



October 24, 2001

STID 3014 / PR0501139

Bruce Marubashi  
Equilon Enterprises, LLC  
3468 Claremont  
Modesto, CA 95350

Don Trinh  
Alameda Shell  
1601 Webster Street  
Alameda, CA 94501

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

### FINAL NOTICE OF VIOLATION

Re: Inspection of Shell Station, 1601 Webster Street, Alameda

Dear Messrs. Marubashi and Trinh:

As you are aware, a regulatory compliance inspection was performed at the subject facility on August 8, 2001. The purpose of the inspection was to determine compliance with conditions of the facility underground storage tank (UST) operating permit, as well as provisions of Title 23, California Code of Regulations (CCR) and California Health and Safety Code (HSC) Chapter 6.7.

In follow-up to this inspection, a Notice of Violation was issued by this office dated August 9, 2001. This Notice requested that specific steps be followed to bring your facility into compliance, and requested that you submit a *Corrective Action Plan (CAP)* that addressed each of the items articulated in the Notice. The Notice requested the following items:

- Correct the operation and maintenance problems identified during the 8/08/00 inspection
- Confirm the presence of striker plates, or submit plans to retrofit each drop tube with gauge plates
- Maintain in an accessible on-site location a copy of the operating permit and conditions, records of all alarm conditions and their resolution, records of all maintenance performed on the tank and monitoring systems, certification of financial responsibility, copies of UST monitoring system annual certifications, employee training, monthly tank and piping test reports, etc.
- Ensure all employees are properly trained in emergency response and tank monitoring procedures, and a spill kit is accessible to employees during all hours of operation

This office is in receipt of Equilon's letter dated August 30, 2001. This letter constitutes Equilon's contribution to the CAP, and addresses many, but not all, of the requested items

Messrs. Marubashi and Trinh  
Re: 1601 Webster Street, Alameda  
October 24, 2001  
Page 2 of 2

expected to be addressed in a comprehensive CAP. Only equipment maintenance items were addressed completely by Equilon. We understand that that dealer, Mr. Trinh, was expected by Equilon to respond to the remaining items. This has not occurred.

Consequently, you continue to operate your USTs in violation of your permit.

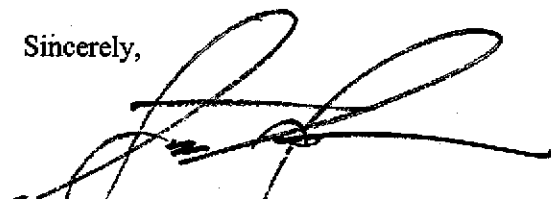
**Please be advised that your permit to operate will be revoked on November 7, 2001 unless the outstanding compliance issues have been adequately addressed to the satisfaction of this office.**

Permit revocation will require that your USTs be immediately voided of all product, electrical connections severed, and all dispensers secured.

Please be further advised that operation of the USTs after November 7, 2001 absent receipt of a *Return to Compliance Notice* issued from this office will constitute a violation of provisions of HSC Chapter 6.7, and 23CCR, resulting in the referral of your case to the Alameda County District Attorney's Office for civil prosecution.

Please contact me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM  
Hazardous Materials Specialist

cc: Susan Torrence, Alameda County District Attorney's Office  
Robert Weston, ACDEH



October 24, 2001

STID 3014 / PR0501139

Bruce Marubashi  
Equilon Enterprises, LLC  
3468 Claremont  
Modesto, CA 95350

Don Trinh  
Alameda Shell  
1601 Webster Street  
Alameda, CA 94501

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

### FINAL NOTICE OF VIOLATION

Re: Inspection of Shell Station, 1601 Webster Street, Alameda

Dear Messrs. Marubashi and Trinh:

As you are aware, a regulatory compliance inspection was performed at the subject facility on August 8, 2001. The purpose of the inspection was to determine compliance with conditions of the facility underground storage tank (UST) operating permit, as well as provisions of Title 23, California Code of Regulations (CCR) and California Health and Safety Code (HSC) Chapter 6.7.

