

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



RO# 533

ARNOLD PERKINS, DIRECTOR
RAFAT A. SHAHID, DEPUTY DIRECTOR

March 5, 1996

Mr. Rod Freitag
Alameda County General Services Agency
1401 Lakeside Drive, 11th Floor
Oakland, CA 94612

Alameda County CC4580
Environmental Health Services
1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
(510)567-6700 FAX(510)337-9335

STID 4463

Re: Investigations at 1325 Portland Ave., Albany, CA

Dear Mr. Freitag,

Thank you for faxing the information to our office on February 21, 1996, addressing the corrected lab analysis results from the past tank removal sampling event. The corrected lab data states that 320 parts per billion (ppb) TPHd, and not 320 parts per million (ppm) as originally stated in the March 24, 1994 Tank Removal Report, was identified from a "grab" groundwater sample collected from the former tank pit. Based on the low levels of TPHd identified in this groundwater sample and our conversation on February 16, 1996, this office is willing to consider closure for the site with the submittal of rationale assuring that the remaining contaminant concentrations in soil and groundwater will not pose a threat to the health of those people utilizing the child care facility at the site.

If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerley,

Juliet Shin

Senior Hazardous Materials Specialist

cc: Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#533

RAFAT A. SHAHID, Assistant Agency Director

Alameda County CC4580
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

January 10, 1996

Mr. Jim De Vos
General Services Agency
1401 Lakeside Drive, 11th Flr.
Oakland, CA 94612

STID 4463

Re: Work plan for investigations at the Memorial Park site, located at 1325 Portland Ave.,
Albany, California

Dear Mr. De Vos,

This office has reviewed Harlan Tait Associates' (HTA) Preliminary Site Assessment Work plan, dated April 14, 1994, and HTA's Addendum to the Work plan, dated January 9, 1996. The addendum in conjunction with the initial work plan is acceptable to this office with the requirement that the three proposed borings be surveyed and groundwater gradient determinations be made.

It is the understanding of this office that the work plan will be implemented at the site in February 1996. Please notify this office if there are any changes in the schedule.

If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,

Juliet Shin
Senior Hazardous Materials Specialist

cc: Bill Ekern
 City of Albany
1000 San Pablo Ave.
Albany, CA 94706

David H. Connell
Harlan Tait Associates
One Kearny Street, 7th Floor
San Francisco, CA 94108

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO# 533

RAFAT A. SHAHID, Assistant Agency Director

Alameda County CC4580
Environmental Protection Division
1131 Harbor Bay Parkway, Room 250
Alameda CA 94502-6577

January 10, 1996

Bill Ekern
City of Albany
1000 San Pablo Ave.
Albany, CA 94706

STID 4463

Re: Work plan for investigations at the Memorial Park site, located at 1325 Portland Ave.,
Albany, California

Dear Mr. Ekern,

This office has reviewed Harlan Tait Associates' (HTA) Preliminary Site Assessment Work plan, dated April 14, 1994, and HTA's Addendum to the Work plan, dated January 9, 1996. The addendum in conjunction with the initial work plan is acceptable to this office with the requirement that the three proposed borings be surveyed and groundwater gradient determinations be made.

It is the understanding of this office that the work plan will be implemented at the site in February 1996. Please notify this office if there are any changes in the schedule.

If you have any questions or comments, please feel free to contact me at (510) 567-6763.

Sincerely,

A handwritten signature in cursive script, appearing to read 'Juliet Shin'.

Juliet Shin

Senior Hazardous Materials Specialist

cc: Mr. Jim De Vos
General Services Agency
1401 Lakeside Drive, 11th Flr.
Oakland, CA 94612

David H. Connell
Harlan Tait Associates
One Kearny Street, 7th Floor
San Francisco, CA 94108

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0533

RAFAT A. SHAHID, DIRECTOR

November 22, 1995

Mr. Jim De Vos
General Services Agency
1401 Lakeside Drive, 11th Flr.
Oakland, CA 94612

DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

STID 4463

Re: Investigations at the Memorial Park site, located at 1325
Portland Ave., Albany, California

Dear Mr. De Vos,

Per the November 22, 1995 meeting between the Alameda County General Services Agency and the Alameda County Environmental Health Department, it was determined that Harlan Tait Associates' (HTA) work plan, dated April 14, 1994, proposing additional groundwater investigations was acceptable to this office with the following additional requirements:

