### RAFAT A. SHAHID, Assistant Agency Director

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

DEPARTMENT OF ENVIRONMENTAL HEALTH 1131 HARBOR BAY PARKWAY, 2ND FLOOR

ALAMEDA, CA 94502-6577



July 20, 1994

Mr. Andrew P. Macko K/D Cedar Supply Co., Inc. 22008 Meekland Avenue Hayward, CA 94541-3895

STID 3606

Dear Mr. Macko,

e: Required investigations at 22008 Meekland Ave., Hayward, California

FINAL NOTICE OF VIOLATION

LINNI MOTICE OF ATOMATION

On April 28, 1994, this office sent you a Notice Of Violation letter requiring you to submit a ground water monitoring report and a work plan addressing the soil contamination at the above site, by June 9, 1994. To this date, this office has not received these reports or any communication as to the status of these reports.

In November 1989, soil samples collected from the tank pit excavation identified up to 1,300 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg). Although ground water samples collected to date from the on-site monitoring wells have not identified contaminants, at least one additional ground water sampling event is required to assure this office that the remaining contaminated soil will not impact ground water in the future.

The last ground water sampling event was conducted out at the site on April 29, 1992. You are required to conduct the next ground water sampling event and submit a sampling report to this office within 45 days of the date of this letter. If no contaminants are identified in this next phase of ground water sampling, this site will be considered for case closure.

The ground water monitoring report 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, water level data, chain-of-

Mr. Andrew P. Macko

Re: 22008 Meekland Ave.

July 20, 1994 Page 2 of 2

> custody forms, lab results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc.

- o Status of ground water contaminant 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.

Failure to furnish this technical report can result in fines of up to \$1,000 per day, pursuant to Section 13268 (b) of the California Water Code.

If you have any questions or comments, please contact me at (510) 337-2874 or (510) 337-2864.

Sincerely,

Juliet Shin

Hazardous Materials Specialist

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

# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

DAVID J. KEARS, Agency Director

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

April 28, 1994

Mr. Andrew P. Macko K/D Cedar Supply Co., Inc. 22008 Meekland Avenue Hayward, CA 94541-3895 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

R0518

STID 3606

Re: Required investigations at 22008 Meekland Avenue, Hayward, California

### NOTICE OF VIOLATION

Dear Mr. Macko,

This office wrote you a letter on December 1, 1992 permitting you to change your monitoring frequency from quarterly to annual, due to your financial situation. It has been over one year since this office sent out the letter, and we have not received any additional monitoring reports. Ground water monitoring is required to continue at the site due to the fact that up to 1,300 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline was left in place at the site. You are required to submit a monitoring report within 45 days of the date of this letter. In addition to the monitoring requirements, please be aware that you are still required to fully characterize the soil contamination left in place, per Article 11, Title 23 California Code of Regulations. A work plan addressing the soil contamination is required to be submitted within 45 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 District Attorney's Office

Ramon Khu Blymyer Engineers, Inc. 1829 Clement Ave.

Alameda, CA 94501-1395

# ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

DAVID J. KEARS, Agency Director

R0518

RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

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

December 1, 1992

Mr. Andrew P. Macko K/D Cedar Supply Co., Inc. 22008 Meekland Avenue Hayward, CA 94541-3895

STID 3606

RE: Investigations at 22008 Meekland Avenue, Hayward, California

Dear Mr. Macko,

This office has received and discussed your letter to the County, dated November 10, 1992, and Blymer Engineer's water level measurement data, dated November 12, 1992.

From the recent monthly water level data submitted to this office, it appears that ground water at the site sometimes flows towards the existing monitoring wells. This information indicates that the Non Detect results of the ground water samples collected from the monitoring wells can be considered valid. This new information along with the consistent Non Detect levels and your financial situation has given the County reasons to allow you to switch to annual ground water monitoring. This annual monitoring must take place during seasonally high ground water levels.

Although it appears that ground water has not yet been impacted by former releases at the site, annual ground water monitoring will be required to assure this Department that the soil contamination observed during the tank removal in 1989, up to 1,300 parts per million Total Petroleum Hydrocarbons as gasoline, does not leach out into the ground water. The soil contamination problem is now the sole concern that prevents this office from recommending closure for the site.