In follow-up to this inspection, a Notice of Violation was issued by this office dated August 9, 2001. This Notice requested that specific steps be followed to bring your facility into compliance, and requested that you submit a *Corrective Action Plan* (CAP) that addressed each of the items articulated in the Notice. The Notice requested the following items:

- Correct the operation and maintenance problems identified during the 8/08/00 inspection
- Confirm the presence of striker plates, or submit plans to retrofit each drop tube with gauge plates
- Maintain in an accessible on-site location a copy of the operating permit and conditions, records of all alarm conditions and their resolution, records of all maintenance performed on the tank and monitoring systems, certification of financial responsibility, copies of UST monitoring system annual certifications, employee training, monthly tank and piping test reports, etc.
- Ensure all employees are properly trained in emergency response and tank monitoring procedures, and a spill kit is accessible to employees during all hours of operation

This office is in receipt of Equilon's letter dated August 30, 2001. This letter constitutes Equilon's contribution to the CAP, and addresses many, but not all, of the requested items

Messrs. Marubashi and Trinh  
Re: 1601 Webster Street, Alameda  
October 24, 2001  
Page 2 of 2

expected to be addressed in a comprehensive CAP. Only equipment maintenance items were addressed completely by Equilon. We understand that that dealer, Mr. Trinh, was expected by Equilon to respond to the remaining items. This has not occurred.

Consequently, you continue to operate your USTs in violation of your permit.

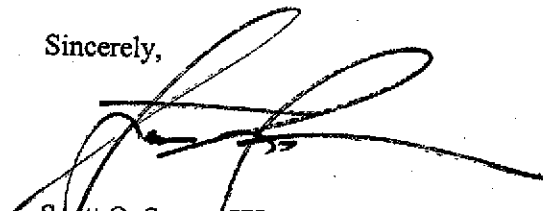
**Please be advised that your permit to operate will be revoked on November 7, 2001 unless the outstanding compliance issues have been adequately addressed to the satisfaction of this office.**

Permit revocation will require that your USTs be immediately voided of all product, electrical connections severed, and all dispensers secured.

Please be further advised that operation of the USTs after November 7, 2001 absent receipt of a *Return to Compliance Notice* issued from this office will constitute a violation of provisions of HSC Chapter 6.7, and 23CCR, resulting in the referral of your case to the Alameda County District Attorney's Office for civil prosecution.

Please contact me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM  
Hazardous Materials Specialist

cc: Susan Torrence, Alameda County District Attorney's Office  
Robert Weston, ACDEH

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

8-10-01  
R01042

August 9, 2001

STID 3014 / PR0501139

Bruce Marubashi  
Equilon Enterprises, LLC  
3468 Claremont  
Modesto, CA 95350

Don Trinh  
Alameda Shell  
1601 Webster Street  
Alameda, CA 94501

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

**NOTICE OF VIOLATION**

Re: Inspection of Shell Station, 1601 Webster Street, Alameda

Dear Messrs. Marubashi and Trinh:

A regulatory compliance inspection was performed at the subject facility on August 8, 2001. A representative of Service Station Systems, Inc. facilitated the inspection. The purpose of the inspection was to determine compliance with conditions of the facility underground storage tank (UST) operating permit, as well as provisions of Title 23, California Code of Regulations (CCR) and California Health and Safety Code (HSC) Chapter 6.7.

The following is a summary of non-compliant and other conditions noted at the time of the inspection:

- Striker plates could not be confirmed below tank openings of USTs
- Overspill buckets for used oil, and 87 and 91 product tanks had residual waste/product accumulated within
- All ATG sump surface cover bolts were missing
- Circuit breaker for Veeder-Root/Simplicity system was not clearly labeled
- Leak response kit (i.e., absorbent) was locked in main station building and not available to the attendant
- Tank administrative records were not available for review at the time of the inspection. The list of unavailable documents includes, but is not necessarily limited to : *Operating Permit and Conditions, Statement of Financial Responsibility, Monitoring Procedures / Release Response Plan*; records of monthly tank and piping tests, records of all alarm conditions and their resolution, records of all maintenance performed on the tank and monitoring system(s), records documenting training of employee(s) among others possible.

Messrs. Marubashi and Trinh  
Re: 1601 Webster Street, Alameda  
August 9, 2001  
Page 2 of 3

Violations of provisions of HSC and 23CCR have been identified, as follows:

- HSC Sec. 25293 – The operator of the underground tank system shall monitor the tank system using the method specified on the permit for the tank system. Records of monitoring .....shall be kept in sufficient detail to enable the local agency to determine whether the underground tank system is in compliance with the applicable provisions of [HSC Chapter 6.7], the regulations....., and the permit issued for the operation of the tank system.

Records of tank system monitoring, monthly tank and piping tests, employee training, etc., were not available for review during the inspection.. Results of the annual electronic monitoring equipment operational certifications were not available for review during the inspection. Each item violates a condition of your permit to operate the tank system at this site.

