

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SWT
05-30-06

May 26, 2006

Ms. Deborah Castles
AEGIS
130 Webster St., Suite 200
Oakland, CA 94607

Mr. and Mrs. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448-3108

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

Dear Ms. Castles and Mr. and Mrs. Kozel:

Subject: Fuel Leak Case No. RO0000079, 1001 42nd St., Oakland 94608

Alameda County Environmental Health staff has received and reviewed the May 23, 2006 Workplan for Soil and Ground Water Evaluation Kozel Property, Oakland, California from Environmental Resources Management (ERM). The work plan proposes six (6) additional borings along the western property boundary, two of which are located within the property of an adjacent residence. Soil and groundwater samples will be collected and the risk to nearby residences evaluated. This work is approved. In addition, we request that at least one additional boring be drilled north of the eastern boundary of the estimated extent of free product where currently there is no data from "dry" borings. Every attempt should be made to obtain a groundwater sample from this area. Please submit your soil and groundwater report to our office no later than July 15, 2006.

ELECTRONIC SUBMITTAL OF REPORTS

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

Submission of reports to the Alameda County ftp site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. Submission of reports to the Geotracker website does not fulfill the requirement to submit documents to the Alameda County ftp site. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage

tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitor wells, and other data to the Geotracker database over the

Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all necessary reports was required in Geotracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting).

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

PERJURY STATEMENT

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

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

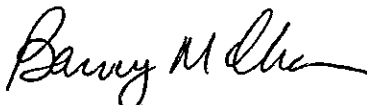
The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

C: files, D. Drogos

Mr. John Cavanaugh, ERM, 1777 Botelho Drive, Suite 260, Walnut Creek,
CA 94596

Mr. M. Samuels, Green City Development Group, 3675 Del Monte Ave.,
Oakland, CA 94608

Mr. J. Rosso, Clayton Group Services, A Bureau Veritas Company, 6920
Koll Center Parkway, Suite 216, Pleasanton, CA 94566

Mr. Donald Miller, California Linen, 989 41st St., Oakland, 94608

5_26_06 1001 41st St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SENT
01-04-06

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

January 3, 2006

Mr. and Mrs. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448-3108

Dear Mr. and Mrs. Kozel:

Subject: Fuel Leak Case No. RO0000079, 1001 42nd St., Oakland 94608

Alameda County Environmental Health staff has reviewed the files for the subject site including the October 28, 2005 Report of Additional Soil and Groundwater Assessment from Aqua Science Engineers (ASE). This work was previously approved to further characterize the lateral and vertical extent of petroleum contamination from this site. Our office has the following technical comments and requests that you submit the technical report requested below.

TECHNICAL COMMENTS

1. Site Characterization- With the exception of one boring, BH-MM, the extent of Total Petroleum Hydrocarbons as mineral spirits, TPHms, appears to be defined laterally and vertically. We cannot be certain, however, since only one boring was drilled to determine the vertical extent and the migration pathway(s) of dissolved and free product are still uncertain. Although it is true that no evidence has been found to show that free product from your site has impacted the former Dunne Paint property, the existence of your free product plume near known gravel channels of high permeability is considered a significant threat to off-site properties. In addition, risk to the adjacent residential properties to the immediate west of your site must be evaluated. Please include a work plan for this evaluation in the corrective action plan requested below.
2. Chemicals of Concern- No volatile organics via EPA Method 8260 were detected in either soil or groundwater samples during this investigation. Although chlorinated solvents were used and found in the sump near the former furniture refinishing company on-site, these compounds appear not to have impacted soil and groundwater at significant levels. Chlorinated compounds do not require further investigation or analysis at this time.
3. Source Removal/Corrective Action Plan- The presence of free product levels of mineral spirits has been shown to be lying on the southern boundary of the site both on and off-site. The free product requires remediation and we concur with the recommendation for submitting a source removal/corrective action plan. Please submit your plan as requested below.
4. Groundwater Monitoring- monitoring well, MW-B1, was reportedly paved over and therefore, not sampled during the June 2005 sampling. Please locate, check the condition and sample this well as part of your sampling schedule. We concur with the recommendation to monitor the site semi-annually. Please submit your monitoring reports as requested below. At this time, you may omit SVOCs analysis

during sampling. Therefore, groundwater samples should be analyzed for TPHms and VOCs only.

TECHNICAL REPORT REQUEST

Please submit the following technical reports according to the following schedule:

- June 15, 2006- 1st semi-annual monitoring event
- December 15, 2006-2nd semi-annual monitoring event
- February 3, 2006- source removal/corrective action plan and work plan for evaluation of risk to neighboring residential properties

ELECTRONIC SUBMITTAL OF REPORTS

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

PERJURY STATEMENT

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PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

UNDERGROUND STORAGE TANK CLEANUP FUND

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

AGENCY OVERSIGHT

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

If you have any questions, please call me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: files, D. Drogos

Mr. R. Kitay, ASE, Inc., 208 West El Pintado, Danville, CA 94526

Mr. M. Samuels, Green City Development Group, 3675 Del Monte Ave.,
Oakland, CA 94608

Mr. J. Rosso, Clayton Group Services, A Bureau Veritas Company, 6920 Koll Center
Parkway, Suite 216, Pleasanton, CA 94566

Mr. Donald Miller, California Linen, 989 41st St., Oakland, 94608

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



SECRET
5-26-05

May 25, 2005

Mr. and Mrs. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448-3108

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

Dear Mr. and Mrs. Kozel:

Subject: Fuel Leak Case No. RO0000079, 1001 42nd St., Oakland 94608

Alameda County Environmental Health staff has reviewed the case file for the subject site including the April 26, 2005 Workplan for Additional Soil and Groundwater Assessment by Aqua Science Engineers (ASE). We find that the work plan is inadequate to assess your site and request that you address the following technical comments and submit the technical report requested below.

TECHNICAL COMMENTS

1. The historical site use has not been adequately evaluated. We know that underground storage tanks were located on 41st St. and on Linden St. and a sump was located near the former furniture building. However, prior to this configuration, we are aware the former Boysen Paint Co. occupied only the eastern portion of the present site. Therefore, other underground storage tanks were likely located elsewhere on the site to feed the production areas. There is an absence of information on the northern 2/3rds of the property, where sources may have existed in the past. We recommend a thorough Phase I investigation be performed using sources including as Sanborn maps, aerial photos, historic telephone directories, interviews with past employees, past reports and records, search of existing environmental data bases et al. Please provide your Phase I investigation as requested below.
2. Based upon the results of your Phase I investigation and the results of ASE's prior investigation, please provide a revised soil and groundwater investigation work plan. If no additional information is obtained for the northern portion of the site, a grid array of sample locations would be reasonable to assess this area. Samples should be taken to identify potentially submerged impacted soils. In the previous ASE investigation report, samples were not always collected and analyzed below groundwater. The vertical extent of contamination should be determined as this information will be useful in determining risk should groundwater elevations decrease in the future. The estimated extent of free product cannot be explained by currently known sources. Your work plan should attempt to identify reasonable sources for the detected free product.

May 25, 2005
Mr. and Mrs. Edward Kozel
RO0000079
Page 2

- Continuous sampling through vadose and capillary zone is recommended.
3. We find the conclusion that the release from your site has not impacted the former Dunne Paint site unreasonable. Your east-west cross-section shows soils of high permeability within 41st St. directly in the path of your estimated free product plume. Low levels of contamination detected in MW-B3, MW-D1 and MW-D2 used to make this conclusion, are likely the result of the extensive dewatering and site mediation at the Dunne Paint site.

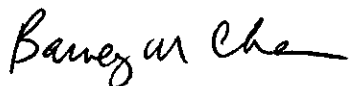
TECHNICAL REPORT REQUEST

Please submit the following technical report according to the following schedule.

- June 24, 2005- Phase I report, additional investigation work plan.
- Soil and groundwater report- 90 days after completion of field-work.