It is the hope of this office that some of the money saved by switching to annual monitoring may be used to address further investigations into the soil contamination at the site. The soil investigations should address the extent and severity of the soil contamination at the site. If it can be shown that the soil contamination is not too extensive or severe, then it is possible, considering that the vadose zone down to ground water is clay and that the depth to ground water is moderately deep at 35 feet below ground surface, that this site could be recommended for closure. However, if it is shown that there is extensive

Mr. Andrew P. Macko RE: 22008 Meekland Ave. December 1, 1992 Page 2 of 2

and/or elevated levels of soil contamination still in place at the site, then this office will work out a schedule with you to address the remediation of this problem.

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

Sincerely,

Juliet Shin

Hazardous Materials Specialist

cc: Eddy So, RWQCB

Hugh Murphy, Hayward Fire Dept.

Ramon Khu Blymer Engineers, Inc. 1829 Clement Ave. Alameda, CA 94501-1395

## ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY

DAVÍD J. KEARS, Agency Director



R0518

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 4, 1992

Mr. Andy Macko Tumac Lumber Company 22008 Meekland Avenue Hayward, CA 94541

STID 3606

RE: Investigations at 22008 Meekland Avenue, Hayward, California

Dear Mr. Macko,

This office has received and reviewed the Quarterly Monitoring Report, dated June 10, 1992, for the above site. Although analysis of ground water samples collected from the three monitoring wells on site have never identified concentrations of Total Petroleum Hydrocarbons as gasoline or benzene, toluene, xylenes, or ethyl benzene over detection limits, the majority of the ground water gradient determinations indicate that none of these wells are downgradient of the former underground storage tanks. Therefore, this office is concerned that, if there was a release of contaminants to ground water, the ground water contaminants would have migrated away from the monitoring wells and the ground water samples collected from these wells would not identify this contamination.

One set of ground water gradient information, collected in October 1991, indicated that the ground water may sometimes flow towards the monitoring wells (i.e., westward). However, this set of data is an anomaly, since all the other gradient determinations indicate that the ground water is flowing to the Due to the inconsistencies in the ground water flow directions, this office is requiring that you conduct monthly water level measurements, in addition to the quarterly ground water sampling requirements. Monthly water level measurements would indicate which directions a potential ground water contaminant plume may have migrated. Additionally, these monthly water level measurements could also be beneficial to you since any additional evidence showing that the ground water intermittently flows towards the monitoring wells would make the past non detect analysis results of the ground water samples more credible to this office.

Mr. Andy Macko

RE: 22008 Meekland Avenue

November 4, 1992

Page 2 of 2

Per Section 2652 (d), Article 5, Title 23 California Code of Regulations, until investigations and cleanup are completed at the site, monitoring reports are to be submitted to this office once every quarter. Quarterly ground water sampling needs to continue to assure this office that contaminants from the soil, such as the 1,300 ppm of hydrocarbons detected in the soil beneath the former underground storage tank, have not leached out into the ground water.

The quarterly monitoring report for the period between July 1992 and September 1992 is currently due to this office. Results of monthly water level measurements and commensurate ground water gradient maps are to be included in future quarterly monitoring reports.

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

Sincerely

Juliet Shin

Hazardous Materials Specialist

cc: Eddy So, RWQCB

Ramon Khu
Blymer Engineers, Inc.
1829 Clement Avenue
Alameda, CA 94501

Gil Jensen, Alameda County District Attorney's Office

STID 3606

March 4, 1992

Mr. Andy Macko
Tumac Lumber Company
22008 Meekland Avenue
Hayward, CA 94541

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

RAFAT A. SHAHID, Assistant Agency Director

RE: K.D. CEDAR SUPPLY COMPANY, 22008 MEEKLAND AVENUE

Dear Mr. Macko:

This Department has completed review of the February 27, 1992 Blymer Engineers, Inc. (BEI) quarterly monitoring report documenting activities associated with the sampling and monitoring of three (3) on-site wells located at the referenced site. Our review was performed in context with information presented previously in the August 2, 1991 BEI Phase I Subsurface Investigation report for this same site. Please be advised that opinions and directives presented in this correspondence are in concurrence with staff of the San Francisco Bay Regional Water Quality Control Board (RWQCB).

The cited February 1992 report documents sampling and monitoring activities occurring January 29, 1992. Ground water sample analyses continue to show nondetectable concentrations of target compounds.

The ground water gradient information presented in this report has shown a marked shift in flow from the northwest in July 1991, to the east/northeast in January 1992. However, in our review of the data, there appears to be an anomalous trend occurring in ground water elevations measured in well MW-2: the reported ground water elevation measurements have actually <u>risen</u> during the period from October 1991 to January 1992, while those measured in wells MW-1 and -3 have continued to fall since the first monitoring event in July 1991. It is not clear why this apparent gradient shift and anomalous rise have occurred, nor has any possible explanation been presented.

