

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0154

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

November 15, 1993

Mr. David Slaven
Northern Automotive
P.O. Box 6030
Phoenix, AZ 85005

STID 3758

Re: Work plan for the Kragen Auto site located at 4200 MacArthur Blvd., Oakland, California

Dear Mr. Slaven,

This office has received and reviewed Harza Kaldveer's work plan, dated November 1993, for the installation and monitoring of three monitoring wells at the above site. This work plan is acceptable to this office with the following reminders/changes:

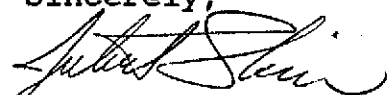
- o Groundwater samples collected from all three monitoring wells are required to be analyzed for purgeable halogenated volatile organics (i.e., Method 8010) due to the fact that in 1988, Dichloroethene was identified in one of the soil samples collected from beneath one of the former fuel tanks, and the soil sample collected from beneath the waste oil tank was not analyzed for Method 8010 constituents.
- o The one water sample that will be analyzed for the waste oil constituents needs to be collected from the monitoring well located downgradient of the former waste oil tank.
- o If any waste oil constituents are identified in this first round of ground water sampling, you are required to continue analysis for these constituents during the future quarterly ground water sampling events.
- o Lastly, please be reminded that the monitoring wells need to be surveyed to an established benchmark (i.e., to Mean Sea Level) to an accuracy of 0.01 foot.

Field work shall begin within 60 days of the date of this letter. A report documenting the work shall be submitted within 45 days after completing field activities.

Mr. David Slaven
Re: 4200 MacArthur Blvd.
November 15, 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: Randy Rowley
Harza Kaldveer
425 Roland Way
Oakland, CA 94621

Edgar Howell-File(JS)

AVILA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



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RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
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80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

September 28, 1993

Mr. David Slaven
Northern Automotive
P.O. Box 6030
Phoenix, AZ 85005

STID 3758

Re: The Kragen Auto site located at 4200 MacArthur Blvd.,
Oakland, California

Dear Mr. Slaven,

Per our conversation on September 24, 1993, you are required to install three monitoring wells at the above site in response to the ground water contamination identified at the site in 1988.

The required **Preliminary Site Assessment (PSA)** shall determine the lateral and vertical extent and severity of soil and ground water contamination resulting 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 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. Two additional wells are required to determine the ground water gradient flow direction at the site. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology. A minimum of one soil sample from each well location shall be analyzed at a certified laboratory.
- 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 and water level measurements are to be collected and analyzed quarterly. 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.

Mr. David Slaven
Re: 4200 MacArthur Blvd.
September 28, 1993
Page 2 of 3

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 revised work plan is due to this office **within 45 days** of the date 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:

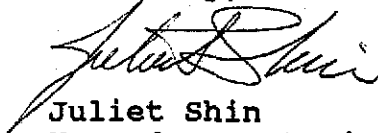
- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and 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.
- 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.

Mr. David Slaven
Re: 4200 MacArthur Blvd.
September 28, 1993
Page 3 of 3

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

Sincerely,



Juliet Shin
Hazardous Materials Specialist

cc: Randy P. Rowley
Harza Kaldveer
425 Roland Way
Oakland, CA 94621

Edgar Howell-File(JS)

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



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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 15, 1993

Dave Slaven
Kragen Auto Supply
P.O. Box 6030
Phoenix, AZ 85005

STID 3758

Re: Work plan for monitoring well installation at Kragen Auto
Parts, located at 4200 MacArthur Blvd., Oakland, California

Dear Mr. Slaven,

This office has received and reviewed Harza Kaldveer's work plan, dated June 8, 1993, for the above site. This work plan only proposes the installation of one monitoring well without any substantial evidence to support Harza Kaldveer's presumed ground water gradient, in the direction of the proposed well.

Per a conversation between your consultant, Randy Rowley, and myself on May 24, 1993, I explained that three monitoring wells were required at the site, unless either neighboring wells were available for use in gradient determination or substantial local geologic information could be obtained to indicate the gradient direction at the site. Neighboring wells can only be used for gradient determinations if they are within 100 feet of the site, or if it can be shown through tests for pH, conductivity, etc., that the neighboring wells and the on-site well are hydraulically connected.