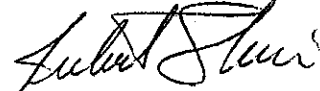
- o The three boring locations shall be surveyed to an on-site datum and water level measurements shall be collected from all three locations in order to determine the groundwater gradient at the site.
- o One of the borings shall be placed as close to the former tank pit as possible. It was determined that the most accessible area nearest to the former tank pit would be in the landscaped area to the northeast or southeast from the former tank pit. A map showing the revised boring location(s) should be submitted to this office.
- o One groundwater sample shall be collected from the boring located in the downgradient direction. If the downgradient direction is not to the northeast or southeast, an additional groundwater sample shall be collected from the boring placed in this direction, since it would be the boring closest to the former tank pit. These groundwater samples shall be analyzed for TPHd, BTEX, and PNAs.

An addendum to HTA's work plan, addressing the above concerns, should be submitted to our office for review, prior to implementing the work. A timetable for the scheduled work should be submitted with the addendum within 60 days of the date of this letter.


Mr. Jim De Vos
Re: 1325 Portland Ave.
November 22, 1995
Page 2 of 2

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

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc:  Rodman D. Freitag
General Services Agency
Engineering & Environmental
Management Department
1401 Lakeside Drive, 11th Flr.
Oakland, CA 94612

Mr. Bill Ekern
City of Albany
1000 San Pablo
Albany, CA 94706

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0533

RAFAT A. SHAHID, DIRECTOR

November 22, 1995

Mr. Bill Ekern
City of Albany
1000 San Pablo
Albany, CA 94706

DEPARTMENT OF ENVIRONMENTAL HEALTH

1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6777

STID 4463

Re: Investigations at the Memorial Park site, located at 1325
Portland Ave., Albany, California

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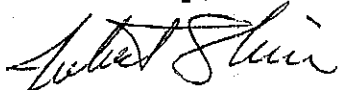
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Mr. Bill Ekern
Re: 1325 Portland Ave.
November 22, 1995
Page 2 of 2

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

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc:  Jim P. De Vos
General Services Agency
1401 Lakeside Drive, 11th Flr.
Oakland, CA 94612

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0533

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 1, 1995

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

Mr. Jim DeVoss
County of Alameda
General Services Agency
1401 Lakeside Dr., 11th Flr.
Oakland, CA 94612

STID 4463

Re: Investigations at Memorial Park, located at 1325 Portland
Ave., Albany, California

Dear Mr. DeVoss,

On June 23, 1993, a 1,500-gallon heating oil underground storage tank (UST) was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. These soil samples were analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) and benzene, toluene, ethylbenzene, and xylenes (BTEX). Concentrations of TPHd were identified in all the soil samples, with the highest concentration, 590 ppm, being identified along the southeast sidewall.

Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one groundwater sample was collected. Although analysis of these soil samples did not identify contaminant concentrations above detection limits, analysis of the groundwater sample did identify 320 ppb TPHd.

It is the understanding of this office that the County of Alameda was the last operator of this former heating oil UST. Per Article 11, Title 23 California Code of Regulations, "any person who owned or operated the underground storage tank immediately before the discontinuation of its use" is considered a "Responsible Party" for corrective action at the site. Therefore, your office has been designated as a Responsible Party, as well as the City of Albany who is the current property owner, for investigations and remediation at the site.

On July 23, 1993 and December 9, 1993, this office wrote a letter to the City of Albany requiring additional soil and groundwater characterization at the site, per the requirements of Article 11, Title 23 California Code of Regulations (please refer to attached copies). In April 1994, Harlan Tait Associates (HTA), on behalf of the City of Albany, submitted a work plan addressing additional investigations. On May 5, 1994, this office approved

Mr. Jim DeVoss
Re: 1325 Portland Ave.
September 1, 1995
Page 2 of 2

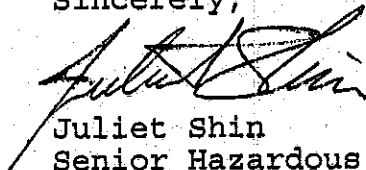
HTA's work plan on the condition that a work plan addendum be submitted addressing some additional required work (refer to attached copy). To date, this office has not yet received the required addendum.

An addendum to HTA's work plan, or another work plan addressing the required work, shall be submitted to this office within 60 days of the date of this letter (i.e., by October 27, 1995). This is a formal request for a technical report pursuant to Section 2722, Article 11, Title 23 California Code of Regulations.