In an attempt to better understand the hydrologic actions affecting ground water flow underlying this site, the frequency of ground water elevation monitoring has been changed to a monthly schedule, from the quarterly schedule previously followed, beginning March 1992, and continuing until further notice. Please be advised should gradient determinations continue to show a shift in flow direction away from the current array of wells, additional wells located downgradient of the former tank pit will be required.

Please continue a quarterly schedule for ground water sample collection and report submittal. Such reports shall include, among other elements, a tabulation of ground water elevation data and gradient maps for each monitoring event.

Mr. Andy Macko

RE: 22008 Meekland Ave., Hayward STID 3606

March 4, 1992 Page 2 of 2

Please feel free to contact Ms. Juliet Shin, Hazardous Materials Specialist, or myself regarding this case at 510/271-4320.

Sincerely

Soft O. Seery, CHMM

Senior Mazardous Materials Specialist

cc: Rafat A. Shahid, Assistant Agency Director, Environmental Health Edgar Howell, Chief, Hazardous Materials Division Gil Jensen, Alameda County District Attorney's Office Eddie So, RWQCB Howard Hatayama, DHS

Jim Ferdinand, Eden Consolidated Fire District

Ramon Khu, Blymer Engineers, Inc.

### HEALTH CARE SERVICES

AGENCY



DAVID J. KEARS, Agency Director

R0518

August 29, 1991

Andy Macko K/D Cedar Supply Co., Inc. 22008 Meekland Av. Hayward CA 94541-3895 DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Program 80 Swan Way, Rm. 200 Oakland, CA 94621 (415)

RE: Recommendations Based Upon Phase I Subsurface Investigation at Former Underground Storage Tank Site

Dear Mr. Macko:

I have reviewed the Phase I Subsurface Investigation report and recommendations prepared by Blymyer Engineers for your site. Three monitoring wells were installed and sampled in July, 1991. Soil samples from the boreholes and groundwater samples obtained from the developed wells showed no petroleum contaminants above detectable levels. I am writing to follow up on the following issues discussed today by telephone with Ramon Khu of Blymyer:

- 1. As Blymyer recommends in the Phase I report, you are required to follow a quarterly groundwater sampling schedule through July, 1992. Results of the sampling data must be submitted to this office within 30 days of the sampling date. You must continue to sample for TPH as gasoline as well as for benzene, toluene, xylene, and ethyl benzene (BTEX). Depth to ground water must be recorded and groundwater gradient must be determined for each sampling event. Through the duration of your investigation, the guidelines for investigation of soil and groundwater contamination as set forth in the "Regional Board Staff Recommendations for Initial Evaluation and Investigation of Underground Tanks" must be followed. Your next round of sampling should take place by October 15, 1991.
- 2. There is no mention in my file documents of any soil clean up measures that may have been taken after your tanks were removed. Sample #4, taken at approximately 12.5 feet below the ground surface, showed contamination at 1300 ppm TPH as gasoline as well as high levels of BTEX components. Soils containing such levels pose a potental threat to groundwater (thus the requirement for monitoring wells), and must be remediated or removed. Please note that negative groundwater sampling results for July, 1991 does not mean that this soil contamination is not a concern. Petroleum contaminants in soil beneath the former tank could, over time, migrate through soil and impact groundwater.

Andy Macko K/D Cedar August 29, 1991 Page 2 of 2

The site sign-off requirements of this agency and the Regional Water Quality Control Board (RWQCB) require that you investigate and remediate the full extent of both groundwater and soil contamination. I referred to these requirements in correspondence both in August of 1990 and January of 1991. If the extent of soil contamination already has been investigated at your site, please provide a written description of your investigation and results.

Your original deposit of \$498.00 for project oversight has been exhausted. In order to cover this agency's continued oversight costs for your groundwater investigation, please submit a check, payable to County of Alameda, for \$300.00. You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans

Hazardous Materials Specialist

c: Eddy So, RWQCB Ramon Khu, Blymyer Engineers, Inc.