If you have any questions, please contact me at (510) 567-6765.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: files, D. Drogos
Mr. M. Samuels, Green City Development Group, 3675 Del Monte Ave.,
Oakland, CA 94608
Mr. J. Rosso, Clayton Group Services, 6920 Koll Center Parkway,
Suite 216, Pleasanton, CA 94566
Mr. Donald Miller, California Linen, 989 41st St., Oakland, 94608

5_25_05 1001 41st St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director

March 18, 2005



out
3-21-05

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

Mr. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448

Dear Mr. Kozel:

Subject: Fuel Leak Case RO0000079, 1001 42nd St., Oakland, CA 94608, Oakland
National Engravers (ONE)

Alameda County Environmental Health staff has reviewed the case file for the subject site including the January 19, 2005 *Report of Soil and Groundwater Assessment* by ASE, your consultant. We request that you address the following technical comments and submit the technical report requested below.

TECHNICAL COMMENTS

DEFINITION OF DISSOLVE AND FREE PRODUCT PLUMES

1. Our office concurs with the report's conclusion that the extent of the petroleum (mineral spirits) plume has not yet been defined, both laterally and vertically. We request that you further define the extent of the contamination and suggest the collection of depth discrete soil and groundwater samples. The vertical extent of contamination is of particular concern in locations where permeable soil type is noted in the deepest extent of the boring. We note that the potential impact to neighboring residential properties was not evaluated since the borings proposed near the site boundary were not able to collect water samples. In addition, the extent of free product must be determined and removed to the extent possible. Elevated TPH as mineral spirits was reported in groundwater samples. Please determine what concentrations in groundwater may represent free product and delineate those areas where remediation should be targeted. How will free product be remediated? Please address these items in the requested work plan.

CHEMICALS OF CONCERN

2. Your consultant recommends the elimination of volatile organics analysis, however, before we can concur with this you must show that the detected naphthalene, TCE and acetone are from laboratory contamination or some other artifact. In addition, you must demonstrate that the former sumps at the site, where volatile contaminants were identified, have been adequately assessed. Provide your rationale and justification for elimination of VOC analysis in the requested work plan.

COMPLETENESS OF FIGURES

3. Please show the locations of all former USTs, sumps and other potential contaminant sources on your future submitted figures. These are missing on some of the figures in the referenced report.

March 18, 2005
Mr. Edward Kozel
RO0000079, 1001 42nd St., Oakland, CA 94608
Page 2

PREFERENTIAL PATHWAY/SITE CONCEPTUAL MODEL

4. The down-gradient migration of the plume is not well understood at this time. Conflicting or lack of data has made the understanding of the site difficult. The following observations require clarification/investigation. No data exists to evaluate the threat to the adjacent residences. The report states that the sewers lines may be acting as preferential pathways, however groundwater samples collected along the sewer line in 41st St. detected both elevated and low levels of TPHms, while the wells on the south side of the sewer detected only low levels. To determine the extent and impact of the petroleum release(s), your site conceptual model (SCM) must be confirmed. Additional sampling is necessary to determine the plume migration pathway. To do this, we request that you present a SCM with your hypotheses for plume migration and propose additional investigation to confirm/refute each one. Please provide this in the requested work plan. We urge you to obtain all off-site access agreements now, to facilitate the investigation. Based upon the results of your investigation, it is anticipated that additional monitoring wells will be required.

APPROPRIATE CLEAN-UP LEVELS

5. Though the work proposes performing a human health risk assessment for residential exposure, you are reminded that all the appropriate cleanup levels must be considered including nuisance threshold, eco-toxicity and groundwater protection as well as human health.

TECHNICAL REPORT REQUEST

- April 20, 2005- Work plan for the lateral and vertical delineation of the plume, determination of free product concentration and location(s) of areas of free product, justification for the elimination of HVOC analysis, work plan for the verification of SCM hypotheses and evaluation of appropriate clean-up levels.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

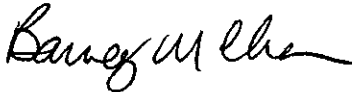
March 18, 2005
Mr. Edward Kozel
RO0000079, 1001 42nd St., Oakland, CA 94608
Page 3

PERJURY STATEMENT

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

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan,
Hazardous Materials Specialist

C: files, D. Drogos

Mr. Robert Kitay, ASE, Inc., 208 West El Pintado, Danville, CA 94526

Ms. Kim Kraft, ONE Color Communications, 1001 42nd St., Oakland, CA 94608

Mr. Martin Samuels, Green City Development Group, 3675 Del Monte Ave.,
Oakland, 94608

Mr. Jon Rosso, Clayton Group Services, 6920 Koll Center Parkway, Suite 216,
Pleasanton, CA 94566

Mr. Donald Miller, California Linen, 989 41st St., Oakland, CA 94608

ONE 3-16-05

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



SEP 19-1-04
ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 1, 2004

Mr. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448

Dear Mr. Kozel:

Subject: Fuel Leak Case RO0000079, 1001 42nd St., Oakland, CA 94608
Former Oakland National Engravers (ONE)

Alameda County Environmental Health staff has reviewed the July 23, 2004 Aqua Science Engineers report entitled *Area Conduit Study, Area Well Survey, and Workplan for Additional Soil and Groundwater Assessment* and the August 11, 2004 Quarterly Groundwater Monitoring Report for the referenced site. The reports respond to the County's April 2, 2004 letter. We find that this report generally satisfies the County's concerns, however, we request that you address the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

1. Please confirm that well LD4 has been properly closed. The report states that this well was filled with concrete and that no record of proper well closure exists. If necessary, this well must be properly decommissioned.
2. Please confirm the locations of the above ground tanks noted to have existed at the sites on your site map. Please also provide, if available, their sizes, contents and use history.
3. It was noted that in your site map, the location of the former loading dock underground tank is just east of MW-LD4, unlike that shown in prior reports. Please explain how the location of the former UST was verified.
4. To delineate the soil and groundwater plume, investigate the potential of preferential pathway migration and investigate other potential source areas, (17) boring locations are proposed for sampling. Please note, our office has requested an additional (4) borings as discussed with your consultant. Soil borings will be continuously cored to the depth of groundwater. Soil samples should be collected every five feet, at changes in lithology, at locations of noted contamination and at the capillary fringe. Groundwater samples should be collected through a screen interval of no greater than 2'. The vertical extent of contamination should be determined regardless of the presence of groundwater. All samples should be analyzed for TPH, (as reported in the gasoline, mineral spirits, diesel and motor oil range) and VOCs by EPA Method 8260. Each boring should be logged and the presence of permeable layers, especially sand and gravel, noted. A cross-sectional diagram extending off-site should be provided in your report.

Mr. Edward Kozel
RO0000079, 1001 42nd St., Oakland, CA 94608
September 1, 2004
Page 2

5. Please describe the activities, equipment and chemical usage in the buildings identified in Figure 4 of the report as the Former Etching Room, Former Rockridge Furniture Building, Former Drum Storage and Maintenance Shop.
6. Our office concurs with the recommendation to initiate quarterly groundwater monitoring, coincident with the former Dunne Paint property's monitoring.

Please submit your soil and groundwater investigation report within 60 days after completing your investigation.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan,
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Mr. R. Kitay, ASE Inc., 208 W. El Pintado, Danville, CA 94526

Ms. Kim Kraft, ONE Color Communications, 1001 42nd St., Oakland, CA 94608

Mr. Martin Samuels, Green City Development Group, 3675 Del Monte Ave.,
Oakland, 94608

Mr. Jon Rosso, Clayton Group Services, 6920 Koll Center Parkway, Suite 216,
Pleasanton, CA 94566

Mr. Donald Miller, California Linen, 989 41st St., Oakland, CA 94608

ONE wp 9_1_04

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



sent
04-05-04

April 2, 2004

Mr. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448

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

Dear Mr. Kozel:

Subject: Fuel Leak Case RO0000079, 1001 42nd St., Oakland, CA 94608, Oakland National Engravers (ONE)

Alameda County Environmental Health staff has reviewed the case file for the subject site including the April 30, 2003 *Block Environmental Services (BES) Response to Technical Comments*. We find that the response report does not adequately address our March 24, 2003 letter's concern and request that you address the following additional technical comments and submit the technical reports requested below.

