were collected in 1988, and MW-2 was found to contain Benzene at 79 ppb. Oily monitoring appears to have begun in July 1989 and has continued to January 1992. According to Exceltech submitted an additional work plan for shallow exploratory soil borings next to the pump islands. In response to the discovery of hydrocarbon concentrations in the samples collected from these borings, Exceltech installed a fourth well on site (MW-4), downgradient from the pump islands. Concentrations of TPH as gasoline as high as 4,200 ppb have been identified from MW-4 since quarterly monitoring has begun. Additionally, 160 ppb Benzene from MW-4 has been identified from MW-4. Recent sampling of groundwater from MW-1, MW-2, & MW-3 have shown ND. According to Gil, 2 additional wells were to be installed!!!



# United States Testing Company, Inc.

Engineering & Support Services Division

3540 OAKDALE ROAD • P.O. BOX 8673  
MODESTO, CALIFORNIA 95355 (209) 551-2271

91 OCT 35 PM 1:04

NEW YORK  
MEMPHIS  
ORLANDO  
MIAMI  
CHICAGO  
COLORADO SPRINGS  
SAN FRANCISCO  
MODESTO  
LOS ANGELES  
SAN DIEGO

USTCOENV91-4150

October 31, 1991

Alameda County Health Care Services  
Department of Health  
Hazardous Materials Program  
80 Swan Way, Room 200  
Oakland, CA 94621

Att: Ms. Katherine Chesick

Dear Ms. Chesick,

As part of the investigative process for a Phase I Environmental Site Assessment, we would like to request the following information from the county files on the sites listed below, or arrange to come in and review the files. All locations are within the City of Oakland.

We have reviewed the Regional Water Quality Control Board files on the following sites, but would like to confirm that the most recent tank tightness tests passed:

- \* Kaiser Permanente  
3505 Broadway Boulevard
- \* Shell Service Station  
230 West MacArthur Boulevard
- \* Chevron  
3701 Broadway

We would like to know if a case file exists with the county for the following sites or if they have any tanks. If they do have tanks we would like to know status of them:


- \* Prestige Products Corporation  
240 West MacArthur Boulevard
- \* Val Strough Honda  
3707 Broadway

USTCOENV91-4150  
Page 3

- \* Brown Mortuary  
3476 Piedmont Street
- \* Big Three Tires and Brakes  
3550 Piedmont (between Westfall and Warren)

If you have any questions please don't hesitate to call me at (209) 551-2271.

UNITED STATES TESTING COMPANY, INC.  
Sincerely,

  
\_\_\_\_\_  
Vincent J. Patula  
Project Geologist

VJP/km

Shell Oil Company



90 JUN 21 AM 11:53

EAST BAY  
MARKETING DISTRICT

P.O. Box 4023  
Concord, CA 94524  
(415) 676-1414

June 19, 1990

Mr. Gil Wistar  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
80 Swan Way, Room 200  
Oakland, CA 94621

Subject: Response to June 8, 1990 Letter Requesting Technical Reports  
for Shell Sites; 29 Wildwood Ave, Piedmont; 230 West  
MacArthur, Oakland; 999 San Pablo, Albany

Dear Mr. Wistar:

In response to your June 8, 1990 letter requesting reports on the  
subject sites, the following summary of information is provided.

230 West MacArthur, Oakland

A hydropunch survey was already performed on May 18 - 19 offsite and  
downgradient of the site in order to determine the best location for  
additional wells. A copy of the plan showing hydropunch locations is  
attached. Based on this information a plan will be prepared to complete  
the investigation. Shell's consultant, Exeltech, will contact you  
directly regarding the specifics of the work plan.

999 San Pablo, Albany

The work proposed by Gettler-Ryan in a January 25, 1990 workplan was  
completed on January 29-30, 1990 as previously discussed. The report  
you are missing was submitted to your office on April 3, 1990. I have  
attached a copy of the cover letter which documents this fact. Another  
report is due to be submitted on this site within the next two weeks. A  
copy of the earlier report will be provided along with it.

An unauthorized release form was already submitted on December 12, 1989.  
A copy of the form is attached. I have notified Gettler-Ryan to pay the  
required \$375 deposit.

d1017001

29 Wildwood, Piedmont

The work proposed by Weiss Associates in their September 25, 1989 report was completed on January 24, 1990, after a delay in obtaining encroachment permits from the City of Oakland. All wells were sampled on January 30, 1990 and April 27, 1990. A report detailing these activities will be submitted by June 25, 1990.

An unauthorized release form was submitted by Shell engineer Ray Newsome. A copy of the form is attached. I have notified Weiss Associates to pay the required \$375 deposit.

If you have any questions, please contact me at (415) 676-1414, extension 127.

