

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



F

August 8, 2007

Mr. Monty Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA, 94608

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

Dear Mr. Upshaw:

Subject: Fuel Leak Case RO0000186 & Global ID T0600102117, Fidelity Roof
Company, 1075 40th St., Oakland, CA, 94608

Alameda County Environmental Health (ACEH) staff has reviewed the files for the subject site including the June 7, 2007 Workplan Addendum 1075 40th Street, Oakland, CA 94608 prepared by Gribi Associates. This addendum responds to ACEH's May 23, 2007 comment letter of the original April 2, 2007 Gribi Associates work plan. Although we concurred with approach of your work plan, limited over-excavation and ozone injection, we had additional technical comments for you to address prior to performing the proposed work. We approve of the revised work plan addendum with the following conditions. In addition, please submit the technical reports requested below.

TECHNICAL COMMENTS

1. Proposed Limits of Excavation- Based upon the soil concentration maps for TPH and benzene impact provided the proposed lateral and vertical excavation would be expected to remove soil contamination above commercial ESLs and is approved.
2. Extent of Contamination Within Former Tank Pit Excavation- We understand that further excavation of the former tank pit excavation is not recommended at this time. ACEH requested additional vertical delineation of contamination be investigated within the former tank excavation. Your work plan proposes four borings, B-1 through B-4 within this area. The borings will be advanced to at least 25' or as necessary to define the vertical extent of contamination. Soil and two grab groundwater samples will be sampled from each borehole. Please analyze each of these samples for TPHd, TPHg, BTEX, oxygenates and lead scavengers. Based upon your soil and groundwater results, you should include either a conclusion or recommendation for further action in this area.
3. Excavation Sampling- The proposed soil sampling of the excavation and soil for potential reuse is approved, being consistent with the SFRWQCB October 20, 2006 Draft for Reuse of Petroleum Hydrocarbon Impacted Soil.
4. Ozone Injection- ACEH's questions regarding the proposed ozone injection remediation system have been adequately addressed.
5. Well Decommissioning- Your proposal to decommission wells MW-3, AS-1, DP-3, DP-4, DP-5 and DP-6 to facilitate your excavation is approved. Replacement wells will be required to monitor the effects of the proposed excavation in the future.

TECHNICAL REPORT REQUEST

We understand that the proposed work is subject to the Cleanup Fund approval and must be implemented in stages. Please initiate semi-annual monitoring until remediation is completed, then reinstitute quarterly sampling. Your reports must include current status of remediation and a schedule for its completion. Please submit the following requested technical reports according to the following schedule:

- September 10, 2007- 2nd 2007 Semi-annual Monitoring Report
- January 10, 2008- 1st 2008 Semi-annual Monitoring Report

These reports are being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an *unauthorized release* from a petroleum UST system, and require your compliance with this request.

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. 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, (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting) for more information on these requirements). 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

Mr. Monty Upshaw
August 8, 2007
Page 3 of 3

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.

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

cc: file, D. Drogos

Mr. Jim Gribi, Gribi Associates, 1090 Adams St., Suite K, Benicia, CA 94510
Messrs. Walter Bahm and Sunil Ramdass, SWRCB, 1001 I St., P.O. Box 944212,
Sacramento, CA 94244

ALAMEDA COUNTY
HEALTH CARE SERVICES



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AGENCY
DAVID J. KEARS, Agency Director

May 23, 2007

Mr. Monty Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA, 94608

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

Dear Mr. Upshaw:

Subject: Fuel Leak Case RO0000186 & Global ID T0600102117, Fidelity Roof Company, 1075 40th St., Oakland, CA, 94608

Alameda County Environmental Health (ACEH) staff has reviewed the files for the subject site including the April 2, 2007 Workplan to Conduct Site Remediation Activities prepared by Gribi Associates. We are aware that you have changed consultants and that this new proposal supercedes the prior work plan prepared by AEI Consultants. The intention of the work plan is to provide a more aggressive attempt to remediate and obtain closure for the site. The work plan proposes selective soil excavation and ozone injection to address the petroleum and MTBE releases, respectively, which appear to have originated from different locations ie from the pump islands and from the former USTs. Although we concur with approach of your work plan, we have the following observations/technical comments we request you address prior to performing the proposed work.

TECHNICAL COMMENTS

1. Proposed Limits of Excavation- The results of the prior air sparge/vacuum extraction test unlike what might have been predicted from borings, did not indicate it would be effective for remediation of the site. Because of the presence of clay and sandy clay sediments, it appears that vapor extraction is not likely an effective or predictable approach. Because of this, Gribi Associates recommends selective excavation and ozone sparging. The ozone sparging targets the MTBE plume, which migrated northwesterly and the excavation targets the free product in MW3, west of the former pump island. The proposed excavation of approximately 25'x50'x12' is northwest of the pump island. At this time, we do not believe the extent of contamination is characterized sufficiently to determine the limits of excavation. The tank cavity was excavated to 7.5' bgs and the subsequent excavation was excavated to 9.0' bgs. The work plan presumes that contamination exists in the smear zone from 8-12' bgs. We believe it is likely that contamination exists in the smear zone beneath the prior excavated areas, as well. Therefore, we request that you prepare figures indicating the residual concentrations of the contaminants of concern (COC) in soil and then propose borings to fill any data gaps in areas which are likely impacted ie former tank pit, pump islands, former excavated areas, near free product, etc. Please provide your figure for residual concentrations and your locations for borings as requested below. We recommend both soil and groundwater samples be collected from the borings and that the vertical extent of contamination be defined. These sample results should be used to determine the extent of excavation and the impacts to groundwater.