May 16, 1991

Andy Macko K/D Cedar Supply Co., Inc. 22008 Meekland Av. Hayward CA 94541-3895 DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Program 80 Swan Way, Rm. 200 Oakland, CA 94621 (415)

RE: Proposal for Groundwater Investigation at Former Underground Storage Tank Site

Dear Mr. Macko:

I have reviewed the Phase I Subsurface Investigation Workplan prepared by Blymyer Engineers for your site. The plan, to install and monitor three onsite wells and to survey nearby wells, is acceptable with the following changes and additions:

- 1. Blymyer has estimated that depth to groundwater onsite is approximately 30 feet and proposes to screen the well casing to only two feet above the water level. Because the precise depth to groundwater at the site is not known, and because seasonal and drought related fluctuations in water levels can be expected, the well casing should be screened to a minimum of 5 feet above the estimated level.
- 2. You must sample the wells monthly for three months or until stable results are obtained. At that point, you may begin a quarterly monitoring schedule. The wells must be monitored for a minimum of one year. Because we have experienced drought conditions for the past few years, the monitoring period may have to be extended well beyond a year's time. Please submit all reports and analytical results pertaining to this investigation within 30 days of the date they become available this office and to:

Richard Hiett Regional Water Quality Control Board 2101 Webster Street, 4th Floor Oakland CA 94612

You may submit changes to the workplan in the form of a letter or report. Please include a timetable for carrying out each step of the investigation. I understand that your consultant will be out of town for the next two weeks. I will expect to hear from you on the well screening interval, the sampling schedule, and the timetable by June 15, 1991. Wells should be installed and the first round of sampling completed by July 15, 1991.

Andy Macko K/D Cedar May 16, 1991 Page 2 of 2

As I have stated in past correspondence, you are required to submit a copy of the hazardous waste manifest to this office for the removed storage tanks. Copies of receipts or manifests for any soil disposal must also be forwarded. These documents are due in this office no later than May 25, 1991.

Your original deposit of \$498.00 for project oversight has been nearly exhausted. In order to cover this agency's continued oversight costs for your groundwater investigation, please submit a check, payable to County of Alameda, for \$300.00. You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans

Hazardous Materials Specialist

c: Gil Jensen, Alameda County District Attorney's Office Richard Hiett, RWQCB Howard Hatayama, Department of Health Services Ramon Khu, Blymyer Engineers, Inc.



January 24, 1991

Andy Macko K/D Cedar Supply Co., Inc. 22008 Meekland Av. Hayward CA 94541-3895 DEPARTMENT OF ENVIRONMENTAL HEALTH Hazardous Materials Program 80 Swan Way, Rm. 200 Oakland, CA 94621 (415)

RE: Contamination from Former Underground Storage Tanks

#### NOTICE OF VIOLATION

Dear Mr. Macko:

On November 20, 1989, two underground fuel storage tanks were removed from your property. The sampling results were received by this office on July 20, 1990 and showed that gasoline constituents in native soils beneath the two former tanks exceeded Regional Water Quality Control Board (RWQCB) action limits for total petroleum hydrocarbons (TPH), benzene (B), toluene (T), ethyl benzene (E), and xylene (X). Of specific concern are the findings from samples 1 and 4, at 130 ppm and 1300 ppm TPH, respectively. Samples 1 and 4 also showed BTEX contamination. Whenever total petroleum hydrocarbon (TPH) concentrations exceed 100 parts per million (ppm) in undisturbed native soil, Regional Board guidelines require a follow up groundwater investigation. You were instructed in writing by this office to submit a workplan for investigation and remediation of this contamination by September 30, 1990. No work plan has been received by this office to date.

California Health and Safety Code Section 25298 (c) requires that you demonstrate to this agency that any releases from your underground tank have been investigated and that corrective or remedial action has been taken. You are required to investigate the full lateral and vertical extent of petroleum contamination affecting soil and groundwater at and beyond your site. We require that you submit a work plan to this office by February 24, 1991. This work plan must, at a minimum, address the following items:

- 1. Site History: Site use, any known hazardous materials spills, leaks, or accidents
- 2. Site Description: Hydrogeologic setting, including soil type(s), depth to groundwater, direction of groundwater flow, and characteristics of the aquifer(s)
- 3. Investigation Method: Method by which full lateral and vertical extent of contamination will be determined
  - a. A minimum of three groundwater monitoring wells is required in order to determine groundwater flow direction.

Andy Macko

K/D Cedar Supply, Inc.

RE: Contamination from Former Underground Storage Tanks January 24, 1991

- b. Groundwater samples from monitoring wells must be collected by a qualified person familiar with EPA and DHS sampling protocol. Samples must be analyzed by a state certified laboratory for TPH and BTEX constituents.
- 4. Planned Remediation or Disposal of Stockpiled Soil
- 5. Site Safety Plan

This is a formal request for technical reports pursuant to California Water Code Section 13267 (b). This office is working in conjunction with the RWQCB. All proposals, reports, and analytical results pertaining to this investigation and remediation must be sent to this office and to:

Richard Hiett Regional Water Quality Control Board 1800 Harrison Street, Suite 700 Oakland CA 94612

In addition, you are required to submit a copy of the hazardous waste manifest for the removed storage tanks to this office. Copies of receipts or manifests for any soil disposal must also be forwarded. These documents are due in this office no later than February 24, 1991.