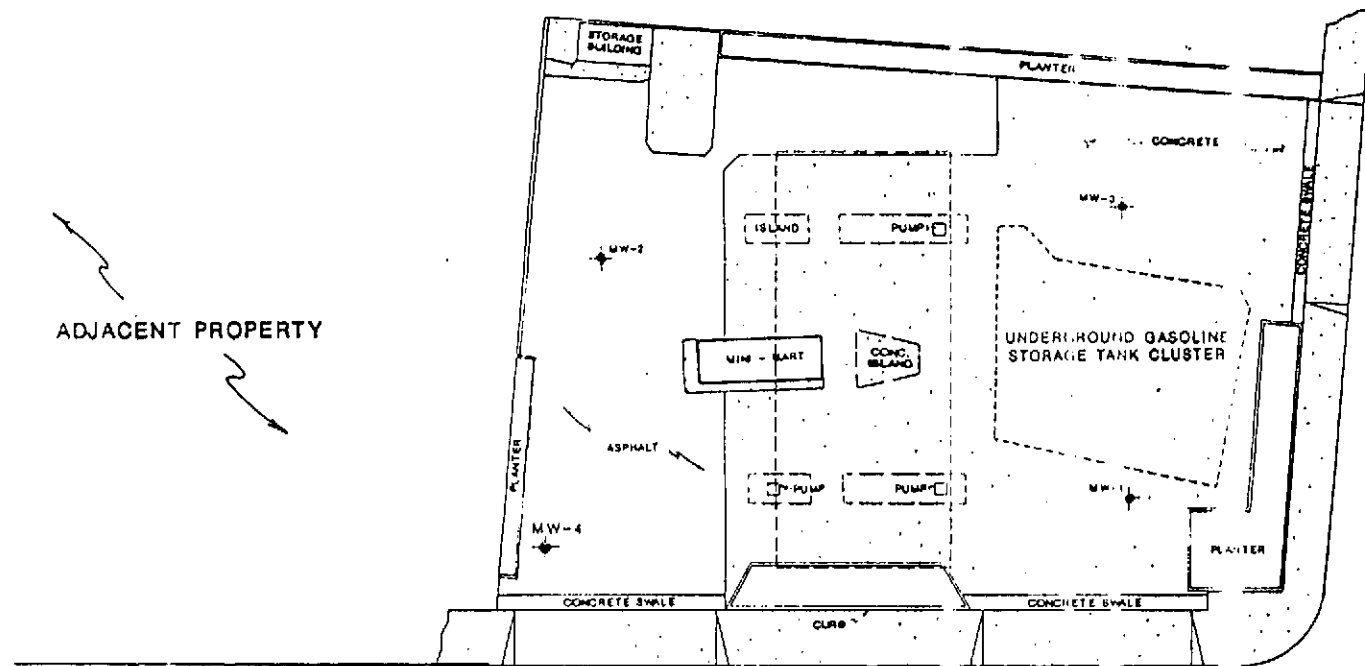
Very truly yours,



Diane M. Lundquist  
District Environmental Engineer

cc: Howard Hatayama, DOHS  
Lester Feldman, RWQCB  
Gil Jensen, District Attorney, Alameda County  
Rafat Shahid, Asst. Agency Director  
John Werfal, Gettler Ryan  
Randy Stone, Exeltech  
Joe Theisen, Weiss Associates





**LEGEND**

MW-1 GROUNDWATER MONITORING WELL

● PROPOSED SHALLOW GROUNDWATER SAMPLE POINTS

0 40  
  
 APPROX. SCALE IN FEET

**PROPOSED GROUNDWATER SAMPLE POINT LOCATIONS**

SHELL SERVICE STATION  
 230 MacARTHUR BOULEVARD  
 OAKLAND, CALIFORNIA

|                   |                      |
|-------------------|----------------------|
| REVIEWED BY:      | APPROVED BY:         |
| JOB #:<br>1847-2G | DRAWN BY:<br>J.C.    |
| DATE:<br>2/16/90  | DRAWING #:<br>FIG. 1 |



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



June 8, 1990

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

Ms. Diane Lundquist  
Shell Oil Co.  
P.O. Box 4023  
Concord, CA 94524

Re: Request for technical reports for three Shell sites: 230  
MacArthur Blvd., Oakland; 29 Wildwood Ave., Piedmont; and 999 San  
Pablo Ave., Albany

Dear Ms. Lundquist:

In reviewing my files recently, it came to my attention that I do not have the reports and technical information I should on the three sites listed above. I will treat each of the sites, including our requirements for technical submittals, individually.

230 MacArthur Blvd., Oakland

The newest monitoring well installed at this site, MW-4, shows an increasing trend of hydrocarbon contamination. Although only two samples have been taken from this well (January 23 and March 8, 1990), TPH levels have increased from 1.6 ppm to 4.2 ppm. None of the other monitoring wells show any contamination. Well MW-4 appears to be downgradient of the tank cluster and the lower pump island, indicating that one of these areas is likely to be the source of contamination. This warrants further investigation, both to pinpoint the actual source and to define the local limits of a possible plume. Please submit a work plan that addresses these questions within 30 days, i.e., no later than July 9, 1990. This work plan should be submitted to this office and to the Regional Water Quality Control Board (attn: Lester Feldman), and must include a schedule for implementation of various tasks.

29 Wildwood Ave., Piedmont

In a report dated September 25, 1989, Weiss Associates recommended the following actions at this site:

- the installation of three soil borings, as well as downgradient and off-site monitoring wells;
- the sampling of all wells; and
- the preparation of a report summarizing results.

The need for this additional investigative work was reiterated in one of the quarterly meetings between Shell Oil Co. and this office.

Ms. Diane Lundquist  
June 8, 1990  
Page 2 of 3

According to our files, however, no report has been submitted since September 1989. Therefore, assuming that the work Weiss recommended has in fact been completed, we are requiring that Shell submit a report to this office and to the RWQCB by **June 25, 1990**. This report must summarize results to date, discuss site hydrogeology in some detail, and present recommendations and a schedule for further action. If the work recommended by Weiss has not been accomplished, then such a report is due on **July 23, 1990**. As in all other leak cases, quarterly sampling and reporting of all wells must be done.

In addition, according to the records, Shell has not submitted an Unauthorized Release Report to this office. Please complete and submit this form to our office immediately. Finally, we will need a deposit in the amount of \$375, made out to Alameda County, to cover our costs for site review. Please send this along with the report discussed above, or sooner if possible.

**999 San Pablo Ave., Albany**

Gettler-Ryan found floating product in observation wells at this site in April 1989. This office advised Shell of the need to act immediately to investigate the situation, and as a result Shell apparently contracted with Gettler-Ryan/GeoStrategies to drill 7 soil borings and 3 monitoring wells at the site (a total of 10 holes). According to the work plan, these tasks were to be completed by February 9, 1990, with a report available by March 30. However, as of the date of this letter, we have not received the report. Please submit this report to this office and to the RWQCB by **June 25, 1990**. This report should include the following elements:

1. a summary of site work and results;
2. a discussion of the likely source(s) of contamination, based on analytical results; and
3. recommendations for further work, including a schedule for implementing this work.