TECHNICAL COMMENTS

Business and Professional's Code

1. The reports for this site submitted from your consultant are not signed and stamped by an appropriate registered professional and are not acceptable for submittal to this office. Pursuant to sections 6735, 7835, and 7835.1 of the California Business and Professions Code, all work and reports which require geologic or engineering evaluations or technical judgments must be performed under the direction of a California Professional Civil Engineer, Certified Engineering Geologist, Registered Geologist, or Certified Hydro geologist. Submittals requiring registration include:
 - 1.1 All reports that involve geologic or engineering evaluations and judgments.
 - 1.2 All proposals and reports for subsurface investigations. These include, but are not limited to, soil borings, monitoring wells, soil-vapor probes, and trenching to retrieve soil/groundwater samples.
 - 1.3 Quarterly monitoring reports that offer, or are required to provide, interpretation of data, conclusions, or recommendations.
 - 1.4 All proposals and reports concerning interim or final remedial actions.

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

We request that you submit a summary report of your work, signed and stamped by the appropriately registered professional. Regarding the April 30, 2003 letter report, we do not find the technical arguments compelling and the report is not signed and stamped by an appropriate registered professional, and it is rejected.

Quarterly Groundwater Monitoring

2. Groundwater monitoring has been performed at your site intermittently; in 1991, 1993, 1994, 1998, 1999 and 2000, and in most cases only once per year. We consider this insufficient data upon which to demonstrate a concentration trend. We request that you initiate quarterly groundwater sampling immediately. We further request that ONE and the former Dunne Quality Paints (1007 41st St.) commence with coordinated groundwater monitoring during the Second Quarter 2004. Coordination is important to obtain data on water levels and contaminant concentrations at the two sites on the same day. If coordination is not performed, the accuracy of evaluations of plume extent and determinations of commingling could be seriously compromised. Coordination is also important to monitor the changes in groundwater gradient magnitude and direction that can be induced by remedial activities occurring at the sites. Maps and data tables, included with the quarterly monitoring reports for each site, are to include data from wells from both sites.

Site Characterization/Observations

3. The site has not been adequately characterized. The lateral and vertical extent of source locations and dissolved plumes has not been defined. Since the site has not been adequately characterized, a risk-based evaluation is premature at this time.

In regards to the 10k diesel UST removed from the loading dock in 1987, monitoring well LD4 installed near this UST, possibly within the former tank pit, reported 630,000 ppb TPHms in the last monitoring event, 1/2000. This concentration of mineral spirits represents free product, which must be removed to the extent possible. The source of the release is not well understood nor is the extent of the free product or the dissolved product plume.

The former 8k gallon UST closed-in-place in the sidewalk on 41st St. in May 1993 has not been adequately investigated. The contents of this tank consisted of methylene chloride and xylenes in addition to stoddard solvent. The piping run to the tank was observed to have obvious holes. The piping run leading towards the building and property is not shown, nor understood. The sump, located 20 feet northeast of the UST may have been the source of the trench water, found entering the tank pit from beneath the adjacent building. This water sample detected 24,000 ppb TPH (total purgeable hydrocarbons). Therefore, the tank pit area appears to have been impacted by the leaks in the piping and leaks from the sump/trench. The well installed immediately down-gradient of the tank, MW-1, detected free product in 1988. After MW-1 was destroyed, well MWB-1 was installed slightly west of the tank pit, adjacent to a residence, as its replacement. In 9/93, the last time this well was sampled, 43,000 ppb TPHms was detected. This well should be located and redeveloped prior to sampling. Although gradient is in question, a slight northwest gradient could cause the petroleum plume and/or free product to migrate offsite beneath private residences. The incomplete preferential pathway/sensitive receptor survey, (see comment 4), leaves this potential threat unevaluated.

The two sumps located in the loading dock area were closed in April 1994. Monitoring well BES-1, located between the two sumps, initially reported 18,000 ppb TPHd and 12,000 ppb TPHms. A soil sample collected from 8' bgs next to the sumps reported 1400

ppm TPHms, 0.013 ppm TCE, 0.053 ppm cis-DCE and 0.044 ppm trans-DCE. Contrary to your consultant's conclusion, it appears that the sumps have leaked. The last monitoring of BES-1 on 12/99 detected 72,000 ppb TPHms. The extent of this plume and its relationship to the other plumes is currently unknown. Also, please confirm that these sumps are the same sump referenced in the May 1993 UST closure in-place. We request that you submit your proposal for plume definition in the work plan requested below.

The locations of monitoring wells MW-B2 through MW-B4 are not conducive for gradient determination because they are virtually linear, not triangular. With the exception of MW-B4, these wells are not located near the source areas. Additionally, the use of groundwater elevation readings from well LD4 is suspect since the well is located within the former tank pit. In fact, the reliability of the site's gradient is questionable due to the poor array of wells. The wells installed at the former Dunne Paints site located on the south side of 41st St. are also installed within the former tank pits, therefore gradient determination using these wells is also suspect.

The four hydropunches drilled in December 1999 and January 2000 provided some information but not enough to conclude that the extent of the petroleum plume(s) has been defined. It is unreasonable to assume that three hydropunch borings could characterize the plumes from the ONE site. Hydropunch HP-1 groundwater results of 21,000 ppb TPHms was collected on December 14, 1999, while HP-1 collected on December 15, 1999 reported <50 ppb. Your consultant explained this as a possible result of cross-contamination. This scenario is extremely unlikely. Cross-contamination would cause a low concentration sample to have slightly higher concentrations but not the extremely high concentration observed in the December 14th sample. Because of the extensive investigation performed on the former Dunne Paints site, we now know that there are buried and/or meandering stream channels beneath the Dunne site and vicinity. This preferential pathway allows plume migration and contaminant detection in this discrete channel. The elevated water sample in HP-1 was likely from this gravel channel. We request that you propose investigation sufficient to evaluate the likelihood of plumes originating from your site encountering buried stream channels in the area. Please include this proposal in the work plan requested below.

Preferential Pathway Study

4. Our office has reviewed the BES, December 2000 report, which is referenced to contain a preferential pathway and sensitive receptor survey. The referenced report does not include a utility survey or a ¼ mile well survey with the exception of those wells of the immediate former Dunne Paints and California Linen. We request that you perform a preferential pathway study that details the potential migration pathways and potential conduits for horizontal and vertical migration in the vicinity of your site. The utility survey should include map(s) and cross-sections showing the location and depth of all utility lines and trenches. A survey of nearby residences should be done to identify any homes with basements. The well survey should locate wells (all types) within a ¼ mile radius of the site. Show the locations of the wells and the site on a map. List well construction details for each well. Report your results in the work plan requested below.

Risk Assessment

5. The risk assessment performed for the site does not address residual TPHms because it states there is no surrogate chemical with comparable properties to it. Our office recommends comparing current soil, groundwater and vapor concentrations with Environmental Screening Levels (ESLs) in the SFRWQCB July 2003 document to determine if there is potential human health or environmental risk. The prior air samples are not considered appropriate samples. Air sampling was done at three locations using a flux chamber. One sample was in the former Dunne Solvent Mixing Room and the other two were within and outside the Office and Printing Building at ONE. Our office has several observations to this investigation. Though the use of a flux chamber is permitted, guidance documents from the LARWQCB and DTSC recommend soil gas sampling via shallow gas probes. The soil gas samples should be taken at locations where contamination would be likely present. To the contrary, the locations sampled in this investigation were not near the source areas or near sensitive receptors. Results from the flux chamber may yield false positive results due to the presence of ambient vapors. This may be the case in the sample taken from the Solvent Mixing Room. After site characterization is complete you should perform your risk assessment. At that time, please determine if a soil vapor sampling work plan is necessary.