- 23CCR 2632(d)(2) – All tank monitoring programs shall include a response plan element that demonstrates, to the satisfaction of the local agency, that an unauthorized release will be properly handled.

Failure to ensure ready access to a spill response kit by the attendant *during all hours of operation* is a violation of this provision and of the Equilon monitoring and emergency response procedures. In addition, it is unclear, following an interview of the attendant on duty during the inspection, whether that employee was ever trained in emergency response, tank monitoring , etc,

- 23CCR Sec. 2662(d) – As of December 22, 1998, all tanks shall be fitted with striker plates or drop-tube mounted bottom protectors (gauge plates) under all tank openings.

The drop tubes were not retrofitted with gauge plates, and striker plates could not be confirmed. This issue was also identified during the 4/18/00 inspection of this facility.

Please be advised that HSC Sec. 25299(a) provides for civil liabilities imposed on the tank operator of up to \$5000 per tank per day per violation for:

- (2) Violation of any applicable requirement of the permit
- (6) Violation of any applicable requirements of HSC Chapter 6.7

Messrs. Marubashi and Trinh  
Re: 1601 Webster Street, Alameda  
August 9, 2001  
Page 3 of 3

Please be further advised that HSC Sec. 25299(b) provides for civil liabilities imposed on the tank owner of up to \$5000 per tank per day per violation for:

- (4) Knowing failure to take reasonable and necessary steps to assure compliance with HSC Chapter 6.7 by the operator
- (6) Violation of any applicable requirements of HSC Chapter 6.7

At this time, Equilon and the operator are required to correct the tank system operation and maintenance, and facility management issues identified in this inspection report, namely:

- Correct the operation and maintenance problems identified during the 8/08/00 inspection
- Confirm the presence of striker plates, or submit plans to retrofit each drop tube with gauge plates
- Maintain in an accessible on-site location a copy of the operating permit and conditions, records of all alarm conditions and their resolution, records of all maintenance performed on the tank and monitoring systems, certification of financial responsibility, copies of UST monitoring system annual certifications, employee training, monthly tank and piping test reports, etc.
- Ensure all employees are properly trained in emergency response and tank monitoring procedures, and a spill kit is accessible to employees during all hours of operation.

Pursuant to HSC Sec. 25288(d), you required to submit a *Plan of Correction* **within 60 days**. This plan shall indicate the tasks to be completed, or those that have been completed already, and the schedule for doing so.

You must certify, once all the necessary repairs and other tasks have been completed, that the tank systems are in full compliance with HSC Chapter 6.7 and UST regulations. We recommend, therefore, that you employ your own inspectors and engineers to ensure that this requirement is met, and to provide the appropriate level of quality control you will likely need to make this certification.

Please contact me at (510) 567-6783 should you have any questions about the content of this letter.

Sincerely,



Scott O. Seery, CHMM  
Hazardous Materials Specialist

cc: Susan Torrence, Alameda County District Attorney's Office  
Robert Weston, ACDEH

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0367, R0495  
R02744, R0254  
R02745, R02042

July 13, 1999

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

Aura Mattis  
HS & E Representative  
Shell Oil Products  
P. O. Box 8080  
Martinez CA 94553

**Subject: Request for underground storage tank leak detection records for first half of calendar year 1999**

Dear Ms. Mattis:

The underground storage tanks (USTs) on the attached list are single wall fiberglass tanks. These tanks are required to be monitored for leaks using an automatic tank gauge. The automatic tank gauge shall test the tank at least once per month after product delivery or when the tank is filled to within 10 % of the highest operating level during the previous month and shall be capable of detecting a release of 0.2 gallon per hour.

This is a formal request for copies of the data from those monthly tests. Please submit all test data for the months of January, February, March, April, May and June of 1999. The reports shall include the calculated leak rate and leak threshold for the automatic tank gauge systems installed after January 1, 1995. Data for all USTs at each site shall be submitted within 10 days of this letter.

Additionally, a year end summary is required to be submitted no later than January 30, 2000.

If you have any questions regarding this letter please contact me at (510) 567-6781.