Please submit an addendum to the work plan, **within 30 days** of the date of this letter, addressing this issue. If you have any questions or comments, please contact me at (510) 271-4530.

Sincerely,


Juliet Shin
Hazardous Materials Specialist

cc: Richard Hiett, RWQCB

Randy Rowley
Harza Kaldveer
425 Roland Way
Oakland, CA 94621

Edgar Howell-File(JS)

ALAMEDA COUNTY
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DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
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80 Swan Way, Rm 200
Oakland, CA 94621
(510) 271-4530

October 30, 1992

Kragen Auto Supply
P.O. Box 6030
Phoenix, Az 85005

STID 3758

RE: Required investigations at the site located 4200 MacArthur
Blvd., Oakland, California

To Whom It May Concern,

In a letter dated August 28, 1992, this office required you to submit a work plan for further investigations at the site by October 1, 1992. To this date, this office has not received any work plan or request for an extension of the due date.

In 1988, four underground storage tanks (USTs), one 500-gallon waste oil tank, one 5,000-gallon gasoline/diesel tank, and two 8,000-gallon gasoline tanks, were removed from the above site. Soil samples were collected from beneath these tanks in native soil. Although analysis of these soil samples did not identify any contamination, a ground water sample collected from a tank pit identified 220 parts per billion (ppb) volatile hydrocarbons, and a composite sample of the backfill identified 230 parts per million (ppm) Extractable Hydrocarbons.

Guidelines established by the California Regional Water Quality Control Board (RWQCB) require that a soil and ground water investigation be conducted whenever an unauthorized release of product is suspected from an UST. The shallow ground water and the contamination identified in the backfill and ground water would indicate that such an event has occurred. Additionally, the soil sample collected from beneath the waste oil tank was not analyzed for chlorinated hydrocarbons, metals, or PCB, PCP, PNA, or creosote as required by RWQCB in Table 2 of their Staff Recommendations for the Initial Evaluation and Investigation of Underground Tanks.

You are required to conduct a **Preliminary Site Assessment (PSA)** to determine the lateral and vertical extent and severity of latent soil and ground water contamination which may have resulted from the release at the site. The information gathered by the PSA will be used to determine an appropriate course of

RE: 4200 MacArthur Blvd.
October 30, 1992
Page 2 of 3

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. 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 tank pit, oriented in the confirmed downgradient direction relative to ground water flow. In the absence of identifying the confirmed downgradient direction, a minimum of three monitoring 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 until ground water is reached.
- 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. Additionally, ground water elevations are to be measured monthly for three consecutive months and then quarterly thereafter. Ground water samples are to be collected and analyzed quarterly. 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.

The PSA proposal is due within 45 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.

RE: 4200 Mac Arthur Blvd.
October 30, 1992
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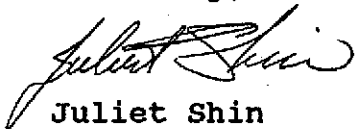
- o Status of ground water contamination characterization
- o Interpretation of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation

All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer. Please include a statement of qualifications for each lead professional involved with this project.

Please be advised that this is a formal request for technical reports pursuant to California Water Code Section 13267 (b). Any 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 me at (510) 271-4530.

Sincerely,



Juliet Shin
Hazardous Materials Specialist

Attachment

cc: Richard Hiatt, RWQCB

Gil Jensen, Alameda County District Attorney's Office

Edgar Howell-File(JS)

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0154

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 28, 1992
STID 3758

Kragen Auto Supply
P.O. Box 6030
Phoenix, AZ 85005

Re: 4200 MacArthur Blvd., Oakland, CA 9461908

Dear Sir:

This office has reviewed reports of the underground storage tank removals performed at the above referenced site on April 12, 1988 and subsequent soil analysis. The last report was by Kaldveer Associates dated August 26, 1988. The following comments are to be considered:

1. Water sampled at the time, which was thought at the time to have been from a spring, was analyzed and contained 220 ppb of volatile hydrocarbons.
2. This office has no record of the disposal of contaminated soils which were removed from the tank pit and reported in the report of August 26, 1988. Please submit manifests of disposal for the contaminated and uncontaminated soils which were disposed off site.
3. It is clear that the elevated volatile hydrocarbon concentrations in groundwater on the above site require a soil and groundwater investigation.