Maps Inaccurate

6. The figure and site map provided to our office are inaccurate. They are not consistent with the descriptions given in the reports. MW-LD4 suspected as being installed within the tank backfill of the UST removed in 1987 is depicted as being approximately 50 feet from the UST in Figure 2 of the BES March 2000 report. Please correct this information and resubmit a corrected map.

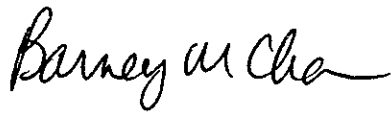
TECHNICAL REPORT REQUEST

- April 19, 2004- Written response to this letter, summary report including corrected figure/site map signed and stamped by an appropriate registered professional.
- May 7, 2004- Work Plan for site characterization and results of your preferential pathway study.
- May 15, 2004- 2nd Quarter 2004, Quarterly Groundwater Monitoring Report
- August 15, 2004- 3rd Quarter 2004, Quarterly Groundwater Monitoring Report
- November 15, 2004- 4th Quarter 2004, Quarterly Groundwater Monitoring Report
- February 15, 2005- 1st Quarter 2005, Quarterly Groundwater Monitoring Report
- 60 days after work plan approval- Soil and Groundwater Investigation Report
- 60 days after completion of Soil and Groundwater Investigation- Risk Assessment and Soil Vapor Sampling work plan, if necessary.

Mr. Edward Kozel
RO0000079
April 2, 2004
Page 5

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan,
Hazardous Materials Specialist

C: B. Chan, D. Drogos

Ms. Kim Kraft, ONE Color Communications, 1001 42nd St., Oakland, CA 94608

Mr. Martin Samuels, Green City Development Group, 3675 Del Monte Ave., Oakland, 94608

Mr. Jon Rosso, Clayton Group Services, 6920 Koll Center Parkway, Suite 216, Pleasanton,
CA 94566

Mr. Donald Miller, California Linen, 989 41st St., Oakland, CA 94608

ONE 4_2_04

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



03-25-03

March 24, 2003

Mr. Edward Kozel
20 Oak Knoll Drive
Healdsburg, CA 95448

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

Dear Mr. Kozel:

Subject: Fuel Leak Case RO0000079, 1001 42nd St., Oakland, CA 94608, Oakland National Engravers (ONE)

Alameda County Environmental Health, Local Oversight Program staff has reviewed the case file for the subject site and determined that additional information is required to progress to site closure. We have also reviewed the files for the neighboring sites, former Dunne Paints at 1007 41st St. and California Linen at 989 41st St., Oakland. We have determined that the release from California Linen has not commingled with either of the other two sites, however, it is likely that the releases from ONE and the former Dunne Paints have commingled. We request that you address the following technical comments when performing the requested work at your site and submit the technical reports requested below.

Technical Comments

1. Though the releases from former Dunne Paints and ONE have likely commingled, Dunne Paints and ONE are independently responsible for the characterization, delineation and potential remediation of their releases. Dunne Paints site will be providing a groundwater delineation and monitoring work plan.
2. Our office does not concur with the prior BES February 2002 Risk Management Plan ONE Color Communications and Green City Lofts conclusion that the health risk at these sites cannot be determined. The SFRWQCB RBSL document offers guidance for evaluation risk of releases from various petroleum fractions.
3. Please provide a table of all historic soil and groundwater concentrations. This data should be from tank removals, sump closures, monitoring well installations, etc. Please indicate data that has since been over-excavated and removed or that which was from a grab groundwater sample.
4. Please provide a site map indicating the locations of all former underground tanks and sumps, be they removed or closed-in-place and monitoring wells, either existing or properly decommissioned. Please note when the well(s) were destroyed and provide all names the well was known as. Please include the construction diagram for well LD-4, the well reportedly constructed within a tank backfill. Please also include the location of existing or former piping, drains or conveyances.
5. Please provide figures indicating the iso-concentration contours for both soil and groundwater on and off-site. Using the estimated solubility of mineral spirits plus prior observations, also include the estimated area of free product on the figure.
6. Please provide a preferential pathway and sensitive receptor survey, including utilities, wells, basements etc.

Mr. Edward Kozel
RO0000079
1001 42nd St., Oakland, CA 94608
March 24, 2003
Page 2

7. Please restart groundwater monitoring from the existing wells. The wells should be analyzed for TPHg, TPHd, TPH ms, BTEX and volatile organics by EPA Method 8260. At least one future monitoring event should be coordinated with Dunne Paints, when their new monitoring well have been installed and with the California Linen site. Your monitoring program should determine groundwater gradient using only those wells where the data is deem reliable and representative.
8. It is believed that upon review of the cumulative data and figures, additional site investigation will be necessary. At a minimum, data evaluating the potential impact to the adjacent residences to the west of this site and potential free product remediation should be considered. Please include a recommendation for additional work in your report.

Technical Report Request

Please submit the following technical report to our office according to the following schedule:

- April 30, 2003- Provide the requested tables, site map, well construction diagram, iso-concentration figures.
- May 30, 2003- Provide monitoring report, preferential pathway survey and work plan for additional site investigation.

You may contact me at (510) 567-6765 if you have any questions.

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

C: B. Chan, D. Drogos, files

Ms. Kim Craft, ONE Color Communications, 1001 42nd St., Oakland, CA 94608
Mr. Martin Samuels, Green City Development Group, 4048 Adeline St., Oakland, 94608
Mr. Donald Miller, California Linen, 989 41st St., Oakland, CA 94608

ONE tech request1001 42nd St

Sent 11-15-99
Including cc's

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

2079

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

November 12, 1999

Mr. Edward Kozel
20 Oak Knoll Drive
Healdsburg, California 95448

**RE: Oakland National Engravers (ONE) Color Communications (STID# 805)
1001 42nd Street, Oakland, California 94608**

LANDOWNER NOTIFICATION AND PARTICIPATION REQUIREMENTS

Dear Mr. Kozel:

This letter is to inform you of new legislative requirements pertaining to cleanup and closure of sites where an unauthorized release of hazardous substance, including petroleum, has occurred from an underground storage tank (UST). Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code requires the primary or active responsible party to notify all current record owners of fee title to the site of: 1) a site cleanup proposal, 2) a site closure proposal, 3) a local agency intention to make a determination that no further action is required, and 4) a local agency intention to issue a closure letter. Section 25297.15(b) requires the local agency to take all reasonable steps to accommodate responsible landowners' participation in the cleanup or site closure process and to consider their input and recommendations.

For purposes of implementing these sections, you have been identified as the primary or active responsible party. Please provide to this agency, within twenty (20) calendar days of receipt of this notice, a complete mailing list of all current record owners of fee title to the site. You may use the enclosed "list of landowners" form (sample letter 2) as a template to comply with this requirement. If the list of current record owners of fee title to the site changes, you must notify the local agency of the change within 20 calendar days from when you are notified of the change.

If you are the sole landowner, please indicate that on the landowner list form. The following notice requirements do not apply to responsible parties who are the sole landowner for the site.

LANDOWNER NOTIFICATION

Re: 1001 42nd Street, Oakland

November 12, 1999

Page 2 of 2

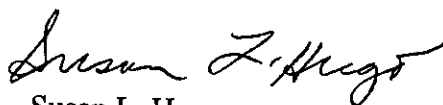
In accordance with Section 25297.15(a) of Ch. 6.7 of the Health & Safety Code, you must certify to the local agency that all current record owners of fee title to the site have been informed of the proposed action before the local agency may do any of the following:

- 1) consider a cleanup proposal (corrective action plan)
- 2) consider a site closure proposal
- 3) make a determination that no further action is required
- 4) issue a closure letter

You may use the enclosed "notice of proposed action" form (sample letter 3) as a template to comply with this requirement. Before approving a cleanup proposal or site closure proposal, determining that no further action is required, or issuing a closure letter, the local agency will take all reasonable steps necessary to accommodate responsible landowner participation in the cleanup and site closure process and will consider all input and recommendations from any responsible landowner.