Sincerely,

Robert Weston  
Sr. Hazardous Materials Specialist

enclosure

c: Tom Peacock, ACDEP



Shell Stations with Single Wall Fiberglass USTs

Alcosta Shell 8999 San Ramon Road Dublin CA 94568

Bay Super Shell 1800 Powell Street Emeryville CA 94608

Alameda Shell 1601 Webster Street Alameda CA 94501

Bayview Shell 1784 150th Avenue San Leandro CA 94578

Piedmont Shell 29 Wildwood Avenue Piedmont CA 94610

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R0#1042

ENVIRONMENTAL HEALTH SERVICES

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

StID 3014

November 3, 1998

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

**RE: Well Decommission at 1601 Webster Street, Alameda, CA**

Dear Mr. Perez:

This office and the San Francisco RWQCB have reviewed the case closure summary for the above referenced site and concur that no further action related to the underground tank release is required at this time. Before a remedial action completion letter is sent, the onsite monitoring wells (MW-1, MW-2, MW-3 and S-1) should be decommissioned, if they will no longer be monitored. Please notify this office upon completion of well destruction so a closure letter can be issued.

Well destruction permits may be obtained from Alameda County Public Works. They can be reached at (510) 670-5575.

If you have any questions, I can be reached at (510) 567-6762.

Sincerely,

eva chu  
Hazardous Materials Specialist

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02745  
✓ R01042

RAFAT A. SHAHID, Assistant Agency Director

StID 3014

December 5, 1994

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

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

**RE: Workplan Approval for Groundwater Oxygenation at 1601  
Webster St, Alameda 94501**

Dear Mr. Kirk:

I have completed review of Weiss Associates' (WA) response to my letter of October 25, 1994 for the installation of additional well(s) to delineate the extent of the contaminant plume as well as to help assess the effectiveness of groundwater oxygenation (GWO). WA maintains that additional wells are not required at this time. And the effectiveness of the system can be evaluated through sampling of existing wells. This office approves of the proposal to oxygenated water at well MW-2. Field activities should commence within 45 days of the date of this letter, or by **January 30, 1995.**

It is understood after six months of monitoring, Shell may consider installing an additional well, if necessary, to monitor the effectiveness of the GWO system.

If you have any questions, I can be reached at (510) 567-6762.

eva chu  
Hazardous Materials Specialist

cc: James Carmody, WA, 5500 Shellmound St, Emeryville 94608  
files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R02745

✓ R01042

RAFAT A. SHAHID, Assistant Agency Director

StID 3014

October 25, 1994

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

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

**RE: Groundwater Oxygenation at 1601 Webster St, Alameda 94501**

Dear Mr. Kirk:

I have completed review of Weiss Associates' September 1994 workplan for groundwater oxygenation at the above referenced site. The plan proposes to introduce a low flow rate of air into well MW-2 to enhance biodegradation of petroleum hydrocarbons in groundwater. However, the effectiveness of the system cannot be properly evaluated without additional well(s) in close proximity to well MW-2. Additional wells will determine the radius of influence from the introduced air, as well as to delineate the extent of the contaminant plume. Please submit an amended workplan for the additional well(s) required to complete the groundwater oxygenation system **within 30 days of the date of the letter.**

If you have any questions or comments on the contents of this letter, I can be reached at (510) 567-6762.

eva chu  
Hazardous Materials Specialist

cc: James Carmody, Weiss Assoc, 5500 Shellmound St, Emeryville  
94608-2411  
files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



✓ R01042

R02745

RAFAT A. SHAHID, Assistant Agency Director

August 1, 1994

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

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
1131 HARBOR BAY PARKWAY, 2ND FLOOR  
ALAMEDA, CA 94502-6577

STID 3014

Re: Investigations at 1601 Webster St., Alameda, California

Dear Mr. Kirk,

This office has reviewed Weiss Associates' (Weiss) Quarterly Ground Water Monitoring Report, dated July 12, 1994. In this report, Weiss proposes to switch the frequency of sampling for Wells MW-1 and S-1 from quarterly to annual monitoring. However, due to the fact that ground water samples collected from Well MW-1 have identified levels of cis-1,2-dichloroethene exceeding CAL-EPA's Maximum Contaminant Levels in the past, quarterly sampling for chlorinated hydrocarbons must continue for Well MW-1. Annual sampling for the other constituents of concern from Well MW-1 is acceptable, and annual sampling for all constituents of concern from Well S-1 is acceptable.

Weiss concluded that, based on the dissolved oxygen concentrations, natural biodegradation is occurring at the site. Please submit a more detailed discussion providing the basis of or reasoning for Weiss' conclusion. Please provide a list of references and publications used, and if possible, copies of the relevant references/information on dissolved oxygen as an indicator for biodegradation.