I have enclosed the document, Workplan for Initial Subsurface Investigation, a guidance document published by the Regional Water Quality Control Board (RWQCB). Please be advised this office is working in conjunction with the RWQCB to oversee the remediation of hydrocarbon contaminated sites such as these. The RWQCB is the agency entrusted to protect the waters of the state.

Please submit a workplan as described in the above document to this office within thirty (30) days of this letter.

You should consider this a formal request for technical reports pursuant to the California Water Code Section 13267 (b). All workplans, analytical results or reports should be sent to our office and to that of the RWQCB to the attention of Mr. Rich Hiatt. Their address is 2101 Webster St., Fourth Floor, Oakland CA 94612. Be aware that failure to submit the requested

4200 MacArthur Blvd., Oakland, 94619
STID 3758
August 28, 1992
Page 2 of 2

documents may subject you civil liabilities.

If you have any questions please call this office at (510) 271-4530.

Sincerely,



Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: R. Hiett, RWQCB
Ronald Nicola, 2020 Blackwood Dr., Walnut Creek, CA 94596
enclosures

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R0154

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

January 7, 1992
STID 3758

Kragen Auto Supply
ATTN: Dave Slaven
P.O. Box 6030
Phoenix, AZ 85005


Re: 4200 MacArthur Blvd., Oakland, CA 9461908

Dear Dave Slaven:

This office has reviewed reports of wells in the are of the above referenced site and looked at groundwater gradient. There are 2 wells in a former Chevron site 1 block away and a proposal for 3 additional wells at a Shell site only 1/2 block from your site. The gradient for Shell was established from previously installed wells. This information should allow you to install 1 well, as proposed on the attached map, in a verifiable down gradient direction from your former tank installation.

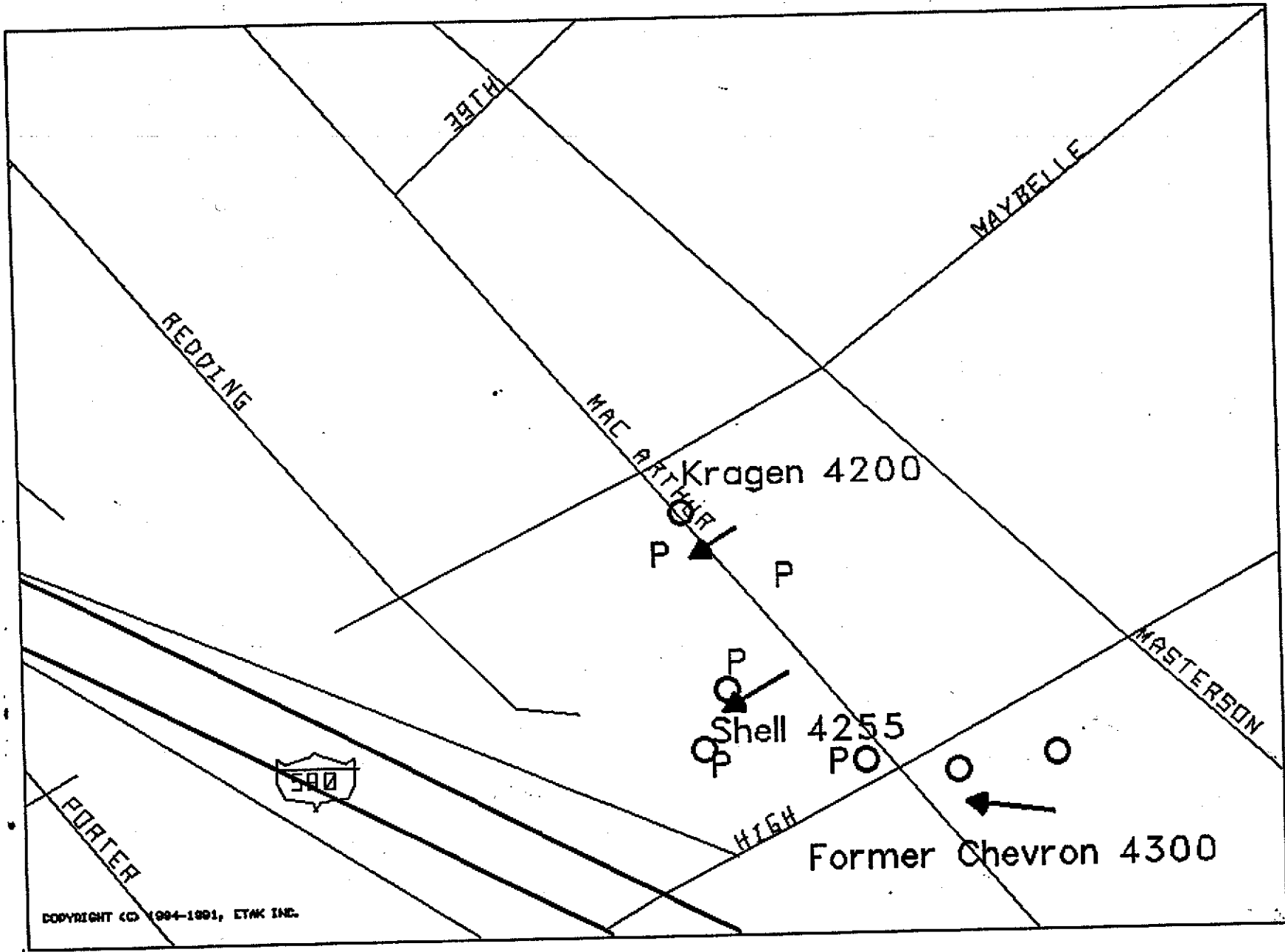
If you have any questions please call this office at (510) 271-4530.