Please call me at (510) 567-6780 should you have any questions about the content of this letter.

Sincerely,



Susan L. Hugo
Hazardous Materials Specialist

Attachments

cc: Chuck Headlee, RWQCB
Ms. Kim Fogerty, ONE, 1001 42nd Street, Oakland, CA 94608 (with attachments)
SH / files

SAMPLE LETTER (2): LIST OF LANDOWNERS FORM

Name of local agency
Street address
City

SUBJECT: CERTIFIED LIST OF RECORD FEE TITLE OWNERS FOR (*Site Name and Address*)

(Note: Fill out item 1 if there are multiple site landowners. If you are the sole site landowner, skip item 1 and fill out item 2.)

1. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that the following is a complete list of current record fee title owners and their mailing addresses for the above site:

2. In accordance with section 25297.15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I am the sole landowner for the above site.

Sincerely,

Signature of primary responsible party

Name of primary responsible party

SAMPLE LETTER 3: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY

Name of local agency
Street address
City

SUBJECT: NOTICE OF PROPOSED ACTION SUBMITTED TO LOCAL AGENCY FOR
(*Site Name and Address*)

In accordance with section 25297,15(a) of Chapter 6.7 of the Health & Safety Code, I, (*name of primary responsible party*), certify that I have notified all responsible landowners of the enclosed proposed action. Check space for applicable proposed action(s):

- cleanup proposal (corrective action plan)
- site closure proposal
- local agency intention to make a determination that no further action is required
- local agency intention to issue a closure letter

Sincerely,

Signature of primary responsible party

Name of primary responsible party

cc: Names and addresses of all record fee title owners

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



RO#79

RAFAT A. SHAHID, DIRECTOR

April 5, 1996

DEPARTMENT OF ENVIRONMENTAL HEALTH
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510)567-6700

Mr. Gary Leach
ONE Color Communications
P.O. Box 8277
Emeyville, California 94662

RE: Closure-In-Place of One Underground Storage Tank at
ONE Color Communications - 1001 42nd Street, Oakland
California 94608

Dear Mr. Leach:

This office has reviewed the Final Closure Report for ONE Color Communication Underground Storage Tank (October 23, 1995) prepared and submitted by Block Environmental Services for the above referenced site.

The report provides the results of the activities conducted during the closure-in-place of the 300 gallon underground storage tank that was uncovered during construction work inside the former neutralization room at the referenced site. Following review of this report, this department is satisfied that the former tank has been closed in full compliance with the requirements of Title 23, California Code of Regulations.

The referenced report documents that no apparent and/or significant release from the former tank has occurred at the site. Therefore, no further investigation or cleanup actions are required. Please be aware that further work may be required if conditions change or a water quality threat related to the tank is discovered at the subject site.

Should you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,

A handwritten signature in cursive script that reads "Susan L. Hugo".

Susan L. Hugo
Senior Hazardous Materials Specialist

c: Jun Makishima, Interim Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / files
Ronald Block, Block Environmental Services, 1221 Thames Drive
Concord, CA 94518

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



R079

RAFAT A. SHAHID, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
State Water Resources Control Board
Division of Clean Water Programs
UST Local Oversight Program
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700

June 15, 1995

Mr. Gary Leach
ONE Color Communications
P.O. Box 8277
Emeyville, California 94662

**RE: Closure In-Place of One Underground Storage Tank at
ONE Color Communications - 1001 42nd Street, Oakland
California 94608**

Dear Mr. Leach:

This letter is a follow up to the proposed closure in-place of one 1,000 gallon underground storage tank located inside the building (near Linden Street). The tank was uncovered recently during the remodelling / construction activities after the fire that occurred at site last January, 1995.

During our on-site meeting held today together with Mr. Ronald Block, it appeared that removing the tank will have a significant impact to the integrity of the building. The tank is located inside the building underneath the floor near the brick wall on Linden Street.

The proposal for abandonment in-place of the underground storage tank inside the building is acceptable to this department provided the following items are addressed:

- * The liquid contents must be removed and properly disposed. The tank must be rinsed. Please provide this office with copies of the disposal records.
- * All piping associated with the underground storage tank must be removed and disposed of unless removal might damage structures or other pipes that are being used and that are contained in a common trench, in which case the piping to be closed should be emptied of all contents and capped.
- * The tank must be filled with inert material per Oakland Fire Department's requirements. Please provide this office with documentation from Oakland Fire Department approving the in-place closure of the tank.
- * A notice must be placed in the deed to the property. The notice should describe the exact vertical and areal location of the closed underground storage tanks, the hazardous substances it contained and the closure method.

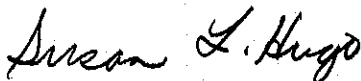
Mr. Gary Leach
RE: 1001 42nd Street, Oakland, CA 94608
June 15, 1995
Page 2 of 2

- * Please provide this office with documentation that no **unauthorized release** has occurred at the site. A soil boring sample must be collected adjacent to the tank and /or piping within ten feet in the verified downgradient direction. The soil sample must be collected no deeper than 1 to 2 feet of the tank's bottom. Soil sample must be analyzed for the following target compounds: TPH gasoline, TPH diesel, TPH oil and grease, BTEX, chlorinated hydrocarbon, semi-volatile organics and metals (cadmium, lead, zinc, nickel and chromium).
- * An underground tank closure plan must be submitted together with a site map (indicating the location of the tank), the completed Forms A and B and a deposit fee of \$ 604 payable to Environmental Health Services to cover this agency's oversight cost.

In the event that significant contamination which pose a threat to water quality be discovered at the site, compliance with the reporting requirements must be followed and a plan of correction must be submitted.

Should you have any questions concerning this letter, please contact me at (510) 567-6780.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

cc: Rafat A. Shahid, Director, Environmental Health
Mee Ling Tung, Acting Chief, Environmental Protection
Division / files
Ronald Block, Block Environmental Services, 1221 Thames Drive
Concord, CA 94518
Gerry Bluford, City of Oakland Fire Prevention Bureau
1330 Broadway, Oakland, CA 94612

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



R079

RAFAT A. SHAHID, Assistant Agency Director

January 25, 1994

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

Mr. Gary Leach
c/o Oakland National Engraving
1001 42nd Street,
Oakland, CA 94608

Subject: Workplan for Investigation of Former Sump at 1001 42nd
St., Oakland, CA 94608

Dear Mr. Leach:

This office has received and reviewed the "Workplan to Sample Soil and Groundwater...", submitted on December 15, 1993, by Block Environmental Services, your consultant of record. Thank you for presenting this document to this office for review. The workplan has been developed for the purpose of evaluating the possibility of release of solvents and other related chemical wastes.

Upon review of the workplan, this office concurs with your consultants' plan for the investigation of the site with the following recommendation(s).

- 1) Please provide this office with confirmation of proper disposal of the sludge removed from the sump as hazardous waste, or otherwise characterize the waste prior to disposal.
- 2) Please inform this office at least 72 hours prior to any sampling at the site so as to allow time for scheduling for the purposes of observing the sampling.

If you have any questions, please do not hesitate to call this office. The number is (510) 271-4320.