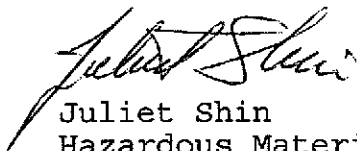
Based on the dissolved oxygen count, Weiss has proposed to conduct no further investigations at the site, aside from the required quarterly (or annual) ground water monitoring, based on their conclusion that contaminant concentrations are attenuating due to natural biodegradation. However, based on the elevated, erratic contaminant levels identified in Well MW-2 and Article 11 Title 23 California Code of Regulations, which requires the full delineation of a ground water contaminant plume, you are still required to delineate the extent of the contaminants observed in Well MW-2, with at least one additional permanent monitoring well. With the "zero-line" defined, continued monitoring of the delineating wells would determine the rate of plume migration, and may help to assure that the plume will not migrate any further and impact unaffected ground water in the future.

Mr. Dan Kirk  
Re: 1601 Webster St.  
August 1, 1994  
Page 2 of 2

You are required to submit a work plan, addressing the delineation of the contaminant plume to the southeast, **within 60 days of the date of this letter**. This work plan should address research into the potential for any utility lines along Webster Street or Lincoln Avenue to act as conduits for plume migration.

If you have any questions or comments, please contact me at (510) 567-6700 (new general phone number) or (510) 567-6763 (my new direct phone number).

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: James W. Carmody  
Weiss Associates  
5500 Shellmound St.  
Emeryville, CA 94608-2411

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R02745  
✓ R01042

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

April 13, 1994

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

STID 3014

Re: Investigations at 1601 Webster St., Alameda, California

Dear Mr. Kirk,

This office has received and reviewed Weiss Associate's (Weiss) Quarterly Monitoring Report, dated March 28, 1994. In this report, Weiss states that it will submit a work plan addressing the implementation of ground water oxygenation as a remedial option at the site. You are required to address investigations, within this work plan, concerning the potential migration of the ground water contaminant plume to the east, onto Webster Street. A permanent monitoring well may not be necessary, however, some investigations are needed to confirm the extent of the ground water contaminant plume to the east, since the ground water gradient has periodically migrated to the east and since the highest contaminant levels have been detected from the eastern most well on the site, MW-2.

In preparing the work plan, please consider the potential for utility lines acting as conduits along Webster Street.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin  
Hazardous Materials Specialist

cc: James W. Carmody  
Weiss Associates  
5500 Shellmound St.  
Emeryville, CA 94608-2411

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R02745

✓ R01042

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

October 7, 1993

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

STID 3014

Re: Required investigations at 1601 Webster St., Alameda,  
California

Dear Mr. Kirk,

This office has received your response to our July 27, 1993 request for further delineation of the ground water contaminant plume at the site. Although you have recommended that no additional work be conducted to delineate the extent of the ground water contaminant plume at the site, this office feels that further delineation is necessary and required.

Very elevated levels of TPHg and BTEX have consistently been identified in Well MW-2 at the above site. The ground water flow directions have fluctuated from flowing northwest to northeast in the past quarterly monitoring events. The extent of this ground water contaminant plume downgradient of MW-2 to the northeast and upgradient of MW-2 have not yet been delineated. **Per Section 2725, Article 11, Title 23 California Code of Regulations**, you are required to assess the extent of ground water contamination at the site.

Your consultants have speculated that the levels of contamination identified in MW-2 was the result of an off-site source. However, insufficient evidence has been established for this office to support this argument. The ground water contamination identified in Well MW-2 and the soil contamination identified in borings BH-F, BH-E, and BH-D could be attributable to the former pump island at the site.

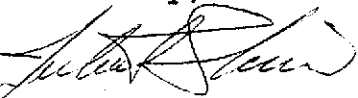
You are required to submit a work plan, **within 30 days** of the date of this letter, addressing the further delineation of the ground water contaminant plume at the site.



Mr. Dan Kirk  
Re: 1601 Webster St.  
October 7, 1993  
Page 2 of 2

If you have any questions or comments, please contact me at (510)  
271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Joyce Adams  
Weiss Associates  
5500 Shellmound St.  
Emeryville, CA 94608-2411

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R02745

VR01042

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

July 27, 1993

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

STID 3014

Re: 1601 Webster St., Alameda, California

Dear Mr. Kirk,

In June 1992, this office requested that you conduct further investigations at the above site, primarily to address the elevated levels of Total Petroleum Hydrocarbons as gasoline (TPHg) and benzene, toluene, ethylbenzene, and xylenes (BTEX) identified from Well MW-2. In response to this request, Shell drilled eight borings out at the site and collected soil and ground water samples from these eight locations.