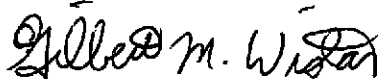
As in the case above, please submit a deposit of \$375 for county oversight of the site, as well as an Unauthorized Release Report.

Because we are overseeing each of these sites under the designated authority of the RWQCB, this letter constitutes a formal request for technical reports, according to Sec 13267 of the Water Code. Additionally, local implementing agencies now have direct authority to require technical reports and implementation schedules, under Sec. 25299.36 of the California Health and Safety Code.

Ms. Diane Lundquist  
June 8, 1990  
Page 3 of 3

If you have any questions about this letter, please contact the undersigned at 271-4320.

Sincerely,



Gil Wistar  
Hazardous Materials Specialist

cc: Howard Hatayama, DOHS  
Lester Feldman, San Francisco Bay RWQCB  
Gil Jensen, District Attorney, Alameda County Consumer and  
Environmental Protection Agency  
Rafat A. Shahid, Asst. Agency Director, Env. Hlth.  
files (3 sites)

Shell Oil Company



EAST BAY  
MARKETING DISTRICT

P.O. Box 4023  
Concord, CA 94524  
(415) 676-1414

April 3, 1990

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

SUBJECT: SHELL SERVICE STATION  
999 SAN PABLO AVENUE  
ALBANY, CALIFORNIA

Dear Mr. Wistar:

Enclosed is a copy of the Well Installation and Soil Boring Report, dated March 23, 1990, which documents the preliminary soil and groundwater investigation conducted at the subject location.

If you should have any questions or comments regarding this project please do not hesitate to call me at (415) 676-1414 ext. 127.

Very truly yours,

A handwritten signature in cursive script that reads "Diane M. Lundquist".

Diane M. Lundquist  
District Environmental Engineer

DML/jw

enclosure

cc: Mr. Tom Callaghan, Regional Water Quality Control Board  
Mr. John Werfal, Gettler-Ryan Inc.

Shell Oil Company



EAST BAY  
MARKETING DISTRICT

P.O. Box 4023  
Concord, CA 94524  
(415) 676-1414

December 12, 1989

Mr. Gil Wistar  
Alameda County Health Agency  
80 Swan Way, Room 200  
Oakland, CA 94621

Dear Mr. Wistar:

SUBJECT: SHELL SERVICE STATION  
999 SAN PABLO  
ALBANY, CA

Enclosed are an Unauthorized Release Site Report and Underground Storage Tank Financial Responsibility Document for the subject site.

Shell is currently removing product manually while preparing a work plan for site investigation.

If you have any questions, please contact me at (415) 676-1414, Ext. 127.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Diane M. Lundquist".

Diane M. Lundquist  
District Environmental Engineer

bc: K. V. Feazel  
W. F. Fisher  
D. L. Robinson  
L. S. Foster

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

|                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           |                                                             |
|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|
| EMERGENCY<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED?<br><input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                                              |                                                   | FOR LOCAL AGENCY USE ONLY<br>I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE                           |                                                             |
| REPORT DATE<br>12/1/2008                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | CASE #                                                                                                                                                                                                                                                                                                                                             |                                                   | SIGNED _____ DATE _____                                                                                                                                                                                                                   |                                                             |
| REPORTED BY                                                                                                | NAME OF INDIVIDUAL FILING REPORT<br><b>DIANE LUNDQUIST</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                    | PHONE<br><b>(415) 676-1414</b>                    | SIGNATURE<br><i>[Signature]</i>                                                                                                                                                                                                           |                                                             |
|                                                                                                            | REPRESENTING<br><input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD<br><input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                    | COMPANY OR AGENCY NAME<br><b>SHELL OIL</b>        |                                                                                                                                                                                                                                           |                                                             |
| ADDRESS<br><b>PO BOX 4023</b> STREET <b>CONCORD</b> CITY <b>CA</b> STATE <b>94524</b> ZIP <del>94610</del> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           |                                                             |
| RESPONSIBLE PARTY                                                                                          | NAME<br><b>SHELL OIL</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> UNKNOWN                  | CONTACT PERSON<br><b>DIANE LUNDQUIST</b>                                                                                                                                                                                                  | PHONE<br><b>(415) 676-1414</b>                              |
|                                                                                                            | ADDRESS<br><b>PO BOX 4023</b> STREET <b>CONCORD</b> CITY <b>CA</b> STATE <b>94610</b> ZIP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           |                                                             |
| SITE LOCATION                                                                                              | FACILITY NAME (IF APPLICABLE)<br><b>SHELL STATION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                    | OPERATOR<br><b>ROB WOOD</b>                       | PHONE<br><b>(415) 527-8708</b>                                                                                                                                                                                                            |                                                             |
|                                                                                                            | ADDRESS<br><b>999 SAN PABLO</b> STREET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                    | CITY<br><b>ALBANY</b>                             | COUNTY<br><b>ALAMEDA</b>                                                                                                                                                                                                                  | ZIP                                                         |
| CROSS STREET<br><b>MARIN</b>                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TYPE OF AREA<br><input checked="" type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> RURAL<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> OTHER                                                                                                                                           |                                                   | TYPE OF BUSINESS<br><input checked="" type="checkbox"/> RETAIL FUEL STATION<br><input type="checkbox"/> FARM <input type="checkbox"/> OTHER                                                                                               |                                                             |
| IMPLEMENTING AGENCIES                                                                                      | LOCAL AGENCY AGENCY NAME<br><b>ALAMEDA COUNTY HEALTH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                    | CONTACT PERSON<br><b>GIL WISTAR</b>               |                                                                                                                                                                                                                                           | PHONE<br><b>(415) 271-4320</b>                              |
|                                                                                                            | REGIONAL BOARD<br><b>SAN FRANCISCO BAY RWQCB</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                    | CONTACT PERSON<br><b>TOM CALLAGHAN</b>            |                                                                                                                                                                                                                                           | PHONE<br><b>(415) 464-1255</b>                              |
| SUBSTANCES INVOLVED                                                                                        | (1) NAME<br><b>GASOLINE</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           | QUANTITY LOST (GALLONS)<br><input type="checkbox"/> UNKNOWN |
|                                                                                                            | (2)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           | <input type="checkbox"/> UNKNOWN                            |
| DISCOVERY/ABATEMENT                                                                                        | DATE DISCOVERED<br><b>04/20/08</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | HOW DISCOVERED<br><input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS<br><input checked="" type="checkbox"/> OTHER <b>ANNUAL INSPECTION</b>                                            |                                                   |                                                                                                                                                                                                                                           |                                                             |
|                                                                                                            | DATE DISCHARGE BEGAN<br>____/____/____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input type="checkbox"/> REMOVE CONTENTS <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURE<br><input checked="" type="checkbox"/> UNKNOWN |                                                   |                                                                                                                                                                                                                                           |                                                             |
| SOURCE/CAUSE                                                                                               | SOURCE OF DISCHARGE<br><input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN<br><input type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                    | TANKS ONLY CAPACITY<br><b>10M</b> GAL             | MATERIAL<br><input checked="" type="checkbox"/> FIBERGLASS<br><input type="checkbox"/> STEEL <input type="checkbox"/> OTHER                                                                                                               |                                                             |
|                                                                                                            | HAS DISCHARGE BEEN STOPPED?<br><input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE ____/____/____                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                    | AGE _____ YRS<br><input type="checkbox"/> UNKNOWN | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE<br><input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN<br><input type="checkbox"/> SPILL <input type="checkbox"/> OTHER |                                                             |
| CASE TYPE                                                                                                  | CHECK ONE ONLY<br><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<br><input checked="" type="checkbox"/> SITE INVESTIGATION IN PROGRESS (DEFINING EXTENT OF PROBLEM) <input type="checkbox"/> CLEANUP IN PROGRESS <input type="checkbox"/> SIGNED OFF (CLEANUP COMPLETED OR UNNECESSARY)<br><input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> NO FUNDS AVAILABLE TO PROCEED <input type="checkbox"/> EVALUATING CLEANUP ALTERNATIVES                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           |                                                             |
| REMEDIAL ACTION                                                                                            | CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS)<br><input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & DISPOSE (ED) <input checked="" type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT)<br><input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS)<br><input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> OTHER (OT) |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           |                                                             |
| COMMENTS                                                                                                   | <b>PRODUCT WILL BE PUMPED MANUALLY, SITE INVESTIGATION TO BE UNDERTAKEN.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                    |                                                   |                                                                                                                                                                                                                                           |                                                             |