Mr. Monty Upshaw

May 23, 2007

Page 2 of 4

2. Excavation Sampling- After the limits of contamination have been defined, sidewall soil samples from the bottom of the excavation every 20' are proposed. Please also collect floor samples, one for every 250 square feet of excavation. In the excavation proposal, soil from approximately 8-12' is presumed clean and will be segregated for reuse. Please insure that any soil pile proposed for reuse is characterized and used according to the Water Board, October 20, 2006 Draft, Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil as Inert Waste.
3. Ozone Injection- The work plan also proposes the installation of five 25' deep ozone injection wells (although four wells was mentioned in the proposal). One soil sample is proposed for analysis from each well. We understand that the number of wells is based upon your consultant's experience with this technology at similar sites. Prior to performing this work please provide explanation for the following:
 - How was the injection depth selected?
 - Is there a need for injection at multiple depths?
 - How do you determine the completeness of chemical oxidation?
 - How will you insure that petroleum vapors are not migrating?
 - How will you verify the radius of influence of the ozone?

TECHNICAL REPORT REQUEST

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

- June 23, 2007- Figures of Residual Contamination & Boring Locations for Contaminant Delineation.
- June 23, 2007- Explanation of Ozone Treatment Questions.

ELECTRONIC SUBMITTAL OF REPORTS

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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. Please do not submit reports as attachments to electronic mail.

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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

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PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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UNDERGROUND STORAGE TANK CLEANUP FUND

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AGENCY OVERSIGHT

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Mr. Monty Upshaw
May 23, 2007
Page 4 of 4

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: file, D. Drogos

Mr. Jim Gribi, Gribi Associates, 1090 Adams St., Suite K, Benicia, CA 94510
Messrs. Walter Bahm and Sunil Ramdass, SWRCB, 1001 I St., P.O. Box 944212,
Sacramento, CA 94244

5_23_07 1075 40th St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



F

February 5, 2007

Mr. Monty Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA, 94608

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

Dear Mr. Upshaw:

Subject: Fuel Leak Case RO0000186, Fidelity Roof Company, 1075 40th St.,
Oakland, CA, 94608

Alameda County Environmental Health (ACEH) staff has reviewed the January 30, 2007 Monitoring Well Installation and Groundwater Monitoring Report 1st Quarter, 2007 for the subject site prepared by AEI Consultants. The intention of the investigation was to complete the delineation of the petroleum and MTBE plumes before implementing the approved air sparge/bioventing remediation system. We approve the recommendation to install a passive LNAPL removal system into MW-3, which has historically reported variable thickness of free product. The presence of free product would be expected to have a detrimental affect on the proposed remediation system. We also concur with submittal of the scope of work and specifications for the remediation system. In this submittal you should include your proposal for cleanup goals and the sampling of biologic activity parameters from specific wells. We have the following observations/technical comments to the submitted report.

TECHNICAL COMMENTS

1. The depth to groundwater in MW-5 was unexpectedly deeper than all other wells. Minimally, this well should not be incorporated into your gradient calculation and its sampling results should be determined if they are representative and comparable to the other wells sampling results.
2. There appears to be two areas/sources of releases, one near MW-3 and one near MW-2, which consists of predominantly MTBE. This observation should be incorporated into your remediation proposal.

TECHNICAL REPORT REQUEST

Please submit the following requested technical report.

- March 6, 2007- Work Plan for free product system
- March 6, 2007- Report Detailing Specifics of Remediation System and Cleanup Goals and Sampling for Bioactivity Parameters

ELECTRONIC SUBMITTAL OF REPORTS

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PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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UNDERGROUND STORAGE TANK CLEANUP FUND

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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

cc: file, D. Drogos

Mr. Richard Bradford, AEI Consultants, 2500 Camino Diablo, Suite 100,
Walnut Creek, CA, 94597

Messrs. Walter Bahm and Sunil Ramdass, SWRCB, 1001 I St., P.O. Box 944212,
Sacramento, CA 94244

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

November 27, 2006

Mr. Monty Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA, 94608

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

Dear Mr. Upshaw:

Subject: Fuel Leak Case [REDACTED], Fidelity Roof Company, 1075 40th St.,
Oakland, CA, 94608

Alameda County Environmental Health (ACEH) staff has evaluated the August 31, 2006 Workplan for Monitoring Well Installation & Butane Biosparging and Bioventing by AEI Consultants in respect to the butane bio-sparging and bioventing proposal. As you are aware, we have already approved the monitoring well installation portion of the proposal. Due to the lack of historical use of this technology in our County, our office and the SWRCB Cleanup Fund do not approve the proposed remediation work plan at this time. We recommend that air sparge/bioventing be initiated instead. The efficacy of this remediation should be evaluated including testing for microbial growth. If microbe population is low, we may reconsider your initial proposal.

TECHNICAL REPORT REQUEST

Please submit the following requested technical report.