Lastly, it appears that this office never received the UST Release/Leak Report form. This is a standard form that is required to be completed and submitted when a release has been observed from an UST. Please complete the attached form and submit it to this office **within 30 days** of the date of this letter. A copy of this form was also sent to the City of Albany, however, only one form needs to be submitted to this office.

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

Sincerely,


Juliet Shin
Senior Hazardous Materials Specialist

cc: Mr. Jason Baker
City of Albany
1000 San Pablo Ave.
Albany, CA 94706

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0533

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

September 1, 1995

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

Mr. Jason Baker
City of Albany
1000 San Pablo Ave.
Albany, CA 94706

STID 4463

Re: Investigations at Memorial Park, located at 1325 Portland Ave., Albany, California

Dear Mr. Baker,

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Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one groundwater sample was collected. Although analysis of these soil samples did not identify contaminant concentrations above detection limits, analysis of the groundwater sample did identify 320 ppb TPHd.

It is the understanding of this office that the City of Albany is the current property owner of this site. Per Article 11, Title 23 California Code of Regulations, "any owner of property where an unauthorized release of a hazardous substance from an underground storage tank has occurred" is considered a "Responsible Party" for corrective action at the site. Therefore, the City of Albany has been designated as a Responsible Party, as well as the County of Alameda who is the last operator of the former heating oil tank, for investigations and remediation at the site.

On July 23, 1993 and December 9, 1993, this office wrote a letter to the City of Albany requiring additional soil and groundwater characterization at the site, per the requirements of Article 11, Title 23 California Code of Regulations (please refer to attached copies). In April 1994, Harlan Tait Associates (HTA), on behalf of the City of Albany, submitted a work plan addressing additional investigations. On May 5, 1994, this office approved

Mr. Jason Baker
Re: 1325 Portland Ave.
September 1, 1995
Page 2 of 2

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An addendum to HTA's work plan, or another work plan addressing the required work, shall be submitted to this office within 60 days of the date of this letter (i.e., by October 27, 1995). This is a formal request for a technical report pursuant to Section 2722, Article 11, Title 23 California Code of Regulations.

Lastly, it appears that this office never received the UST Release/Leak Report form. This is a standard form that is required to be completed and submitted when a release has been observed from an UST. Please complete the attached form and submit it to this office **within 30 days** of the date of this letter. A copy of this form was also sent to the County of Alameda, however, only one form needs to be submitted to this office.

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

Sincerely,



Juliet Shin
Senior Hazardous Materials Specialist

cc: Mr. Jim DeVoss
County of Alameda
General Services Agency
1401 Lakeside Dr., 11th Flr.
Oakland, CA 94612

Acting Chief-File

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0533

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

May 5, 1994

Mr. Jason Baker
city of Albany
1000 San Pablo Ave.
Albany, CA 94706

STID 4463

Re: Work plan for investigations at 1325 Portland Ave., Albany,
California

Dear Mr. Baker,

This office has received and reviewed Harlan Tait Associates' (HTA) work plan, dated April 14, 1994. Although the work plan proposes to drill three borings, in lieu of installing permanent monitoring wells, the Regional Water Quality Control Board (RWQCB) **requires** that permanent monitoring wells be installed to adequately characterize potential ground water contamination at the site. "Grab" ground water samples can only be used as a screening tool to assist in determining the locations of the required permanent monitoring wells.

RWQCB requires that one monitoring well be installed within 10 feet of the tank pit, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. Having reviewed our database, it appears that there are no other monitoring wells within 1,000 feet of your site. **Therefore, in the case of your site, it appears that you are required to install at least three permanent monitoring wells on site.**

During the installation of these wells, soil samples are to be collected at five-foot intervals, significant changes in lithology, and at the soil/ground water interface. If there is any staining, odor, or readings on the photoionization meter from any of the collected soil samples, that sample must be submitted to a certified laboratory for analysis.

Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, to an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you

Mr. Jason Baker
Re: 1325 Portland Ave.
May 5, 1994
Page 2 of 3

will be required to continue monthly water level measurements until the ground water gradient behavior is known.

Quarterly monitoring and reporting is required until this site qualifies for closure. The referenced quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations of the Initial Evaluation and Investigation of Underground Tanks.
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

A revised work plan, addressing the above requirements, is due to this office **within 30 days** of the date of this letter. Field work shall commence within 60 days after the County's approval of the revised work plan. A report documenting the work shall be submitted to this office within 45 days after completing field activities.