Shell Oil Company

One Shell Plaza  
P. O. Box 2463  
Houston, Texas 77252

J. C. Jacobsen  
Vice President  
Finance

April 20, 1989

I am the chief financial officer of Shell Oil Company, P. O. Box 2463, Houston, Texas 77252. This letter is in support of the use of the financial test of self-insurance to demonstrate financial responsibility for taking corrective action and/or compensating third parties for bodily injury and property damage caused by sudden accidental releases and/or nonsudden accidental releases in the amount of at least \$1,000,000 per occurrence and \$2,000,000 annual aggregate arising from operating underground storage tanks (UST).

Underground storage tanks at the following facilities are assured by this financial test or a financial test under an authorized state program by this owner or operator:

All tanks are assured by this financial test:

- See Attachment A for Retail Locations;
- See Attachment B for Distribution Locations;
- See Attachment C for Manufacturing Locations;
- See Attachment D for All Other Locations.

A financial test is also used by this owner or operator to demonstrate evidence of financial responsibility in the following amounts under other EPA regulations or state programs authorized by EPA under 40 CFR Parts 271 and 145:

| <u>EPA Regulations</u>                             | <u>California Amount</u> |
|----------------------------------------------------|--------------------------|
| Closure (Sec. 264.143 and Sec. 265.143)            | \$ -                     |
| Post-Closure Care (Sec. 264.145 and Sec. 265.145)  | \$ -                     |
| Liability Coverage (Sec. 264.147 and Sec. 265.147) | \$ -                     |
| Corrective Action (Sec. 264.101(b))                | \$ -                     |
| Plugging and Abandonment (Sec. 144.63)             | \$ -                     |
| Closure                                            | \$39,702,351             |
| *Post-Closure Care                                 | \$42,451,345             |
| Liability Coverage                                 | \$10,000,000             |
| Corrective Action                                  | \$ -                     |
| Plugging and Abandonment                           | \$ 1,012,257             |
| Total                                              | \$93,165,953             |

\*30 Year Post-Closure Care

BQQ8901105 - 0001.0.0



This owner or operator has not received an adverse opinion, a disclaimer of opinion, or a "going concern" qualification from an independent auditor on his financial statements for the latest completed fiscal year\*.