- January 6, 2007- Monitoring Wells MW-5 and MW-6 Installation Report

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Mr. Monty Upshaw
November 27, 2006
Page 3 of 3

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: file, D. Drogos

Mr. Richard Bradford, AEI Consultants, 2500 Camino Diablo, Suite 100,
Walnut Creek, CA, 94597

Messrs. Walter Bahm and Sunil Ramdass, SWRCB, 1001 I St., P.O. Box 944212,
Sacramento, CA 94244

11_27_06 1075 40th St

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



7

November 3, 2006

Mr. Monty Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA, 94608

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

Dear Mr. Upshaw:

Subject: Fuel Leak Case ~~RC2006120~~, Fidelity Roof Company, 1075 40th St.,
Oakland, CA, 94608

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site including the August 31, 2006 Workplan for Monitoring Well Installation & Butane Biosparging and Bioventing by AEI Consultants. Our office concurs with the proposal for the installation of MW-5 and MW-6 to delineate the extent of MTBE. We are currently evaluating the butane bio-sparging and bio-venting interim remediation proposal and are seeking comment from the SWRCB Cleanup Fund to confirm that this method is acceptable and will be reimbursed, if approved.

TECHNICAL REPORT REQUEST

Please submit the following requested technical report.

- January 6, 2007- Monitoring Wells MW-5 and MW-6 Installation Report

ELECTRONIC SUBMITTAL OF REPORTS

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Mr. Monty Upshaw
November 3, 2006
Page 3 of 3

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Sincerely,



Barney M. Chan
Hazardous Materials Specialist

cc: file, D. Drogos

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ALAMEDA COUNTY
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DAVID J. KEARS, Agency Director



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FAX (510) 337-9335

January 5, 2006

Mr. Monty Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA, 94608

Dear Mr. Upshaw:

Subject: Fuel Leak Ca [REDACTED] Fidelity Roof Company, 1075 40th St.,
Oakland, CA, 946008

Alameda County Environmental Health (ACEH) staff has recently reviewed the case file for the subject site including the October 24, 2005 Interim Corrective Action report by AEI Consultants. This report proposes to perform a pilot test consisting of dual phase extraction (DPE) from monitoring well MW-3. This action would pre-empt the combined bio-sparge and SVE (Soil Vapor Extraction) system proposed in AEI's August 6, 2004 Soil Vapor Extraction and Air Sparge Pilot Test Report. Our office concurs with this interim corrective action proposal. We have the following technical comments and request you submit the technical report below.

TECHNICAL COMMENTS

1. We concur that this pilot test has a significant upside and could possibly be used instead or in compliment with the previously proposed bio-sparge and SVE system. Because free product has consistently been present in MW-3, at a minimum, free product and petroleum mass will be removed from and around this well. The pilot test is also attractive since the initial results indicate that neither air sparge or vapor extraction alone would be successful for remediation.
2. We concur with the pilot test report contents and additionally request that you provide figures indicating the lateral and vertical iso-concentration maps for TPHg, benzene and MTBE in soil and groundwater at the site and an estimation of the mass of residual contamination remaining after performing the test. Please provide in the report requested below.

TECHNICAL REPORT REQUEST

Please submit the following requested technical report.

- April 6, 2006- DPE Pilot Test report

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](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

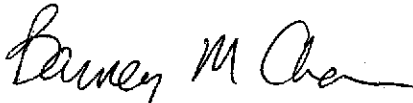
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

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: file, D. Drogos

Mr. Robert Flory, AEI Consultants, 2500 Camino Diablo, Suite 100, Walnut Creek,
CA, 94597



October 24, 2005

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Subject: Interim Corrective Action
1075 40th Street
Oakland, California
AEI Project No. 8326

Alameda County
OCT 26 2005
Environmental Health

Dear Mr. Chan:

This letter is an addendum to the Soil Vapor Extraction and Air Sparge Pilot Test Report dated August 6, 2004, pursuant to our conversation regarding the site and scope of work. AEI has been retained by Fidelity Roof Company to provide environmental engineering services associated with the release of petroleum hydrocarbons from the former underground storage tank system on the property.

In summary, the initially proposed method of source removal was a combination soil vapor extraction (SVE) and air sparging to remove contaminant mass from soils around the former tank vault and in the ground water. Since completion of the pilot test, light non-aqueous liquid (LNAPL) been consistently present in monitoring well MW-3. Following the SVE pilot test, 0.66 feet of LNAPL was measured in MW-3. This was reduced to a minimum of 0.01 feet in November 2004. At the time of the last quarterly monitoring event, September 9, 2005, the LNAPL in MW-3 was 0.64 feet thick. As per our recent conversation, AEI is proposing to perform a dual phase extraction (DPE) pilot test to determine the effectiveness of this method to remove the LNAPL. DPE technology consists of simultaneous extraction of groundwater and soil vapors from a common extraction well(s) under high vacuum (up to +/- 20 inches of mercury). The pilot test is proposed for a period of 3 days (72 continuous hours). If hydrocarbon recovery is consistent, the pilot test may be extended to 5 days.

The DPE test is planned for well MW-3. DPE will be performed primarily on well MW-3. After the test has run for sufficient time to establish a good base line, vapor extraction well VES-2 other wells adjacent to well MW-3 may be included. During the pilot test water, levels and induced vacuums will be measured on adjacent wells. In addition, water extraction rates and vapor flow rates will be measured. Vapor samples will be collected at the beginning, at several intervals during, and following the test on each well. Water samples will also be collected.