Soil samples collected from the borings located in the vicinity of the former pump island identified levels of TPHg and BTEX. Of these borings, the highest levels of soil contamination were identified from Boring BH-E, the boring located downgradient from and nearest to the former pump island.

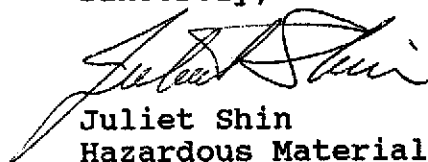
It appears that the elevated contaminant concentrations identified in Well MW-2 and the soil contamination identified in the borings near the former pump island could possibly be resulting from the former pump island. According to the files available to this office, there appears to be no other possible sources within three blocks and upgradient of the site. Additionally, the elevated levels of BTEX in Well MW-2, indicates that there is probably a local source. As you know, BTEX is known to be very volatile, and if levels of BTEX travelled a good distance, one would expect these concentrations to have significantly attenuated.

You are required to submit a work plan, addressing further investigations associated with this contamination **within 60 days** of the date of this letter. Quarterly ground water monitoring shall continue at the site.

Mr. Dan Kirk  
Re:1601 Webster St.  
July 27, 1993  
Page 2 of 2

If you have any questions or comments, please contact me at (510)  
271-4530.

Sincerely,



Juliet Shin  
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Scott MacLeod  
Weiss Associates  
5500 Shellmound Street  
Emeryville, CA 94608-2411

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



✓ R01042  
R02745

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

February 5, 1993

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

STID 3014

RE: 1601 Webster St., Alameda, California

Dear Mr. Kirk,

This office has received and reviewed your letter, dated February 2, 1993, proposing the installation of an additional monitoring well. The proposed location for this well is acceptable to this office. It is the understanding of this office that this well will be installed within the next 60 days. A work plan, documenting the details of the work performed, shall be submitted within 45 days after completing field activities.

This well shall be installed, developed, and sampled in the same manner as the existing wells have been. This includes the requirement for soil samples to be collected at 5-foot intervals and lithologic changes, with a minimum of one soil sample being analyzed.

Weiss Associates has proposed to conduct a literature search to identify any existing off-site monitoring wells nearby the site. If no existing wells are identified and accessible for sampling south of the former pump island, you will be required to address the further delineation, of the contamination identified in MW-2, BH-F, BH-E.

If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,

Juliet Shin  
Hazardous Materials Specialist

Mr. Dan Kirk  
Re: 1601 Webster St.  
Page 2 of 2  
February 5, 1993

cc: Richard Hiett, RWQCB

Scott MacLeod  
Weiss Associates  
5500 Shellmound Street  
Emeryville, CA 94608-2411

Edgar Howell-File(JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES  
AGENCY

DAVID J. KEARS, Agency Director



R02745

✓ R01042

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

August 19, 1992

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

STID 3014

RE: Response to work plan for the site located at 1601 Webster Street, Alameda, California

Dear Mr. Kirk,

This office received the work plan, dated August 17, 1992, regarding the proposal for drilling six to ten soil borings at the site to investigate the extent of soil and ground water contamination near the trench and to determine whether or not this area is the possible source of observed ground water contamination at the site. Locations for only three out of the six to ten proposed soil borings were given in the work plan. These three boring locations are acceptable for evaluating whether the re-paved area is a source of contamination. However, pursuant to Section 2724 and 2725 of Article 11, Title 23 California Code of Regulations, you are also required to determine the full vertical and lateral extent of all soil and ground water contamination resulting from the site. Therefore, it is advised that some of the additional three to seven proposed soil borings be placed in areas that may aid in determining the full extent of soil and/or ground water contamination. Areas that would appear to warrant further investigations, other than the trench area, would appear to be the area around MW-1, the area downgradient of the current pumps, product lines, and underground storage tanks, and the area near the former pump island.

The soil and ground water samples collected must be analyzed for cis-1,2-dichloroethene, methylene chloride, 1,1,1-trichloroethane, and 1,2-dichloroethane, in addition to Total Petroleum Hydrocarbons as gasoline, Total Oil and Grease, and benzene, toluene, ethylbenzene, and xylenes. The above VOCs were observed in ground water samples formerly collected from on-site monitoring wells.

This office has understood the proposed soil borings to be an intermediate step in the soil and water investigation phase of the required corrective action at the site. Please keep in mind that additional monitoring wells will be required for the delineation of the ground water contaminant plume.