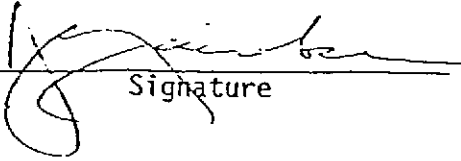
Alternative I

|                                                                                                                                                                            |               |                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|
| 1. Amount of annual UST aggregate coverage being assured by a financial test, and/or guarantee.                                                                            | \$            | 2,000,000      |
| 2. Amount of corrective action, closure and post-closure care costs, liability coverage, and plugging and abandonment costs covered by a financial test, and/or guarantee. | \$            | 93,165,953     |
| 3. Sum of lines 1 and 2.                                                                                                                                                   | \$            | 95,165,953     |
| 4. Total tangible assets*.                                                                                                                                                 | \$            | 27,169,000,000 |
| 5. Total liabilities*.                                                                                                                                                     | \$            | 11,788,000,000 |
| 6. Tangible net worth* (subtract line 5 from line 4).                                                                                                                      | \$            | 15,381,000,000 |
|                                                                                                                                                                            | <u>Yes</u>    | <u>No</u>      |
| 7. Is line 6 at least \$10 million?                                                                                                                                        | <u>X</u>      | <u>      </u>  |
| 8. Is line 6 at least 10 times line 3?                                                                                                                                     | <u>X</u>      | <u>      </u>  |
| 9. Have financial statements for the latest fiscal year been filed with the Securities and Exchange Commission*?                                                           | <u>X</u>      | <u>      </u>  |
| 10. Have financial statements for the latest fiscal year been filed with the Energy Information Administration?                                                            | <u>N/A</u>    | <u>      </u>  |
| 11. Have financial statements for the latest fiscal year been filed with the Rural Electrification Administration?                                                         | <u>N/A</u>    | <u>      </u>  |
| 12. Has financial information been provided to Dun and Bradstreet, and has Dun and Bradstreet provided a financial strength rating of 4A or 5A?                            | <u>      </u> | <u>X</u>       |

\*Period ended December 31, 1988.



I hereby certify that the wording of this letter is identical\* to the wording specified in 40 CFR Part 280.95(d) as such regulations were constituted on the date shown immediately below.

  
Signature

J. C. Jacobsen

Name

Vice President Finance

Title

April 20, 1989

Date

Attachments


\*Typographical errors have been corrected; explanatory footnotes have been added where appropriate.

CERTIFICATION OF FINANCIAL RESPONSIBILITY

Shell Oil Company hereby certifies that it is in compliance with the requirements of Subpart H of 40 CFR Part 280.

The financial assurance mechanism used to demonstrate financial responsibility under Subpart H of 40 CFR Part 280 is as follows:

Financial test of self-insurance per 40 CFR Sec. 280.95.

  
\_\_\_\_\_  
Shell Oil Company  
J. E. Jacobsen  
Vice President Finance  
April 20, 1989