The extraction will be induced in the well by utilizing a suction tube lowered into the well through the sealed wellhead. The suction tube (stinger) will be lowered slowly to create a draw down nominally set at 5 feet below static water level. Soil vapor and water will be pulled up the tube, through an air-water separator (knock-out) tank, from which vapors will be routed to a thermal oxidizer for treatment. Water will be treated in a spray-aeration unit and routed to a

temporary storage tank. Water will either be discharged to the sanitary sewer under EBMUD permit or transported from the site to an approved disposal facility, depending on volume produced.

The DPE system will consist of a diesel generator, liquid ring vacuum pump, knock-out tank, spray-aeration unit, and thermal oxidizer. The equipment will have a multi-site Bay Area Air Quality Management District (BAAQMD) permit and be equipped with noise abatement equipment to comply with City noise ordinances to allow for 24-hour operation.

Upon completion of the DPE pilot test, data will be evaluated and a report presented, summarizing the methods and results of the test. The report will include the following:

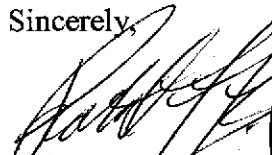
- Tabulated data obtained during the test including wellhead vapor flow rates, water flow rates, water level measurements and induced vacuums in observation wells.
- Summary of vapor and water analyses for TPH-g, BTEX, and MTBE
- Vacuum versus vapor flow rates
- Estimated mass removal total and mass removal rates at applied vacuums
- Drawdown in observation wells versus vacuum.
- Estimated radius of influence (ROI) for vapor extraction
- If successful, recommendations for cost effective soil and water treatment and disposal.

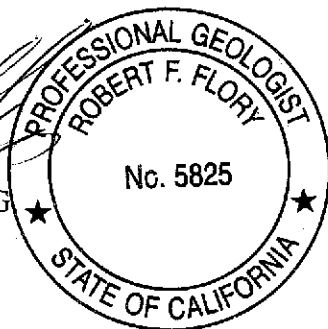
AEI anticipates scheduling the test upon receipt of confirmation from ACHCSA. The report will be completed within approximately one month of completion

The locations of the wells to be included in the pilot test are shown on the attached Figure 1. Figure 2 shows the location of the cross section, which illustrates the subsurface stratigraphy. Finalized versions of this and other cross sections will be included in the DPE Pilot Test Report.

We look forward to you comments and to beginning this project. If you have any questions or need any additional information, please don't hesitate to contact either of the undersigned.

Sincerely,


Robert F. Flory, P.G.
Senior Geologist




Peter McIntyre, P.G.
Senior Project Manager

CC: Monty Upshaw
1075 40th Street
Oakland, California 94608

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



November 10, 2003

Mr. Monte Upshaw
Fidelity Roof Company
1075 40th St.
Oakland, CA 94608

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

Dear Mr. Upshaw:

Subject: Fuel Leak Case RO0000186, Fidelity Roof Company, 1075 40th St., Oakland, 94608
Response to Technical Comments (to Corrective Action Plan)

Alameda County Environmental Health, Local Oversight Program (LOP) staff has reviewed the case file for the referenced site including the August 25, 2003 Response to Technical Comments from AEI Consultants. This report responds to the County's May 15, 2003 letter, which commented on your July 31, 2001 Corrective Action Plan. In general, our office concurs with the proposal to perform an air sparge/vapor extraction pilot test. We request that you address the following technical comments when performing the proposed work.

TECHNICAL COMMENTS

1. Two SVE, two AS and six drive point wells are proposed to be used to monitor the pilot test. The AS and SVE wells include locations within and outside the former tank excavation area. In the event that one location is not effective in generating a response, the other location within the former excavation will be used. The air sparge and drive point wells are proposed to be installed to a depth of 37'. Typically these wells are installed 5-15' below the depth of water (10-12'), therefore it appears that these wells need only be installed to a maximum depth of ~27'. Please explain the need for the proposed screen length.
2. The AS and drive point wells can also be used to sample groundwater. They can be used to delineate the plume and monitor the effect of remediation. The drive point wells DP-1, DP-2, DP-3 and DP-4 should be considered for groundwater sampling. The samples should be tested for TPHd, TPHg, BTEX, MTBE and ether oxygenates and the lead scavengers, EDB and EDC. EPA Method 8260 should be used for volatile organic compound (VOC) analyses on these samples, as well as in all future groundwater monitoring samplings. Although soil samples are not proposed for collection and analyses from the drive points, soil samples should be screened every five feet to allow for an estimate of the thickness of the contaminant plume.
3. We concur with the proposal to collect soil samples for sieve analyses to determine the soil type. Soil samples should be collected from at least three locations at depths corresponding to the detected VOC for each soil type within a potential soil gas investigation.
4. MW-5 is proposed as a down-gradient compliance well. Our office requests additional well(s) be considered for compliance wells. This is requested because of the significant MTBE reported in MW-2. Please provide an addendum for additional well(s) prior to installing MW-5.

Mr. Monte Upshaw
Fuel Leak Case RO0000186
Fidelity Roof Company, 1075 40th St., Oakland, 94608
November 10, 2003
Page 2 of 2

5. The Response to Technical Comments proposes to sample soil and groundwater and test these for various bio-indicator parameters. Specific additions of deficient constituents would be recommended based upon these analyses. Our office believes that AS/SVE should be evaluated initially. Should the pilot test prove unsuccessful, enhanced bioremediation may be investigated. Therefore, the proposed sampling for bio-indicator parameters should be put on hold.
6. The revised Proposed Soil and Groundwater Cleanup Levels in Table B-3 were chosen from the SFRWQCB (Water Board) RBSLs (Risk-Based Screening Levels) and is acceptable. Please note the Water Board has updated their RBSLs in their July 2003-Interim Final version of their ESLs (Environmental Screening Levels).