Be aware that Section 13268 (a) of the State Water Code states that failure to furnish reports as required by section 13267 (b) is a misdemeanor and provides for civil penalties.

You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans

Samela & Wans

Hazardous Materials Specialist

c: Gil Jensen, Alameda County District Attorney's Office Richard Hiett, RWQCB Howard Hatayama, Department of Health Services August 21, 1990

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

Andy Macko K/D Cedar Supply Co., Inc. 22008 Meekland Av. Hayward CA 94541-3895

RE: Contamination from Former Underground Storage Tanks

Dear Mr. Macko:

On November 20, 1989, two underground fuel storage tanks were removed from your property. The sampling results were received by this office on July 20, 1990 and showed that gasoline constituents in native soils beneath the two former tanks exceeded Regional Water Quality Control Board (RWQCB) action limits for total petroleum hydrocarbons (TPH), benzene (B), toluene (T), ethyl benzene (E), and xylene (X). Of specific concern are the findings from samples 1 and 4, at 130 ppm and 1300 ppm TPH, respectively. Samples 1 and 4 also showed BTEX contamination. Whenever total petroleum hydrocarbon (TPH) concentrations exceed 100 parts per million (ppm) in undisturbed native soil, Regional Board guidelines require a follow up groundwater investigation.

You are required to investigate the full horizontal and lateral extent of petroleum contamination affecting soil and groundwater at and beyond your site. We require that you submit a work plan to this office by September 30, 1990. This work plan must, at a minimum, address the following items:

- 1. Site History: Site use, any known hazardous materials spills, leaks, or accidents
- 2. Site Description: Hydrogeologic setting, including soil type(s), depth to groundwater, direction of groundwater flow, and characteristics of the aquifer(s)
- 3. Investigation Method: Method by which full lateral and vertical extent of contamination will be determined
  - a. A minimum of three groundwater monitoring wells is required in order to determine groundwater flow direction.
  - b. Groundwater samples from monitoring wells must be collected by a qualified person familiar with EPA and DHS sampling protocol. Samples must be analyzed by a state certified laboratory for TPH and BTEX constituents.
- 4. Planned Remediation or Disposal of Stockpiled Soil
- 5. Site Safety Plan

Andy Macko
K/D Cedar Supply, Inc.
RE: Contamination from Former Underground Storage Tanks
August 22, 1990

This is a formal request for technical reports pursuant to California Water Code Section 13267 (b). This office is working in conjunction with the RWQCB. All proposals, reports, and analytical results pertaining to this investigation and remediation must be sent to this office and to:

Richard Hiett Regional Water Quality Control Board 1800 Harrison Street, Suite 700 Oakland CA 94612

In addition, you are required to submit a copy of the hazardous waste manifest for the removed storage tanks to this office. Copies of receipts or manifests for any soil disposal must also be forwarded. These documents are due in this office no later than september 4, 1990.

Any deadline extensions for investigation and remediation activities as well as for required reports or other documents must be agreed upon in advance and confirmed in writing. You may contact me with any questions at 271-4320.

Sincerely,

Pamela J. Evans

Hazardous Materials Specialist

c: Richard Hiett, RWQCB

DEPARTMENT OF ENVIRONMENTAL HEALTH

Hazardous Materials Program 80 Swan Way, Rm. 200 Oakland, CA 94621

(415)



July 12, 1990

Andy Macko K/D Cedar Supply Co., Inc. 22008 Meekland Av. Hayward CA 94541-3895

RE: Underground Storage Tank Removal and Sampling Results

Dear Mr. Macko:

On November 20, 1989, two underground fuel storage tanks were removed from your property. Since that time, this office has received no sampling results that would indicate whether contamination from tank contents had impacted soil or groundwater.

All reports and analytical results pertaining to the tank removal must be sent to our office and to the Regional Water Quality Control Board (RWQCB). Pursuant to California Water Code Section 13267 (b), you are required to submit these documents to this office by July 31, 1990. You may contact Hazardous Materials Specialist Pamela Evans with any questions at 271-4320.

Sincerely,

Edgar B. Howell III, Chief Hazardous Materials Division

EBH: PJE

c: Richard Hiett, RWQCB
Blaine Technical Service