Sincerely,

Brian P. Oliva, REHS, REA
Sr. Hazardous Materials Specialist

cc: Ron Block, Block Environmental Services
Susan Hugo, Alameda County Local Oversight Program
files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY

DAVID J. KEARS, Agency Director



RAFAT A. SHAHID, ASST. AGENCY DIRECTOR

R079

March 24, 1993
STID# 805

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. Henry Jones
Manager, Environmental Affairs
Grow Group, Inc.
4000 Dupont Circle
Louisville, Kentucky 40207

**RE: Former Boysen Paint Company
1001 42nd Street, Oakland, California 94608**

Dear Mr. Jones:

The Alameda County Department of Environmental Health, Hazardous Materials Division has reviewed the following reports submitted by Environmental Strategies Corporation concerning the investigation of unauthorized release associated with underground storage tanks at the referenced site:

- * Additional Information In Response to ACEHD's September 22, 1992 letter - October 5, 1992
- * Work Plan for In-Place Closure of Former Boysen Paint Underground Storage Tank - October 22, 1992
- * Revised Work Plan for Supplemental Soil and Groundwater Investigation - Revised November 10, 1992
- * Letter from Emeryville Fire Department granting approval of in-place closure

Based on the information provided to this office and the on-site visit conducted on February 16, 1993, the proposal for abandonment in-place of the 5,000 gallon underground storage tank underneath the sidewalk on 41 st Street is acceptable to this department provided the following items are addressed:

- The integrity of the tank must be tested. Result of the precision tank tightness test must be submitted to this office.
- Slant soil borings (B-1, B-2, B-3) must be collected within one foot of the tank.
- A groundwater monitoring well must be installed adjacent to the tank and/or piping in the verified downgradient direction. Groundwater flow direction must be established at the site. It appears that monitoring well MW-1 is cross

Mr. Henry Jones
RE: 1001 42nd Street, Emeryville, CA 94608
March 24, 1993
Page 2 of 4

gradient from the tank and the construction diagram showed that this well was screened from 15 feet to 20 feet below ground surface. Groundwater was first encountered at 12 feet below ground surface (bgs) and stabilized at 7.76 feet bgs. Please explain the rationale if this well is applicable to use as the downgradient well and determine whether the data collected from this well is representative of the groundwater quality at the site since the well was screened below water table.

- A notice must be placed in the deed to the property. The notice should describe the exact vertical and areal location of the closed underground storage tank, the hazardous substances it contained and the closure method.
- Authorization must be secured from the Emeryville Fire Department if any cutting will be performed on the tank at the site and a copy of the permit must be submitted to this office.

The revised work plan for supplemental soil and groundwater investigation (November 10, 1992) is acceptable with the following conditions:

Monitoring wells must be designed and constructed to be consistent with the Regional Water Quality Control Board guidelines. Monitoring wells must be screened to intercept any floating product and any heavier-than-water contaminants (e.g. chlorinated solvents).

All monitoring wells must be sampled quarterly. Water level and floating product thickness measurements shall be part of each sampling event. Groundwater samples are to be analyzed by a California State Certified Laboratory for the following analyses: total petroleum hydrocarbon as gasoline, total petroleum hydrocarbon as diesel, benzene, toluene, ethyl benzene, xylene, and volatile organics (8240 or 8260).

A remediation plan must be developed to clean up and/or contain contaminated groundwater.

A report must be submitted within **60 days** after completion of this investigation. Until cleanup is complete, you will need to submit reports to this office and to RWQCB every three months (or at a more frequent interval, if specified at any time by either agency). In addition, the following items must be incorporated in your future reports or workplans:

Mr. Henry Jones
RE: 1001 42nd Street, Oakland, CA 94608
March 24, 1993
Page 3 of 4

- a cover letter from the responsible party or tank owner stating the accuracy of the report and whether he/she concurs with the conclusions and recommendations in the report or workplan
- site map delineating contamination contours for soil and groundwater based on recent data should be included and the status of the investigation and cleanup must be identified
- proposed continuing or next phase of investigation / cleanup activities must be included to inform this department or the RWQCB of the responsible party or tank's owner intention
- any changes in the groundwater flow direction and gradient based on the measured data since the last sampling event must be explained
- historical records of groundwater level in each well must be tabulated to indicate the fluctuation in water levels
- tabulate analytical results from all previous sampling events; provide laboratory reports (including quality control/quality assurance) and chain of custody documentation

All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project. Copies of reports must also be submitted to:

Eddy So
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612

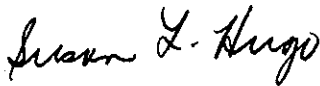
Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

In addition, enclosed is a copy of the approved "Underground Tank Closure Plan".

Mr. Henry Jones
RE: 1001 42nd Street, Oakland, CA 94608
March 24, 1993
Page 4 of 4

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

Enclosures

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health
Eddy So, San Francisco Bay RWQCB
Gil Jensen, Alameda County District Attorney's Office
George Warren, Emeryville Fire Department
Edgar B. Howell, Chief, Hazardous Materials Division - files
Edward Kosel - 5116 Cochrane Avenue, Oakland, CA 94618
L. Randolph Harris - McInerney & Dillon, One Kaiser Plaza
18th Floor, Oakland, CA 94612-3610
Richard Freudenberger - Environmental Strategies Corporation
101 Metro Drive, Suite 650
San Jose, California 95110

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

R079

RAFAT A. SHAHID, Assistant Agency Director

January 25, 1993

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

Oakland National Engraving
1001 42nd St.,
Oakland, CA 94608

**Re: FIVE-YEAR PERMITS FOR OPERATION OF ONE
UNDERGROUND STORAGE TANK (UST) AT
1001 42nd St., Oakland, CA 94608**

According to our records the above mentioned facility has not received a five-year permit to operate UST's. Please complete the following items marked below and return them to me within 30 days. The example plans enclosed should be used only as guidelines and may not meet your requirements under Title 23.

- ✓ 1. Complete UST PERMIT FORM A - one per facility. (enclosed)
- ✓ 2. Complete UST PERMIT FORM B - one per tank. (enclosed)
- 3. Complete UST PERMIT FORM C - one per tank if information is available. (enclosed)
- ✓ 4. A written tank monitoring plan. (enclosed)
- ✓ 5. Results of precision tank test(s) (initial and annual).
- ✓ 6. Results of precision pipeline leak detector tests (initial and annual).
- ✓ 7. An accurate and complete plot plan. (enclosed)
- 8. A written spill response plan. (enclosed)

Title 23 of the California Code of Regulation prohibits the operation of ANY UST without a permit. Please feel free to contact Brian P. Oliva, at 510/271-4320 if you have any questions which may arise in completing the mandatory five year permit process.

Sincerely,

Brian P. Oliva, REHS, REA
Hazardous Materials Specialist

cc: Gil Jensen, Alameda County District Attorney
Rafat Shahid, Assistant Agency Director, Alameda County
Department of Environmental Health
Ed Howell/files

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY



DAVID J. KEARS, Agency Director

Certified Mail# P 113 815 161

September 22, 1992
STID# 805

Mr. David B. Russell
Grow Group, Inc.
Pan Am Building
200 Park Avenue
New York, NY 10166

RE: **Former Boysen Paint Company**
1001 42nd Street, Oakland, California 94608

Dear Mr. Russell:

The Alameda County Department of Environmental Health, Hazardous Materials Division has recently reviewed the files concerning the investigation of unauthorized release associated with underground storage tanks at the referenced site. This office is also in receipt and has completed its review of the "Workplan for Supplemental Soil and Groundwater Investigation" dated July 14, 1992 submitted by Environmental Strategies Corporation for the referenced site.

Based on this review, the following issues listed below must be addressed:

- * An underground storage tank (approximately 5000 gallon) underneath the sidewalk on 41st Street and was used by Boysen for storing mineral spirits still remains at the site. It appears that this tank has not been used since Grow Group, Inc. was informed by the site owners in August, 1986 about its existence. This tank is subject to permanent closure requirements as stated in Title 23 of the California Code of Regulations Section 2670 (c). This tank in which the storage of hazardous substances have ceased and the tank will not be used, or are not intended for use to store hazardous substances within the next twelve consecutive months must be removed. The tank must be properly closed as required by Section 25298, Chapter 6.7 of the of California Health and Safety Code. It appears that the issue of tank closure has dragged on since 1988. This department, in a letter dated 9/26/88 approved the proposed workplan submitted by Mr. Henry Jones of Grow Group, Inc. Lester Feldman of the San Francisco Bay Regional Water Quality Control Board recommended immediate implementation of the workplan in his letter to Grow Group, Inc. dated 1/18/90. An unauthorized leak report was filed in 1988 for the referenced site regarding the release associated with the tanks on site. However, clean up and abatement measures have not been performed since then.