Please submit your response to these comments by December 12, 2003.

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. Lorraine Sawyer, AEI Consultants, 2500 Camino Diablo, Ste. 200, Walnut Creek,
CA, 94597

Ms. S. Knieriem, SWRCB, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

1075 40th St



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Financial Assistance

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf

Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

SEP 8 2003

Alameda County

SEP 11 2003

Environmental Health

Fidelity Roof Company
Montague Upshaw
1075 40th St
Oakland, CA 94608

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), CLAIM NO. 013833, FOR SITE ADDRESS: 1075 40TH ST, OAKLAND

The State Water Resources Control Board (State Board) is able to issue, pursuant to applicable regulations, the enclosed Letter of Commitment (LOC) in an amount not to exceed \$45,000. This LOC is based upon our review of the corrective action costs you reported to have incurred to date. The LOC may be modified by the State Board.

It is very important that you read the terms and conditions listed in the enclosed LOC. Claims filed with the Underground Storage Tank Cleanup Fund far exceed the funding available and it is very important that you make use of the funding that has been committed to your cleanup in a timely manner.

You are reminded that you must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. Only corrective action costs *required* by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. **You are encouraged to obtain preapproval of costs for all future corrective action work (form enclosed).** If you have any questions on obtaining preapproval of your costs or the three bid requirement, please call Sunil Ramdass, our Technical Reviewer assigned to claims in your Region, at (916) 341-5757. Failure to obtain preapproval of your future costs may result in the costs not being reimbursed.

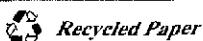
The following documents needed to submit your reimbursement request are enclosed:

"Reimbursement Request Instructions" package. **Retain this package for future reimbursement requests.** These instructions must be followed when seeking reimbursement for corrective action costs incurred after January 1, 1988. Included in the instruction package are samples of completed reimbursement request forms and spreadsheets.

"Bid Summary Sheet" to list information on bids received which **must be completed and returned.**

"Reimbursement Request" forms which you **must use to request reimbursement of costs incurred.**

California Environmental Protection Agency



Chan, Barney, Env. Health

From: lorraine.sawyer@earthlink.net
Sent: Monday, August 18, 2003 11:22 AM
To: BChan@co.alameda.ca.us
Subject: Response to Comments On Corrective Action Plan

Hi Barney Chan!

AEI was authorized last week to proceed on comments to your 15 May 2003 letter to Mr. Monte Upshaw of the Fidelity Roof Company. The letter was entitled "Fuel Leak Case R00000186, Request for Technical Reports for Fidelity Roof Company, 1395 7th Street, Oakland, CA 94608; Cleanup Fund Claim # 13833".

We are in the process of responding to your comments and anticipate a response in a few weeks or sooner.

If you have any questions, please do not hesitate to contact me at 925.283.6000 X108.

Thanks,

Lorraine M. Sawyer

720186
RAMCOY

State Water Resources Control Board

Division of Financial Assistance

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf



Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

APR - 1 2003

Fidelity Roof Co.
Montague M. Upshaw
1075 40th St
Oakland, CA 94608

Alameda County
APR 04 2003
Environmental Health

Dear Mr. Montague:

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), FUND MANAGER DECISION FOR ELIGIBILITY DETERMINATION: CLAIM NUMBER 013833; FOR SITE ADDRESS: 1075 40TH ST, OAKLAND

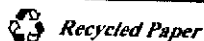
I have received your request for a Fund Manager Decision. After review of the request and supporting arguments, I have decided to find in your favor and to accept the claim on the Priority List in Priority Class "B" with a deductible of \$5,000.

We have completed our initial review. The next step in the claim review process is to conduct a compliance review.

Compliance Review: Staff reviews, verifies, and processes claims based on the priority and rank within a priority class. After the Board adopts the Priority List, your claim will remain on the Priority List until your Priority Class and rank are reached. At that time, staff will conduct an extensive Compliance Review at the local regulatory agency or Regional Water Quality Control Board. During this Compliance Review, staff may request additional information needed to verify eligibility. Once the Compliance Review is completed, staff will determine if the claim is valid or must be rejected. If the claim is valid, a Letter of Commitment will be issued obligating funds toward the cleanup. If staff determine that you have not complied with regulations governing site cleanup, you have not supplied necessary information or documentation, or your claim application contains a material error, the claim will be rejected. In such event, you will be issued a Notice of Intended Removal from the Priority List, informed of the basis for the proposed removal of your claim, and provided an opportunity to correct the condition that is the basis for the proposed removal. Your claim will be barred from further participation in the Fund, if the claim application contains a material error resulting from fraud or intentional or negligent misrepresentation.