Sincerely,


Thomas F. Peacock, Supervising HMS
Hazardous Material Division

cc: R. Hiatt, RWQCB
Ronald Nicola, 2020 Blackwood Dr., Walnut Creek, CA 94596
Edgar B. Howell, Chief - Files
enclosure

R0154



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

April 14, 1988

Randy Rowley
Kaldveer Associates
425 Rowland Way
Oakland, CA 94621**SUBJECT: UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/
CONTAMINATION SITE REPORT**

Dear Mr. Rowley:

On April 13, 1988, our office received a contaminated soils report at the Kragen Auto Supply property at 4200 MacArthur, Oakland, California 94619.

The California Administrative Code, Title 23, requires all unauthorized releases to be reported. Section 2652(b) requires within five (5) working days of detecting the release, the operator or permittee shall submit to the local agency (Alameda County Hazardous Materials Division) a full written report to include all of the following information which is known at the time of filing the report:

1. List of type and quantity of hazardous substances released.
2. The results of all investigations completed at that time to determine the extent of soil or groundwater or surface water contamination due to the release.
3. Method of clean-up implemented to date, proposed clean-up actions, and approximate cost of actions taken to date.
4. Method and location of disposal of the released hazardous substance and any contaminated soils or groundwater or surface water (indicate whether a hazardous waste manifest(s) is utilized).

Randy Rowley
UGT Unauthorized Release (Leak)/
Contamination Site Report
April 14, 1988
Page 2 of 2

5. Proposed method of repair or replacement of the primary and secondary containers.
6. Facility operator's name and telephone number.

Until clean-up is complete, the operator or permittee shall submit reports to the County and the Regional Water Quality Control Board (RWQCB) every three (3) months or at a more frequent interval if specified by either agency. The reports shall include the information requested in 2, 3 and 4 of the above. The report requested above shall be prepared in accordance with the San Francisco Regional Water Quality Control Board's "Guidelines for Addressing Fuel Leaks," September 1985. The initial investigation report shall be submitted within 30 days and shall include a site safety plan.

Soils contaminated at hazardous waste concentrations shall be transported by a licensed hazardous hauler and disposed of or treated at a California Department of Health Services approved facility. Soils contaminated below hazardous waste concentrations may be managed as non-hazardous but are subject to waste discharge requirements of the Regional Board.

Enclosed is an "Underground Storage Tank Unauthorized Release (Leak)/Contamination Site Report" forms which should be completed and returned within five (5) working days. Should you have any questions regarding this letter, please contact Lowell Miller, Senior Hazardous Materials Specialist at 271-4320.

Sincerely,

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

RAS:LM:mam

cc: RWQCB
City of Oakland Fire Dept.

Enclosure