  
\_\_\_\_\_  
S. H. Hillman  
April 20, 1989

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

|                                                                                                                                                                                                |  |                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| EMERGENCY<br><input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                                                                                                               |  | HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input type="checkbox"/> NO                                                                                                                                                                                                                                |  | STATE TANK ID #                                                                                                                                                                                                                |  |
| REPORT DATE<br>M   M   D   D   Y   Y                                                                                                                                                           |  | LOCAL CASE #                                                                                                                                                                                                                                                                                                                                      |  | REGIONAL BOARD CASE #                                                                                                                                                                                                          |  |
| US EPA ID #                                                                                                                                                                                    |  | NAME OF INDIVIDUAL FILING REPORT<br><b>RAY NEWSOME</b>                                                                                                                                                                                                                                                                                            |  | PHONE<br><b>( 415 ) 676-1414</b>                                                                                                                                                                                               |  |
| SIGNATURE                                                                                                                                                                                      |  | REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER<br><input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD                                                                                                                                                                   |  | COMPANY OR AGENCY NAME<br><b>SHELL OIL COMPANY</b>                                                                                                                                                                             |  |
| ADDRESS<br><b>P. O. BOX 4023</b>                                                                                                                                                               |  | CITY<br><b>CONCORD</b>                                                                                                                                                                                                                                                                                                                            |  | STATE<br><b>CALIF.</b>                                                                                                                                                                                                         |  |
| STREET                                                                                                                                                                                         |  | CITY                                                                                                                                                                                                                                                                                                                                              |  | STATE                                                                                                                                                                                                                          |  |
| ZIP<br><b>94524</b>                                                                                                                                                                            |  | CONTACT PERSON<br><b>RAY NEWSOME</b>                                                                                                                                                                                                                                                                                                              |  | PHONE<br><b>( 415 ) 676-1414</b>                                                                                                                                                                                               |  |
| NAME<br><b>SHELL OIL COMPANY</b>                                                                                                                                                               |  | CONTACT PERSON<br><b>RAY NEWSOME</b>                                                                                                                                                                                                                                                                                                              |  | PHONE<br><b>( 415 ) 676-1414</b>                                                                                                                                                                                               |  |
| ADDRESS<br><b>P. O. BOX 4023</b>                                                                                                                                                               |  | CITY<br><b>CONCORD</b>                                                                                                                                                                                                                                                                                                                            |  | STATE<br><b>CALIF.</b>                                                                                                                                                                                                         |  |
| STREET                                                                                                                                                                                         |  | CITY                                                                                                                                                                                                                                                                                                                                              |  | STATE                                                                                                                                                                                                                          |  |
| ZIP<br><b>94524</b>                                                                                                                                                                            |  | OPERATOR<br><b>NOEL D. COFFIN</b>                                                                                                                                                                                                                                                                                                                 |  | PHONE<br><b>( 415 ) 654-0512</b>                                                                                                                                                                                               |  |
| FACILITY NAME (IF APPLICABLE)<br><b>SHELL STATION</b>                                                                                                                                          |  | OPERATOR<br><b>NOEL D. COFFIN</b>                                                                                                                                                                                                                                                                                                                 |  | PHONE<br><b>( 415 ) 654-0512</b>                                                                                                                                                                                               |  |
| ADDRESS<br><b>29 WILDWOOD AVE.</b>                                                                                                                                                             |  | CITY<br><b>PIEDMONT</b>                                                                                                                                                                                                                                                                                                                           |  | COUNTY<br><b>ALAMEDA</b>                                                                                                                                                                                                       |  |
| STREET                                                                                                                                                                                         |  | CITY                                                                                                                                                                                                                                                                                                                                              |  | COUNTY                                                                                                                                                                                                                         |  |
| ZIP<br><b>94610</b>                                                                                                                                                                            |  | TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION                                                                                                                                                                                                                                                                          |  | ZIP<br><b>94610</b>                                                                                                                                                                                                            |  |
| CROSS STREET                                                                                                                                                                                   |  | TYPE OF AREA <input type="checkbox"/> COMMERCIAL <input type="checkbox"/> INDUSTRIAL<br><input type="checkbox"/> RESIDENTIAL <input type="checkbox"/> RURAL <input type="checkbox"/> OTHER                                                                                                                                                        |  | TYPE OF BUSINESS <input checked="" type="checkbox"/> RETAIL FUEL STATION<br><input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER                                                                                    |  |
| LOCAL AGENCY<br><b>SAN FRANCISCO BAY REGION</b>                                                                                                                                                |  | AGENCY NAME                                                                                                                                                                                                                                                                                                                                       |  | CONTACT PERSON<br><b>TOM CALLAGHAN</b>                                                                                                                                                                                         |  |
| REGIONAL BOARD<br><b>SAN FRANCISCO BAY REGION</b>                                                                                                                                              |  | CONTACT PERSON<br><b>TOM CALLAGHAN</b>                                                                                                                                                                                                                                                                                                            |  | PHONE<br><b>( 415 ) 464-0787</b>                                                                                                                                                                                               |  |
| TSCD                                                                                                                                                                                           |  | CONTACT PERSON<br><b>TOM CALLAGHAN</b>                                                                                                                                                                                                                                                                                                            |  | PHONE<br><b>( 415 ) 464-0787</b>                                                                                                                                                                                               |  |
| CAS # (ATTACH EXTRA SHEET IF NEEDED)                                                                                                                                                           |  | NAME                                                                                                                                                                                                                                                                                                                                              |  | QUANTITY LOST (GALLONS)                                                                                                                                                                                                        |  |
| (1)                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                   |  | <input checked="" type="checkbox"/> UNKNOWN                                                                                                                                                                                    |  |
| (2)                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                   |  | <input type="checkbox"/> UNKNOWN                                                                                                                                                                                               |  |
| DATE DISCOVERED<br>M   M   D   D   Y   Y                                                                                                                                                       |  | HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING<br><input type="checkbox"/> ROUTINE MONITORING <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> OTHER:                                                             |  | DATE DISCHARGE BEGAN<br>M   M   D   D   Y   Y                                                                                                                                                                                  |  |
| DATE DISCHARGE BEGAN<br>M   M   D   D   Y   Y                                                                                                                                                  |  | METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY)<br><input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> REPLACE TANK <input type="checkbox"/> CLOSE TANK<br><input type="checkbox"/> REPAIR TANK <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> CHANGE PROCEDURES<br><input type="checkbox"/> OTHER |  | HAS DISCHARGE BEEN STOPPED?<br><input type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE M   M   D   D   Y   Y                                                                                                     |  |
| SOURCE(S) OF DISCHARGE<br><input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN<br><input type="checkbox"/> PIPING LEAK<br><input type="checkbox"/> OTHER (SPECIFY)   |  | TANKS ONLY/CAPACITY <b>550</b> GAL<br>AGE <input type="checkbox"/> YRS. <input type="checkbox"/> UNKNOWN<br>MATERIAL<br><input type="checkbox"/> STEEL <input type="checkbox"/> FIBERGLASS<br><input type="checkbox"/> OTHER                                                                                                                      |  | CAUSE(S)<br><input type="checkbox"/> OVERFILL <input type="checkbox"/> CORROSION<br><input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL<br><input type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER |  |
| RESOURCES AFFECTED AT RISK                                                                                                                                                                     |  | WATER SUPPLIES AFFECTED                                                                                                                                                                                                                                                                                                                           |  | # OF WELLS                                                                                                                                                                                                                     |  |
| YES NO THREATENED UNKNOWN                                                                                                                                                                      |  | YES NO THREATENED UNKNOWN                                                                                                                                                                                                                                                                                                                         |  | YES NO THREATENED UNKNOWN                                                                                                                                                                                                      |  |
| AIR (VAPOR) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input type="checkbox"/>                  |  | PUBLIC DRINKING WATER <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                                                                                                                                           |  | PUBLIC DRINKING WATER <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                        |  |
| SOIL (VADOSE ZONE) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/>           |  | PRIVATE DRINKING WATER <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                                                                                                                                          |  | PRIVATE DRINKING WATER <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                       |  |
| GROUNDWATER <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                  |  | INDUSTRIAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                                                                                                                                                      |  | INDUSTRIAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                                   |  |
| SURFACE WATER OR STORM DRAIN <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input type="checkbox"/> |  | AGRICULTURAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                                                                                                                                                    |  | AGRICULTURAL <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/>                                                 |  |
| BUILDING OR UTILITY VAULT <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input type="checkbox"/>    |  | OTHER (SPECIFY) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input type="checkbox"/>                                                                                                                                                                            |  | OTHER (SPECIFY) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input type="checkbox"/>                                                         |  |
| OTHER (SPECIFY) <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> THREATENED <input type="checkbox"/> UNKNOWN <input type="checkbox"/>                         |  | GROUNDWATER BASIN NAME                                                                                                                                                                                                                                                                                                                            |  | GROUNDWATER BASIN NAME                                                                                                                                                                                                         |  |
| COMMENTS:                                                                                                                                                                                      |  | <input checked="" type="checkbox"/> UNKNOWN                                                                                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                |  |
| COMPLETE AND ATTACH A CLEANUP TRACKING REPORT IF ANY CLEANUP WORK OR PLANNING HAS STARTED                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                |  |



July 6, 1988

Department of Environmental Health  
Alameda County Health Care Service Agency  
80 Swan Way, Suite 200  
Oakland, CA 94621

RECEIVED  
JUL 8 1988

HAZARDOUS MATERIALS/  
WASTE PROGRAM

Attn: Mr. Storm Goranson  
Re: Fee for remedial Supervision at the Shell service station  
230 W. MacArthur Blvd., Oakland  
Project No. 1847

Dear Mr. Goranson:

Please find attached the EES check for \$750.00. At your request, this amount is sent to cover fees for the Health Department's review of EES's remedial action plans and work at the Shell site at the above referenced address.