Record keeping: During your cleanup project you should keep complete and well organized records of all corrective action activity and payment transactions. If you are eventually issued a Letter of Commitment, you will be required to submit: (1) copies of detailed invoices for all corrective action activity performed (including subcontractor invoices), (2) copies of canceled checks used to pay for work shown on the invoices, (3) copies of technical documents (bids, narrative work description, reports), and (4) evidence that the claimant paid for the work performed (not paid by another party). These documents are necessary for reimbursement and failure to submit them could impact the amount of reimbursement made by the Fund. *It is not necessary to submit these documents at this time; however, they will definitely be required prior to reimbursement.*

California Environmental Protection Agency



Compliance with Corrective Action Requirements: In order to be reimbursed for your eligible costs of cleanup incurred after December 2, 1991, you must have complied with corrective action requirements of Article 11, Chapter 16, Division 3, Title 23, California Code of Regulations. Article 11 categorized the corrective action process into *phases*. In addition, Article 11 requires the responsible party to submit an *investigative workplan/Corrective Action Plan (CAP)* before performing any work. This phasing process and the workplan/CAP requirements were intended to:

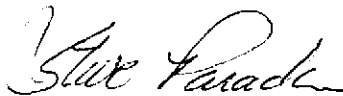
1. help the responsible party undertake the necessary corrective action in a cost-effective, efficient and timely manner;
2. enable the regulatory agency to review and approve the proposed cost-effective corrective action alternative before any corrective action work was performed; and
3. ensure the Fund will only reimburse the most cost-effective corrective action alternative required by the regulatory agency to achieve the minimum cleanup necessary to protect human health, safety and the environment.

In some limited situations *interim cleanup* will be necessary to mitigate a demonstrated immediate hazard to public health, or the environment. Program regulations allow the responsible party to undertake interim remedial action after: (1) notifying the regulatory agency of the proposed action, and; (2) complying with any requirements that the regulatory agency may set. Interim remedial action should only be proposed when necessary to mitigate an immediate demonstrated hazard. ***Implementing interim remedial action does not eliminate the requirement for a CAP and an evaluation of the most cost-effective corrective action alternative.***

Three bids and Cost Preapproval: Only corrective action costs required by the regulatory agency to protect human health, safety and the environment can be claimed for reimbursement. You must comply with all regulatory agency time schedules and requirements and you must obtain three bids for any required corrective action. ***If you do not obtain three bids or a waiver of the three bid requirement, reimbursement is not assured and costs may be rejected as ineligible.***

If you have any questions, please contact Shari Knieriem at (916) 341-5714.

Sincerely,



Allan V. Patton, Fund Manager
Underground Storage Tank Cleanup Fund

Lustis Case #: 01-2301

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

Montague M. Upshaw

-3-

cc: AEI Consultants
Nathan Garfield, Project Manager
3210 Old Tunnel Road, Suite B
Lafayette, CA 94549



Winston R. Hickox
Secretary for
Environmental
Protection

State Water Resources Control Board

Division of Financial Assistance

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The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption.
For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

FAX MEMORANDUM

TO: *Barney*
Barney Chan
Alameda County
Fax Number: (510) 337-9335

FROM: *SK*
Shari Knieriem (916) 341-5714, FAX (916) 341-5806
AGPA
UST CLEANUP FUND
Division of Financial Assistance
1001 I Street, 17th Floor, Sacramento, CA 95814

Ro186

DATE: ~~June 4, 2003~~ *6/10/03*

SUBJECT: COMPLIANCE FOR SITE: 1395 7th STREET, OAKLAND

If Fidelity Roof Company is in compliance, please sign off on the attached compliance form and return to me. Thank you, Shari

Pages being boxed including this page 3

Post-it® Fax Note	7671	Date	<i>6/16/03</i>	# of pages	<i>2</i>
To	<i>S. Knieriem</i>	From	<i>B. Chan</i>		
Co./Dept.	<i>SWRCB Cleanup Fund</i>	Co.	<i>Alco - LOP</i>		
Phone #		Phone #	<i>510-567-0765</i>		
Fax #	<i>916-341-5806</i>	Fax #			

CLAIM NO: 18833 CLAIMANT NAME: Fidelity Roof Company
 SITE ADDRESS: 1075 40th Street - Oakland
 Barney Chan

DATE	COMPLIANCE DOCUMENTATION
12/19/95	Cnty Inspection Report - Characterize Spill - USTs removed - holes - corrosion - strong order
12/21/95	Cnty - NOR
5/22/96	Cnty Ltr - results from UST Removal. shared contamination gasoline + Diesel - requests WKPL - Due within 45 days of date of letter
2/18/97	Cnty Ltr - Review Phase II Soil + GW investigation dated 10/7/96 + Excavation + Disposal of Contaminated Soil. Report dated 1/7/97 - Extent of contamination not identified - Submit workplan to investigate the extent of gw contamination at the site - Install one permanent gw monitoring system minimum of three wells will be required downgradient - gw samples will be collected + analyzed - TPHg, TPHd, BTEX, + n+be. WKPlan due 4/21/97
2/28/97	Cnty - Reviewed WKPlan dated 2/24/97 - Acceptable with conditions - Field work to begin Continued on reverse <input checked="" type="checkbox"/>

CONFIRMATION OF CORRECTIVE ACTION COMPLIANCE

- Claimant in corrective action compliance
- Claimant not in corrective action compliance (90 day letter required)
- Claimant not in corrective action compliance - rejection recommended

Barney Chan Barney Chan 5/12/03 5/16/03
 LEAD AGENCY SIGNATURE DATE
 SK 5/12/03
 CLAIMS REVIEWER SIGNATURE DATE