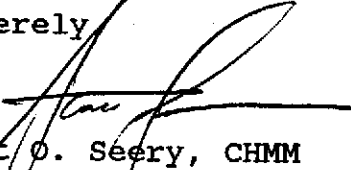
Mr. Dan Kirk  
Re: 1601 Webster St.  
August 19, 1992  
Page 2 of 2

Additionally, you were requested by this office in a previous letter, dated June 17, 1992, to address the remediation of the contaminant plume and to include a timetable giving the schedule of work events. These points were not addressed in the above work plan. You are required to submit a work plan addressing these points and proposals for additional investigative work to delineate the extent of soil and ground water contamination resulting from the site. This work plan will be due within 60 days after implementing the soil boring proposal and obtaining the sampling results. In this way, the soil boring investigation can aid in determining a strategy for subsequent investigative and remedial activities.

Field work should commence within 60 days of the receipt of this letter. Please be reminded that a report documenting the results from work performed is due to this office within 45 days of completion of field activities. Quarterly monitoring and reporting is to be continued for all three monitoring wells.

If you have any questions or comments, please contact Ms. Juliet Shin at (510) 271-4530.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Robert La Grone, Alameda Fire Dept.

Scott MacLeod  
Weiss Associates  
5500 Shellmound Street  
Emeryville, CA 94608-2411

Mark Thompson, Alameda County District Attorney's Office

Edgar Howell-File (JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R02745

✓ R01042

RAFAT A. SHAHID, Assistant Agency Director

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

June 17, 1992

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

STID 3014

RE: Investigations at the currently active Shell Service Station,  
located at 1601 Webster Street, Alameda, California

Dear Mr. Kirk,

In 1987, a 550-gallon waste oil tank was removed from the site. A soil sample collected from the native soil beneath the tank identified 113 parts per million (ppm) Total Oil and Grease (TOG). Additionally, a ground water sample collected from the tank pit exhibited 132 ppm Total Petroleum Hydrocarbons (TPH) and 244 ppm TOG.

Since the time of the tank pull, a total of three wells have been installed at the site and monitored quarterly for over two years. Although ground water samples collected from Well S-1, located immediately downgradient of the former tank pit, has never exhibited concentrations of contaminants above detection limits, ground water samples collected from Well MW-2, located upgradient of the former tank pit, has consistently identified elevated concentrations of TPH as gasoline and benzene as high as 8,100 ppb and 450 ppb on site. Additionally, Well MW-1, another upgradient well, has consistently exhibited concentrations of 1,2-dichloroethene as high as 7.9 ppb.

You are required to submit a work plan to this office within 45 days of the receipt of this letter addressing the delineation and remediation of the contaminant plume beneath the above site. Please include a timetable giving the schedule of work events. These proposals must adhere to the Regional Water Quality Control Board's (RWQCB) Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, the State Water Board's LUFT manual, and be consistent with the corrective action requirements set forth under Article 11, Section 2670 et seq., of Title 23, California Code of Regulations. Copies of all plans and proposals should be sent to this office for approval.

Please be aware that you must continue to prepare quarterly ground water monitoring reports and submit them to this office.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Any

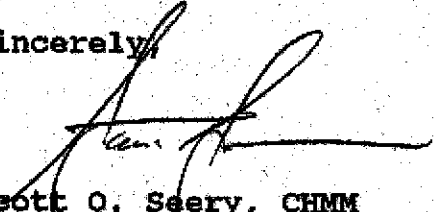


Dan Kirk  
RE: 1601 Webster St.  
June 17, 1992  
Page 2 of 2

extensions of the stated deadlines or modifications of the required tasks must be confirmed in writing by either this agency or RWQCB.

If you have any questions or comments, please contact Ms. Juliet Shin at (510) 271-4320.

Sincerely,



Scott O. Seery, CHMM  
Senior Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Richard Quarante, Alameda Fire Dept.

David Elias  
Weiss Associates  
5500 Shellmound Street  
Emeryville, CA 94608-2411

Ed Howell-File (JS)

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R02745  
✓R01042

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

June 19, 1990

Ms. Lisa Foster  
Shell Oil Company  
P.O. Box 4023  
Concord, CA 95424

RE: Underground Storage Tank Permitting  
Kin's Shell, 1601 Webster Street  
Alameda, CA 94501

Dear Ms. Foster:

This letter is in regards to the issuance of a five year permit to operate the four underground storage tanks at the above mentioned facility. Our office had requested information pertaining to the quarterly inventory monitoring report (October thru December, 1989) for the four underground tanks. We received the information we requested from Mr. Marty Chan, Manager at Kin's Shell.