Thankyou.

Sincerely  
ENSCO Environmental Services Inc.

*David Blunt*  
David Blunt  
Senior Project Geologist

(additional funds U15 08533)  
Project # U15 24534  
Fee Paid \$ 750  
Date 7/11/88

cc: Mr. Stan Roller

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



Certified Mailer #P 759 896 722  
June 10, 1988

DEPARTMENT OF ENVIRONMENTAL HEALTH  
470 - 27th Street, Third Floor  
Oakland, California 94612  
(415) 271-4320

Shell Oil Corporation  
P.O. Box 700  
Lafayette, CA 94549  
Attn: Mr. Ray Newsome

SUBJECT: SHELL SERVICE STATION, 230 W. MACARTHUR BLVD., OAKLAND 94611

\*\*\*\*\* FINAL NOTICE OF VIOLATION \*\*\*\*\*

Dear Mr. Newsome:

Our letter dated December 30, 1987 requested your submittal of the final closure plan and a proposal for the mitigation of the underground tank leak at the subject address. To date, neither document has been received. Pursuant to Sections 2635 and 2672 of Title 23 of the California Administrative Code, you are required to submit the following documents. If you do not submit the documents within thirty (30) days of this letter, this matter will be referred to the District Attorney for enforcement.

- 1) Final closure submittal.
- 2) Proposed Remedial Action.
- 3) Copy of the "AS-BUILT" construction plans.

Should you have any questions concerning this matter, please contact Storm Goranson, Hazardous Materials Specialist at 271-4320.

Sincerely,

*Rafat A. Shahid*  
Rafat A. Shahid, Chief  
Hazardous Materials Division

RAS:mam

cc: R. Johnston, contractor  
Kaprelian Engineering  
Gil Jensen, Alameda County District Attorney, Consumer and  
Environmental Protection Division

P 759 896 722  
**RECEIPT FOR CERTIFIED MAIL**  
 NO INSURANCE COVERAGE PROVIDED  
 NOT FOR INTERNATIONAL MAIL  
 (See Reverse)

|                                                                        |    |
|------------------------------------------------------------------------|----|
| Sent to <i>Shell Oil Corp.</i>                                         |    |
| Street and No.                                                         |    |
| P.O., State and ZIP Code <i>Lafayette</i><br><i>P.O. Box 700 99549</i> |    |
| Postage                                                                | \$ |
| Certified Fee                                                          |    |
| Special Delivery Fee                                                   |    |
| Restricted Delivery Fee                                                |    |
| Return Receipt showing to whom and Date Delivered                      |    |
| Return Receipt showing to whom, Date, and Address of Delivery          |    |
| TOTAL Postage and Fees                                                 | \$ |
| Postmark or Date                                                       |    |

PS Form 3800, June 1985







|                                                  |                               |                |
|--------------------------------------------------|-------------------------------|----------------|
| TO (NAME AND LOCATION)<br>Storm Goranson         | Alameda Co. Environ<br>Health | FILE REFERENCE |
| FROM (NAME AND LOCATION)<br>R.G. Newsome         | Shell Oil Co.                 |                |
| SUBJECT<br>Shell Station @ 230 W. MacArthur, Oak |                               | DATE<br>1-6-88 |

Storm Goranson

In reference to my letter regarding soil report of material remove and transported to a Richmond Site.

I received a call from my Geologist that a Mr. Shahid requested a leak report be submitted for County records.

Attached find a copy of completed form for your use.

If any additional information is necessary call me at 915 ) 676-1414 extension 128.

*R.G. Newsome*

RECEIVED  
JAN 7 1988

HAZARDOUS MATERIALS/  
WASTE PROGRAM

|         |         |         |         |
|---------|---------|---------|---------|
| COPY TO | COPY TO | COPY TO | PAGE OF |
|---------|---------|---------|---------|

Shell Oil Company



EAST BAY  
MARKETING DISTRICT

P.O. Box 4023  
Concord, CA 94524  
(415) 676-1414

Janaury 6, 1988

Mr. Storm Goranson  
Alameda County Environmental Health &  
Hazardous Material Division  
470 - 27th Street, Room 322  
Oakland, CA 94612

Dear Mr. Goranson:

RE: STOCKPILED SOIL AT  
SHELL STATION  
1000 CUTTING BOULEVARD & HARBOUR WAY  
RICHMOND, CA

This letter is to report the results of soil samples taken on  
December 17, 1987 (soil originated from Shell Station at  
230 W. Mac Arthur Boulevard, Oakland).

Analyses indicate TPH concentrations range from 3.9 PPM to 34 PPM.  
Therefore, no further sampling is necessary and soil will be  
transferred to a Class III disposal site.

If you have any questions, please call me at (415) 676-1414, Ext. 128.

Very truly yours,

A handwritten signature in cursive script that reads "R. G. Newsome".

R. G. Newsome  
Sr. District Engineer

RGN:jm

cc: Contra Costa County Environmental Health Dept., Attn: Bruce Benike  
San Francisco Regional Water Quality Board, Attn: Tom Callaghan  
C. Grimmer, Manager HS&E, Products Distribtuion/Retail

ALAMEDA COUNTY  
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY

XXXXXXXXXXXX  
J. MICHAEL LEAHY, Agency Director



470-27th Street, Third Floor  
Oakland, California 94612  
(415) 874-7237

December 30, 1987

Shell Oil Corporation  
P. O. Box 700  
Lafayette, CA 94549  
Attn: Mr. Ray Newsome

SUBJECT: Shell Service Station, 230 W. MacArthur Blvd.  
Oakland, CA 94611

Dear Mr. Newsome:

We are in receipt of the report titled "Soil Sampling Investigation" by Kaprealian Engineering dated December 1, 1987 concerning underground storage tank removal at subject location. In order to complete the review of this project, the following must be submitted:

1. Deposit of \$750.00 for review costs.
2. Final closure plan.
3. Proposed Remedial Action.
4. Completed Underground Storage Tank Release Form (enclosed)

Items 1 through 3 must be submitted to this office within 30 days upon the receipt of this letter. By law, Item 4 must be submitted within five (5) working days of observance.