CLAIM NO.:	CLAIMANT NAME:
13833	Fidelity Roof Company Karen Chan
DATE:	COMPLIANCE DOCUMENTATION (CONTINUED)
	within 30 days - Quarterly Quarterly Reports due the first day of the second month of each subsequent quarter
3/18/98	Cnty - Received & Reviewed QMR - 4 th Quarter - Still significant contamination - extent of contamination not defined - Required to further investigate plume work plan due within 60 days to define the extent of contamination from petroleum in the down gradient direction from MW-3
7/9/98	Cnty - NOV - work plan due within 15 days.
10/9/98	Cnty - Reviewed work plan - work plan is accepted w/ changes
11/6/99	Cnty - Ltr - Reviewed 12/9/98 report - CAP will need to be prepared
11/1/99	Cnty - Reviewed the 9/3/99 report - documents the installation of MW-4 & sampling - continue to the quarterly monitoring schedule. - Report due w/in 60 days following each sampling event
7/12/01	Cnty - continue DM - Delineation of plume down gradient of MW-3 required - work plan due & CAP
2/11/01	Cnty - Reviewed CAP dated 9/3/01 - Needs to be revised
5/12/03	Cnty files: Have discrepancies been reviewed?
6/10/03	Receive 2nd Qtr 03 QMR

Chan, Barney, Env. Health

To: Sramdass@swrcb.ca.gov

Subject: Claim No. 013833, 1075 40th St., Oakland 94608, Fidelity Roof Co

Sunil: I wanted to get your opinion on the recent work plan proposed for the above site. ACEH reviewed and conditionally approved the RP's CAP, which proposed performing a air sparge/vapor extraction pilot test. The consultant adequately responded to the County comments but added in their response that they would like to concurrently evaluate the site for enhanced insitu bio remediation (ISB). Their logic is that the proposed pilot test is not assured as being affective in remediating the site (sandy gravelly clays, DTW 7-11') therefore, they'd like to evaluate ISB as an option or as a supplemental remediation approach. So they propose to collect soil and groundwater samples from existing and proposed wells (AS and VES) and test them for plate count, specific biodegraders and PLFA (phospholipid fatty acids). First question, is it okay to evaluate two remedial approaches concurrently, second what is your opion of the bio parameters proposed for evaluation? I am not familiar with PLFA analysis. Would the Fund have any objections to this? We agree that AS/VES may be only partially effective due to soil type and see that AS can also enhance ISB.

Thanks for your input.

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



5-16-03

May 15, 2003

Mr. Monte Upshaw
Fidelity Roof Company
1075 40th St.
Oakland CA 94608

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

Re: Fuel Leak Case RO0000186, Request for Technical Reports for Fidelity Roof Company,
1395~~7~~th St., Oakland CA 94608
Cleanup Fund Claim # 13833

SIB 1075 40th St.

Dear Mr. Upshaw:

Alameda County Environmental Health, Local Oversight Program (LOP) staff has recently reviewed the case file for the referenced site. We have also spoke with the State Water Resources Control Board Cleanup Fund staff. It appears that our office's last correspondence to you was a December 11, 2001 letter sent by Mr. Don Hwang. I have enclosed a copy of this letter for your reference. As you can see, this letter conditionally approved the proposed remediation approach using vapor extraction and air sparging pending the results of a pilot test. In addition, you were requested to resolve the discrepancies between the proposed cleanup levels and those levels protective of human health and the environment. I have re-examined the Corrective Action Plan and request that you address the following additional technical comments.

Technical Comments

A large portion of the impacted soil has already been removed during the tank removal and over-excavation activities. Excavation was performed to a depth of approximately 9' bgs (below ground surface). Since groundwater appears at approximately 10' bgs depth, the petroleum contamination resides just slightly above and within groundwater ie the saturated zone. Groundwater contamination remains elevated in MW-3 but has not been detected in down-gradient borings. It appears then that remediation should concentrate on groundwater, as it is the main source of contamination. Indications are that the soil type (silts and clays), which is typically fairly impermeable and not be amenable to groundwater or vapor extraction. Your consultant has suggested the soil type might explain the limited length of the petroleum plume.

1. Our office requests that you provide a more detailed description of the air sparge/vapor extraction test. It appears that additional vapor extraction test points will be needed in the event the monitoring wells do not show any influence. The expected radius of influence of 50' appears to be very optimistic. Please explain how the existing wells can be used as vapor extraction monitoring points. As noted, it is expected that vapor extraction would be enhanced in the excavated and backfilled areas, however, no air sparge wells are proposed within this area. Your pilot test should show the viability and effectiveness of this type of remediation. Beyond the former excavation, the effectiveness of vapor extraction is expected to be less. Therefore, the pilot test should extend to outside the excavation to confirm the radius of influence in this area.
2. The location of the proposed monitoring well (MW5) is too far down-gradient to determine the effectiveness of the remediation. No groundwater contamination was identified in the prior grab groundwater sample from this area.

Mr. Monte Upshaw
RO0000186
Fidelity Roof Company, 1075 40th St., Oakland CA 94608
May 15, 2003
Page 2

3. As a reminder, the previous December 11, 2001 letter requested that you revise the proposed cleanup levels to reflect the protection of human health and the environment. You are encouraged to use both the City of Oakland URL guideline and the SFRWQCB RBSL guideline. All analytes detected must be evaluated including TPHg, TPHd, BTEX, and MTBE. Please provide both cleanup levels (risk-based) and clean-up goals, those which are long term objectives that take into account potential use as drinking water unless shown to be otherwise.