As a reminder, please be aware that you are required to report on your quarterly monitoring report any daily inventory swings which exceed the allowable levels specified in Section 2641 (5) (b) of the California Code of Regulations, Title 23, Chapter 3, Subchapter 16, Underground Tank Regulations. An explanation in writing as to the cause of the variation should also be submitted to this office. All records must be maintained on site for the last three years.

Enclosed is a five year permit to operate the four underground tanks.

If you have any question, please contact Susan Hugo, Hazardous Materials Specialist at (415) 271-4320.

Sincerely,

Edgar B. Howell III, Chief  
Hazardous Materials Division

EBH:SH:sh

Enclosures (2)

cc: Ken Lottinger, Shell Area Manager  
Mr. Kin Chan, Dealer

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R02745  
✓ R01042

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

April 2, 1990

Lisa Foster  
Shell Oil Company  
P.O. Box 4023  
Concord, CA 95424

RE: Underground Tank Issuance of Five Year Permit

Dear Ms. Foster:

An underground tank inspection was conducted at Kin's Shell located at 1601 Webster Street, Alameda, CA 94501 on February 1, 1990 by Susan Hugo of our department.

The California Code of Regulations, Title 23, Chapter 3, Subchapter 16, Underground Tank Regulations, Section 2712(c) requires that you submit to this department, a copy of the quarterly inventory monitoring report ( October thru December, 1989). If the daily inventory swings exceed the allowable levels specified in Section 2641 (5) (b), please submit to this department an explanation in writing as to the cause of the variations.

The Five Year permit will be issued as soon as the department receives the above mentioned record.

Please be advised that all monitoring records must be maintained on site for a period of at least 3 years.

If you have any question, please contact Susan Hugo, Hazardous Materials Specialist at (415) 271-4320.

Sincerely,

Edgar B. Howell III, Chief  
Hazardous Materials Division

EBH:SH:sh

cc: Gil Jensen, Alameda County District Attorney, Consumer and  
Environmental Protection Agency  
Ken Lottinger, Area Manager, Shell Oil Co.  
Mr. Kin Chan, Dealer  
Susan Hugo, Hazardous Materials Specialist  
Katherine Chesick, Hazardous Materials Specialist  
Files

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



R01042

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

12

June 24, 1989

Mr. Joseph P. Theisen, Project Geologist  
Weiss Associates  
2938 McClure St.  
Oakland, CA 94609

Dear Mr. Theisen:

In response to your request for a file search of our records for the Shell Oil Tank Closures for the following locations, the following information is presented to you:

**ALAMEDA**

2160 Otis Dr.

(R02433)  
(R02893)

No records of tank removal available in our files with the exception of a letter from Petroleum Engineering Inc. to T. Gerow of Alameda County Health Care Services for installation plans to replace waste oil tanks.

1601 Webster

(R01042)  
(R02745)

Same information

**HAYWARD**

1097 W. Tennyson

No record of tank pull recommend you contact Hayward Fire Dept.

**LIVERMORE**

(R0769)  
(R02525) 318 S. Livermore

No record of tank pull

1155 Portola

(R01054)  
(R02566)

Inspection dated 9/27/88 requested tank closure plan for waste oil tank. No plan received to date

Mr. Joseph P. Theisen  
Weiss Associates  
Oakland, CA 94609  
June 24, 1989  
Pages 2 of 2

809 E. Stanley No record of tank pull

(R02524)

**SAN LEANDRO**

R0367) 1784 - 150th No record of tank pull

R0156) 1285 Bancroft No record of tank pull, recommend you contact the  
San Leandro Fire Dept.

**OAKLAND**

510 E. 14th St. No record of tank pull

(R0349) 7915 E. 14th St. No record of tank pull

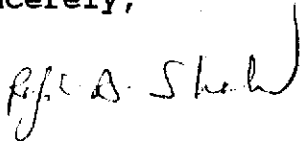
If the above tanks were pulled, we would request that you provide us with copies of any lab results from soil samples taken, manifest of the tanks or contaminated soil removed, etc.

This letter is limited to information available to this department and does not reflect other information, which may be accessible to other agencies or businesses involved with these properties.

Please find enclosed, a copy of the invoice sent to our Billing Unit, Alameda County Environmental Health Dept.

If you have any questions, please call Edgar Howell, Supervising Hazardous Materials Specialist, at (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief,  
Hazardous Materials Program

RAS:EH:mnc

cc: Edgar Howell, Alameda County Hazardous Materials Program  
Files