R079

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

Mr. David Russell

RE: 1001 42nd Street, Emeryville, CA 94608

September 22, 1992

Page 2 of 4

You are requested to remove the tank. Enclosed is a copy of the department's underground storage tank removal process and a blank copy of the "Underground Tank Closure Plan" for your reference. If the tank will be permanently closed in place, documents must be submitted to prove that the tank can not be removed due to physical barriers (such as utility lines) and removal will affect the integrity of a building. In addition, the following items must be performed for in-place closure of the tank:

- The liquid contents must be removed and properly disposed. Please provide this office with the name of the contractor and the disposal site. The workplan (7/14/92) submitted by Environmental Strategies Corp. stated that 610 gallons was pumped out from the tank on April 4, 1990. Is the tank currently empty? Please provide us with a copy of the manifest for the disposal of the tank contents.
- All piping associated with the underground storage tank must be removed and disposed of unless removal might damage structures or other pipes that are being used and that are contained in a common trench, in which case the piping to be closed should be emptied of all contents and capped.
- The tank must be filled with inert material per Emeryville Fire Department's requirements. Please provide this office with documentation from Emeryville Fire Department approving the in-place closure of the tank.
- A notice must be placed in the deed to the property. The notice should describe the exact vertical and areal location of the closed underground storage tank, the hazardous substances it contained and the closure method.
- An unauthorized release occurred at the site. Therefore, you are required to submit a plan of correction including cleanup and abatement measures for approval by this office and RWQCB. Please submit a time schedule for all phases of the investigation and remediation activities and the anticipated time when cleanup will be completed at the referenced site.
- A groundwater monitoring well must be installed adjacent to the tank and/or piping in the verified downgradient direction. Soils must be analyzed for all constituents of the previously stored hazardous substances and their breakdown or transformation products.

Mr. David Russell
RE: 1001 42nd Street, Emeryville, CA 94608
September 22, 1992
Page 3 of 4

- * The workplan dated July 14, 1992 submitted by Environmental Strategies Corporation (ESC) for the referenced site proposes to conduct further soil and groundwater investigation to determine whether or not a release occurred. Previous investigations and data collected to date for this site confirmed that a release occurred and was reported in 1988. Further delineation of the existing soil and groundwater conditions in the area must not be a determining factor if the tank will be removed or close in-place. The tank is considered abandoned and must be properly closed in a timely manner. This department will approve closure in-place if it is impossible to remove the tank and the issues for closure in-place mentioned above are met.

As stated in Mr. Eddy So's letter dated October 25, 1991 to Grow Group Inc., the tank must be permanently closed by removal or closure in-place. Any subsequent surface investigation and remediation activities related to soil and groundwater contamination due to underground storage tank will be overseen by this department and case closure will be signed off by the Regional Water Quality Control Board.

- * The extent of both soil and groundwater contamination at the site must be determined. The following items must be addressed before the workplan (7/14/92) for further delineation of the existing soil and groundwater contamination at the site can be approved:
 - All reports and proposals must be submitted under seal of a California Registered Geologist or Registered Civil Engineer with a statement of qualifications for each lead professionals involved with the project.
 - Cover letter from the responsible party must be submitted with all the reports stating the accuracy of the report and projected schedule for the next phase of investigation.
 - Field instruments are for screening tools only and soil samples must be analyzed by a state certified laboratory.
 - Please submit a copy of the specifications for the monitoring wells to be installed at the site.
 - Please submit a site safety plan.
 - The exact location of MW-2 placement must be identified in the site map.
 - Page 7 of the workplan (7/14/92) stated that OHM Remedial Services installed MW-1 on May, 1990. This office has not received any reports concerning the activities performed on May, 1990 at the site. Please submit a copy of the report documenting results of activities performed on May, 1990. Copies of boring logs must be included.

Mr. David Russell
RE: 1001 42nd Street, Emeryville, CA 94608
September 22, 1992
Page 4 of 4

- A report submitted by Oakland National Engraving Company, Inc. showed free product in the two monitoring wells "41st" and "LD4". Please describe the method of cleanup or corrective actions that have been implemented with regards to the free product found at these two wells.

Your response to the issues mentioned in this letter must be submitted to this office no later than **October 22, 1992**.

Copies of reports and proposal must also be submitted to:
Eddy So
RWQCB, San Francisco Bay Region
2101 Webster Street, Fourth Floor
Oakland, California 94612


Because we are overseeing this site under the designated authority of the Regional Water Quality Control Board, this letter constitutes a formal requests for technical reports pursuant to California Water Code Section 13267 (b). Any extensions of stated deadlines or changes in the workplan must be confirmed in writing and approved by this agency or RWQCB.

Please contact me at (510) 271-4530 if you have any questions concerning this letter.

Sincerely,


Susan L. Hugo
Senior Hazardous Materials Specialist

Enclosures

cc:  Rafat A. Shahid, Asst. Agency Director, Environmental Health
Eddy So, San Francisco Bay RWQCB
Mark Thomson, Alameda County District Attorney's Office
Edgar B. Howell, Chief, Hazardous Materials Division
Edward Kosel - 5116 Cochrane Avenue, Oakland, CA 94618
L. Randolph Harris - McInerney & Dillon, One Kaiser Plaza
18th Floor, Oakland, CA 94612-3610
Richard Freudenberger - Environmental Strategies Corporation
101 Metro Drive, Suite 650
San Jose, California 95110

Files

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



R079

March 25, 1991

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

Mr. Michael Vale
McInerney & Dillon
One Kaiser Plaza, 18th Floor
Oakland, CA 94612-3610

RE: 1001 42nd Street, Emeryville , CA 94608

Dear Mr. Vale:

As requested in your letter dated November 29, 1990 and a recent telephone conversation with this office, we have reviewed the files of the Hazardous Materials Division for information regarding the underground storage tanks at the referenced site. Please find enclosed copies of all current entries in our files pertaining to the underground storage tanks.

These attachments contain information limited to files in this office and does not reflect information or data that may be available from other agencies or parties.

You will be billed for provision of this service at the rate of \$67 per hour and a dollar for each page copied. We are returning your firm's blank check which you sent to this office. Enclosed is a copy of the invoice sent to our Billing unit and your firm's blank check.

Please contact me at (415) 271-4320 for any questions regarding this letter.

Sincerely,

Susan L. Hugo
Hazardous Materials Specialist

cc: Rafat A. Shahid, Asst. Agency Director, Environmental Health

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Director



Department of Environmental Health
Hazardous Materials Program
80 Swan Way, Rm. 200
Oakland, CA 94621

R079

Telephone Number: (415) 271-4320

December 14, 1988

Ms. Deborah Molitz
Provizer, Lichenstein, Pearlman & Phillips, PC
4000 Town Center, Suite 1240
Southfield, Michigan 48075

Dear Ms. Molitz:

In response to your letter of December 5, 1988, a search of our files reveals the following chronology of events at 1001-42nd St., Emeryville, CA 94608.

1. September 24, 1987 Letter from OHM (Peter Coutts) to Emeryville Fire Marshall, Jim Ebersole, "Proposed for in place closure of an underground storage tank at the Former Grow Group facility.
2. November 11, 1987 Letter from OHM (Peter Coutts) to Alameda County Dept. of Environmental Health "Proposed for in place closure of an underground storage tank at the Former Grow Group facility.
3. December 15, 1987 Letter from Alameda County Dept. of Environmental Health (Rafat Shahid) to Mr. Peter Coutts, OHM, requesting addition information.
4. December 21, 1987 Letter from OHM (Dennis Parfitt) to Alameda County Department of Environmental Health (Mrs. Liz Rose) submitting requested information.
5. December 24, 1987 Letter from Alameda County Dept. of Environmental Health (Rafat Shahid) to OHM (Dennis Parfitt) approving the closure plan as amended.
6. March 26, 1988 Underground Storage Tank Release Report.

Ms. Deborah Molitz
Southfield, Michigan 48075
December 14, 1988
Page 2 of 2

7. March 29, 1988

Letter from OHM (Dennis Parfitt) to Alameda County Department of Environmental Health (Mrs. Liz Rose) submitting preliminary site investigation at the Former Grow Group facility.