If you have any questions concerning this matter, please contact Storm Goranson, Hazardous Materials Specialist at 874-7237.

Sincerely,

*Rafat A. Shahid*

Rafat A. Shahid, Chief  
Hazardous Materials Division

RAS:SG:mam

cc: Kaprealian Engineering  
File

Enclosure

WATER RESOURCES CONTROL BOARD  
DIVISION OF WATER QUALITY - UST CLEANUP PROGRAM  
SITE SPECIFIC QUARTERLY REPORT  
01/01/92 THROUGH 03/31/92

AGENCY # : 10000      SOURCE OF FUNDS: F      SUBSTANCE: 8006619  
StID : 3673  
SITE NAME: Shell Service Station      DATE REPORTED : 12/29/87  
ADDRESS : 230 W. Macarthur Blvd.      DATE CONFIRMED:  
CITY/ZIP : Oakland      94611      MULTIPLE RPs : N

SITE STATUS  
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|                            |                                         |                          |
|----------------------------|-----------------------------------------|--------------------------|
| CASE TYPE:                 | CONTRACT STATUS: 2                      | EMERGENCY RESP:          |
| RP SEARCH: S               |                                         | DATE COMPLETED: 03/06/92 |
| PRELIMINARY ASMNT:         | DATE UNDERWAY:                          | 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: 03/06/92 |                          |
| LUFT FIELD MANUAL CONSID:  |                                         |                          |
| CASE CLOSED:               | DATE CASE CLOSED:                       |                          |
| DATE EXCAVATION STARTED :  | REMEDIAL ACTIONS TAKEN:                 |                          |

RESPONSIBLE PARTY INFORMATION  
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RP#1-CONTACT NAME: Ray Newsome  
COMPANY NAME: Shell Oil Co., Corp.  
ADDRESS: P. O. Box 4023  
CITY/STATE: Concord, Ca 94524

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Shell Oil Company



EAST BAY  
MARKETING DISTRICT

P.O. Box 4023  
Concord, CA 94524  
(415) 676-1414

December 29, 1987

Mr. Storm Goranson  
Alameda County Environmental Health &  
Hazardous Material Division  
470 - 27th Street, Room 322  
Oakland, CA 94612

Dear Mr. Goranson:

RE: SOIL SAMPLING/INVESTIGATION  
SHELL STATION  
230 W. MACARTHUR BOULEVARD  
OAKLAND, CA

In order to minimize possible vapor hazards that could effect Kaiser Hospital Administrative Offices, Shell installed an underground venting system one week prior to excavation of soils around underground gasoline tanks.

As a result of the venting system, hydrocarbon levels were less than 480 PPM (refer to soils investigation report dated December 1, 1987).

All soils were removed and transferred to a closed Shell station at 1000 Cutting Boulevard, Richmond, California for aeration and final disposal to a Class III facility.

If you have any questions, feel free to call me at (415) 676-1414, Ext. 128.

Very truly yours,

R. G. Newsome  
Sr. District Engineer

Project # US05553

RGN:jm

Fee Paid \$ 750.00

Attachment

1-19-88

RECEIVED  
DEC 31 1987

cc: Contra Costa County Environmental Health Dept., Attn: Bruce Benike  
San Francisco Regional Water Quality Board, Attn: Tom Callaghan  
Kaiser Permanente Hospital, Attn: Ken Ayers

Shell Oil Company



EAST BAY  
MARKETING DISTRICT

P.O. Box 4023  
Concord, CA 94524  
(415) 676-1414

December 16, 1987

Mr. Storm Govenson  
Alameda County Environmental  
Health Department  
470-27th Street, Third Floor  
Oakland, CA 94612

Dear Mr. Govenson:

RE: SOIL REMOVAL  
SHELL STATION  
230 W. MACARTHUR  
OAKLAND, CA

This letter is notification that all tank hole excavation material has been transported to a closed station at 1000 Cutting Boulevard, Richmond, California for aeration.

Samples were taken of all soil excavated prior to transportation. Refer to attached soil summary report dated December 1, 1987 for laboratory results.

If you have any questions, please call me on (415) 676-1414, Ext. 128.

Very truly yours,

A handwritten signature in black ink that reads "R. G. Newsome". The signature is written in a cursive, flowing style.

R. G. Newsome  
Sr. District Engineer

RGN:jm

Attachment

cc: Contra Costa County Health Department  
Attn: Bruce Benike  
1111 Ward Street  
Martinez, CA 94553

RECEIVED  
DEC 18 1987

HAZARDOUS WASTES/  
WASTE RECEIPT

TO: Lowell Miller and Storm Goranson

FROM: Edgar Howell *EHW*

Subject: Shell Station at Piedmont and McArthur Oakland.

On Oct. 29, 1987 Rafat Shahid and I contacted a David Potts at the site where he was involved in the removal of hydrocarbons from the vadose zone around the tanks with a suction type pump and having the materials going thru an engine (VW) as fuel and then exhausting the engine with a catalytic converter in line of the exhaust system.

Names given to us at the time as contacts for SHELL were:

Carl Grimmer  
SHELL WESTERN REGIONAL ENVIRONMENTAL  
(714) 520-3360

Stan Roller  
works for Grimmer  
(415) 676-1414 x 127

Ray Newsome  
Local Shell Engineer  
(415) 676-1414 x 128

For information of borings done within the past 6 weeks the contact is:

David Henry  
Wayne Perry Construction Co.  
Project # 86.255  
(714) 826-0352

If you have any questions see me.