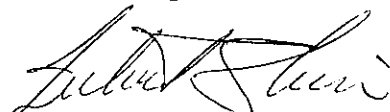
Additionally, HTA's work plan makes references to "**the Rogers/Pacific borings**". This office has no information on the placement or sampling of these borings. **Please submit information on these borings to this office within 15 days of the date of this letter.**

Mr. Jason Baker
Re: 1325 Portland Ave.
May 5, 1994
Page 3 of 3

Lastly, it appears that this office never received the **Underground Storage Tank Unauthorized Release/Leak Report Form** from you. Please complete the attached form and submit it to this office **within 15 days** of the date of this letter.

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

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County Distric Attorney's Office

David H. Connell
Harlan Tait Associates
601 Taylor St.
Fairfield, CA 94533

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0533

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. Jason Baker
City of Albany
1000 San Pablo Ave.
Albany, CA 94706

STID 4463

Re: Required investigations at 1325 Portland Ave., Albany, CA

SECOND NOTICE OF VIOLATION

Dear Mr. Baker,

On July 23, 1993, this office sent you a letter requiring you to submit a work plan addressing investigations relating to the ground water contamination observed at the above site. This work plan was due by September 23, 1993. On December 9, 1993, this office sent you a Notice of Violation, requiring you to submit this work plan. To this date, this office has not received a work plan, nor any correspondence relating to the submittal of this work plan.

Investigations are required at the site in response to the observed release of diesel and ethylbenzene, toluene, and xylenes. On June 23, 1993, a 1,500-gallon heating oil underground storage tank (UST) was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. Concentrations of Total Petroleum Hydrocarbons as diesel (TPHd) were identified in all the soil samples, the highest concentration being 590 ppm along the southeast sidewall.

Subsequently, the tank pit was overexcavated on June 28, 1993, and confirmatory soil samples were collected from the northeast and southeast walls of the pit, and one ground water sample was collected. According to the laboratory analysis results, it appears that the bulk of soil contamination has been removed from the tank pit. However, the analysis results of the ground water sample identified 320 ppb diesel.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) requires that investigations be conducted when there is evidence to indicate that a release from an UST may have impacted soil and ground water.

Mr. Jason Baker
Re: 1325 Portland Ave.
April 13, 1994
Page 2 of 4

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which has resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

- o At least one ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology.
- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you will be required to continue monthly water level measurements until the ground water gradient behavior is known. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations of the Initial Evaluation and Investigation of Underground Tanks.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if

Mr. Jason Baker
Re: 1325 Portland Ave.
April 13, 1994
Page 3 of 4

it is determined, following the completion of the initial assessment, that there has been a substantial impact to ground water.

The PSA work plan is due **within 60 days** of the receipt of this letter. Once the proposal is approved, field work should commence **within 60 days**. A report must be submitted **within 45 days** after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
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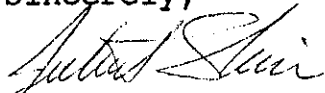
Failure to furnish technical reports regarding documented or potential ground water contamination violates **Section 13267 (b) of the California Water Code**. The Regional Water Quality Control Board (RWQCB) can impose civil penalties of up to **\$1,000 per day** that such a violation continues.

This is a formal request for a technical report pursuant to **Section 2722, Article 11, Title 23 California Code of Regulations**. Any extensions of the deadline must be approved in writing by either this agency or RWQCB.

Mr. Jason Baker
Re: 1325 Portland Ave.
April 13, 1994
Page 4 of 4

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

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney's Office

Rhonda Reames-Kiper
SEMCO
1741 Leslie Street
San Mateo, CA 94402

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0533

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 23, 1993

Mr. Jason Baker
City of Albany
1000 San Pablo Ave.
Albany, CA 94706

STID 4463

Re: Required investigations at 1325 Portland Ave., Albany,
California

Dear Mr. Baker,

On June 23, 1993, a 1,500-gallon heating oil underground storage tank was removed from the above site. Holes were noted in the tank and stained soils were noted in the tank pit. Soil samples were collected from the bottom and sidewalls of the tank pit. Concentrations of Total Petroleum Hydrocarbons as diesel (TPHd) were identified in all the soil samples, the highest concentration being 590 ppm along the southeast sidewall.