8. May 20, 1988

Letter from Alameda County Department of Environmental Health (Rafat Shahid) to Grow Group, Inc. (Henry Jones) requiring a full written report concerning the unauthorized release.

9. June 24, 1988

Letter from Grow Group (Henry Jones) to Alameda County Department of Environmental Health (Rafat Shahid) responding to the letter of May 20, 1988.

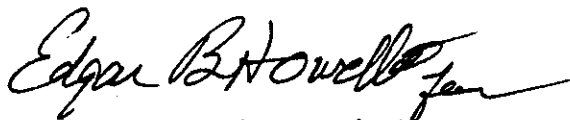
10. September 26, 1988

Letter from Alameda County Dept. of Environmental Health (Rafat Shahid) to Grow Group (Henry Jones) accepting the proposed work plan for the aforementioned unauthorized release.

A search of our files reveals that this is the only on going remediation at this site.

If you have any questions, please call Edgar Howell, Program Administrator at, (415) 271-4320.

Sincerely,



Rafat A. Shahid, Chief,
Hazardous Materials Program

RAS:mnc

cc: Files
Edgar Howell

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



R079

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

May 20, 1988

- No address
- Envision: "Grow Group,
Inc."
(R079)
Oakland National Engravers
1001 42nd St, Oakland

Grow Group, Inc.
P.O. Box 7600
4000 Dupont Circle
Louisville, KY 40207
Attn: Henry Jones

SUBJECT: UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/
CONTAMINATION SITE REPORT AT GROW GROUP INC., EMERYVILLE

Dear Mr. Jones:

On April 11, 1988, our office received a report of the preliminary site investigation prepared by O.H. Materials for the former Grow Group Facility in Emeryville, California. The purpose of the site investigation was to determine whether there had been any soil or groundwater contamination prior to tank closure. This report indicates that contamination has been discovered in the groundwater.

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).

Grow Group, Inc.
UGT Unauthorized Release (Leak)/
Contamination Site Report
May 20, 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 or as otherwise directed by the Regional Board. 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.

Should you have any questions regarding this letter, please contact Lizabeth Rose, Hazardous Materials Specialist at 271-4320.

Sincerely,

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

RAS:mam

cc: RWQCB
Emeryville Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

J. MICHAEL LEAHY, Agency Director



R079

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

December 24, 1987

Dennis Parfitt
O.H. Materials
3900 Industrial Blvd.
West Sacramento, CA 95691

Subject: Underground Storage Tank Closure Plan, Former Grow
Group Facility, 1001 42nd St., Emeryville, CA

Dear Mr. Parfitt:

Your ammended closure plan for the underground storage tank at the subject site has been approved. Please be advised that a plan of correction may be required should significant contamination be discovered.

Please notify this office at least 48 hours prior to soil/groundwater sampling. Should you have any questions regarding this matter please contact Lizabeth Rose, Hazardous Materials Specialist, at (415) 874-7237.

Sincerely,

Rafat Shahid, Chief,
Hazardous Materials Division

RAS:LR:lr

cc: City of Emeryville Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS, AGENCY
~~CAROLYN KESTER~~ Agency Director



R079

470 - 27th St., Rm. 322
Oakland, CA 94612

Telephone Number:(415) 874-7237

December 15, 1987

Mr. Peter Coutts
O.H. Materials Corporation
3900 Industrial Blvd.
West Sacramento, CA 95691

Subject: Underground Storage Tank Closure Plan
Former Grow Group Facility
1001 42nd St., Emeryville, CA

Dear Mr. Coutts:

Your closure plan as submitted for the underground storage tank at the subject site has been reviewed. Please submit the additional information as requested below:

1. Proposed disposal site of the liquid contents removed from the tank and rinsate material. Name of contractor removing same.
2. Method of triple rinsing the tank and verification that the tank has been cleaned of all residual hazardous materials.
3. Provide the method and amount of carbon dioxide used to inert the tank.
4. The County requires a concrete slurry mixture for in-place closure in lieu of your proposed silica sand slurry. Please ammend your plans to reflect this requirement.

After receiving and approving the changes to your ammended closure plan you may proceed with closure pending review of the soils reports.

Mr. Peter Coutts
O.H. Materials Corp.
West Sacramento, CA
Page 2 Of 2

Should significant contamination be discovered a plan of correction will be required which may modify your proposed closure plan. Should you have any questions please contact Lizabeth Rose, Hazardous Materials Specialist at (415) 874-7237.

Sincerely,

Rafat A Shahid
Rafat Shahid, Chief,
Hazardous Materials Division

RAS:LR:lr

cc: City of Emeryville Fire Department

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~ Agency Director



R079

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

September 21, 1987

Oakland National Engraving, Inc.
1001 - 42nd Street
Oakland, CA 94608

Dear Sirs:

This is to confirm that the tank removal at your facility has been completed and that the water monitoring well required by RWQCB guidelines has been installed.

The well should be sampled at least every three (3) months for the first year, to determine if remedial action (purging the area of paint thinner) is necessary.

Please send us copies of the analysis of the samples taken, as well as, Regional Water Quality Control Board , ATTN: Mr. H. Kazemi.

If you have any questions, please call Edgar B. Howell, III, Senior Hazardous Materials Specialist, at 874-7237.

Sincerely,

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

RAS:mnc

cc: H. Kazemi, RWQCB
Oakland Fire Dept, Fire Prevention Bureau
Edgar B. Howell, III
Dwight Hoenig, DOHS

ALAMEDA COUNTY
HEALTH CARE SERVICESDAVID J. KEARS, AGENCY
~~XXXXXXXXXX~~, Agency Director

R079

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

August 10, 1987

Oakland National Engraving
P. O. Box 8277
Emeryville, CA 94662
Attention: Mr. John Waldichuck

Dear Mr. Waldichuck:

We are in receipt of lab analysis from APPL, Inc. of soils and water samples taken on June 25, 1987 of the area under the tank removed from your site at 42nd and Linden Sts., Oakland.

The results submitted to us indicated that the soil is relatively free of contaminants and the pit can be filled with clean soil as the area in question is flushed by tidal action. After consultation with Mr. Kazemi, RWQCB, it is required that you install a water monitoring well. The results of lab analysis of water from the well will give information to evaluate whether or not remedial action for cleaning of the underground water strata is required. Lab analysis from a certified lab must be sent to both this office and RWQCB.

If you have any questions, please contact Edgar B. Howell, Senior Hazardous Materials Specialist at 874-7237.

Sincerely,

Rafat A. Shahid, Chief
Hazardous Materials Division

RAS:mam

cc: Dwight Hoenig, DOHS
Gil Jensen, Alameda County District Attorney, Consumer and
Environmental Protection Agency
M. H. Kazemi, RWQCB
4-M Construction, 11855 Road 29, Madera CA 93637

ALAMEDA COUNTY
HEALTH CARE SERVICES

DAVID J. KEARS AGENCY
~~XXXXXXXXXXXX~~, Agency Director



R079

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

May 28, 1987

Oakland National Engraving
P.O. Box 8277
Emeryville, CA 94662

ATTENTION: MR. JOHN WALDICHUK

Dear Mr. Waldichuk:

We are in receipt of the lab analysis from TAL, dated 4/3/87 and APPL, dated 5/20/87.

These analysis for total hydrocarbons, BTX and Methods 8010 and 8020, indicate there is no water contamination from the materials for which the water was tested.

The tank contents, if they exist, must be checked for hazardous characteristics prior to removal and disposal. If they are found to be hazardous, the tank will have to either, be cleaned on site or hauled as hazardous waste, to an approved disposal site. Emeryville Fire Department should be notified prior to the removal of the tank.

If you have any questions, please contact Edgar B. Howell, Senior Hazardous Materials Specialist, at 874-7237.

Sincerely,

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

RAS:mnc

cc: RWQCB
Jack Mendrin, 4M Construction