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Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that investigations be conducted when there is evidence to indicate that a release from an UST may have impacted the ground water.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of ground water contamination which has resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of action to remediate the site, if deemed necessary. The PSA must be conducted in accordance with the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks, and be consistent with requirements set forth in Article 11 of Title 23, California Code of Regulations. The major elements of such an investigation are summarized in the attached **Appendix A**. The major elements of the guidelines include, but are not limited to, the following:

Mr. Jason Baker
Re: 1325 Portland Ave.
July 23, 1993
Page 2 of 3

- o At least one ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology.

- o Subsequent to the installation of the monitoring wells, these wells must be surveyed to an established benchmark, with an accuracy of 0.01 foot. Ground water samples are to be collected and analyzed quarterly, and water level measurements are to be collected monthly for the first three months, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly than you will be required to continue monthly water level measurements until the ground water gradient behavior is known. Both soil and ground water samples must be analyzed for the appropriate fuel contaminants listed in Table 2 of the RWQCB's Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

This Department will oversee the assessment and remediation of your site. Our oversight will include the review of and comment on work proposals and technical guidance on appropriate investigative approaches and monitoring schedules. The issuance of well drilling permits, however, will be through the Alameda County Flood Control and Water Conservation District, Zone 7, in Pleasanton. The RWQCB may choose to take over as lead agency if it is determined, following the completion of the initial assessment, that there has been a substantial impact to ground water.

The PSA proposal is due **within 60 days** of the receipt of this letter. Once the proposal is approved, field work should commence within 60 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

Mr. Jason Baker
Re: 1325 Portland Ave.
July 23, 1993
Page 3 of 3

The referenced initial and quarterly reports must describe the status of the investigation and must include, among others, the following elements:

- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product, plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.

Please be advised that this is a formal request for a work plan pursuant to **Section 2722 (c)(d) of Title 23 California Code of Regulations**. Any extensions of the stated deadlines, or modifications of the required tasks, must be confirmed in writing by either this agency or RWQCB.

Please be reminded to copy Richard Hiett, at the San Francisco Bay Region-Water Quality Control Board, on all correspondence and reports regarding this site.

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

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R0533

RAFAT A. SHAHID, Assistant Agency Director

June 29, 1993
STID # 4463

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

Jason T. Baker
Engineering Assistant
City of Albany, Public Works Dept.
1000 San Pablo Avenue
Albany, California 94706

RE: Underground Tank Removal at Albany Memorial Park located at,
1325 Portland Street, Albany

Dear Mr. Baker:

Enclosed is the billing statement for approval of your closure plan and onsite inspection at the Tank removal noted above. We understand that removal of the tank was not planned until after work began laying a foundation for a new building, over the tank site. Our office was initially contacted on June 22, 1993, regarding the tank. Subsequently, our office received the closure packet on June 23, 1993 and processed it immediately, as requested by Dennis Rivers Fire Marshall with the City of Albany Fire Dept.. I witnessed the tank pull and soil sampling on June 24, 1993.

You should be aware, the amount billed on the following page is intended to help our office recover costs. These charges are authorized under County Ord. Code 3-180.3, for overseeing projects of this nature. Your total bill is based upon an hourly rate of \$75.00 which is multiplied by the time applied to your site. A total of four hours were spent reviewing your closure plan and making an inspection of the tank pull. Please remit the total of \$300.00, to this office within 30 days from receiving this request.

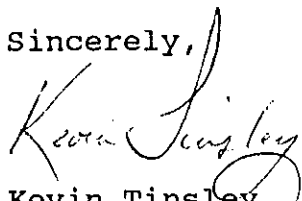
Please be informed that this bill is being mailed because we accepted the closure plan without the required deposit. These deposits are normally held on account and expended as work is performed. Any remaining portion of the deposit is returned after

City of Albany
Public Works
June 29, 1993
Page 2 of 2

closure is completed or the case is transferred to our Local Oversight Program. I have been informed your case has already been accepted by the L.O.P. staff.

If you have any questions, do not hesitate to call me at (510) 271-4320.

Sincerely,



Kevin Tinsley
Hazardous Materials Specialist

c, Edgar Howell, Chief Alameda County Hazardous Materials
Division-(files, kt)
Dennis Rivers, Fire Marshall City of Albany Fire Dept.
Ariu Levi, Supervising Hazardous Materials Specialist
Pam Evans, Senior Hazardous Materials Specialist