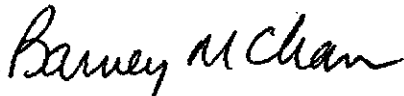
To date, our office has not received any response to the December 11, 2001 letter. Our office has been contacted by the State Water Resources Control Board (SWRCB) Clean-up Fund who are reviewing your application for reimbursement. They have recommended that you be given 90 days to comply with our office's request for reports, otherwise they will deny your application and you will lose your chance for reimbursement.

Technical Report Request

- August 15, 2003-Please submit a technical report responding to the above comments and proceed with an approved vapor extraction/air sparge pilot test.
- June 15, 2003- Groundwater Monitoring Report for second quarter 2003
- September 15, 2003-Groundwater Monitoring Report for third quarter 2003
- December 15, 2003- Groundwater Monitoring Report for fourth quarter 2003.

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

Sincerely,



Barney M. Chan
Hazardous Materials Specialist

Enclosure (Mr. Upshaw only)

✓ C: B. Chan, D. Drogos

Mr. P. McIntyre, AEI Consultants, 3210 Old Tunnel Rd., Suite B, Lafayette, CA 94549-4157
Ms. S. Knieriem, SWRCB, 1001 I St., 17th Floor, Sacramento, CA 95814-2828

90dayletter1075-40th-6t



Winston H. Hickox
Secretary for
Environmental
Protection

State Water Resources Control Board

Division of Clean Water Programs

1001 I Street • Sacramento, California 95814
P.O. Box 944212 • Sacramento, California • 94244-2120
(916) 341-5714 • FAX (916) 341-5806 • www.swrcb.ca.gov/cwphome/ustcf



Gray Davis
Governor

The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website at www.swrcb.ca.gov.

NOV 25 2002

Montague M. Upshaw
Dba Fidelity Roof Co.
1075 40th St
Oakland, CA 94608

Alameda County

DEC 02 2002

Environmental Health

UNDERGROUND STORAGE TANK CLEANUP FUND (FUND), REQUEST FOR FURTHER DOCUMENTATION: CLAIM NUMBER 013833; FOR SITE ADDRESS: 1075 40TH ST, OAKLAND

On November 13, 2002, the Fund received your appeal of ineligibility for participation in the Fund. After reviewing your documentation, the following documentation is required in order to complete your eligibility determination.

POST 1990 PERMITS

Please submit a copy of both a permit issued after 1990 and the removal permit for each UST that was removed in 1995.

PRIORITY CLASS C

Claimant is requesting to be assigned to Priority Class C. Please provide a copy of your DE-6 for the last quarter.

CLAIMANT NAME/TAX ID NUMBER

Claimant name and tax id number must match. If claimant is using the corporation's tax id number, then the claimant name should be the corporation. If claimant name is going to be an individual, then the tax id number should be the claimant's social security number. What is the relationship between the claimant and Fidelity Roof Company? Please clarify.

CERTIFICATION OF FINANCIAL RESPONSIBILITY (CFR)

Claimant must update the CFR. Contact Barbara Rinker at (916) 341-5648

Upon the Fund reviewing the above requested documentation a decision will be made regarding your eligibility.

NOTE: Failure to respond to this request within thirty (30) calendar days from the date of this letter may result in an ineligibility determination of your claim.

If you have any questions, please contact me at (916) 341-5714.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

California Environmental Protection Agency



Montague M. Upshaw

-2-

Lustis Case #: 01-2301

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Ms. Donna Drogos
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577



ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



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

December 11, 2001

Monte Upshaw
Fidelity Roof Co.
1075-40th St.
Oakland, CA 94608

Dear Mr. Upshaw:

Subject: Fidelity Roof Co., 1075-40th St., Oakland, CA 94608
RO0000186

"Corrective Action Plan" dated July 31, 2001 prepared by AEI Consultants was reviewed. Consultation with Chuck Headlee, Regional Water Quality Control Board (RWQCB), determined that the recommendation for vapor extraction and air sparging would be acceptable provided the results of the pilot tests prove favorable. The proposed target cleanup levels were allegedly based on USEPA Region 9 guidance for preliminary remediation goals (PRGs) for industrial scenarios. However, PRGs are not adequately comprehensive. PRGs are protective of humans but do not consider impact to groundwater or address ecological concerns. Additionally, the target cleanup levels were based on industrial scenarios but instead, should be based on residential scenarios if a deed restriction is not desired. Also, the proposed target cleanup levels for industrial soil did not match PRGs listed on the USEPA Region 9 web site. Additionally, the proposed target cleanup levels for groundwater did not match the USEPA Region 9 web site's list of PRGs for tap water. Resolve the discrepancies between the proposed target cleanup levels and the USEPA Region 9 PRGs. Also, provide target cleanup levels, which consider impact to groundwater and address ecological concerns. Target cleanup levels are also needed for Total Petroleum Hydrocarbons (TPH) and Methyl Tertiary-Butyl Ether (MTBE).

If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Chuck Headlee, RWQCB

Peter McIntyre, AEI Consultants, 3210 Old Tunnel Rd., Suite B, Lafayette, CA 94549-4157

✓File

300 12 11 01
12 11 01
ALAMEDA COUNTY HEALTH DEPT

COM No.	REMOTE STATION	START TIME	DURATION	RESULTS	REMARKS
697	13107984255	12:00 12:05	05:00	NOISE	NOISE

P 0 1 2

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 200
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9113

FACSIMILE COVER SHEET

To: ED WALLICK MEI

From: DON HUANG 510-567-6746

Date: 12/11/01

Notes:

ALAMEDA COUNTY ENVIRONMENTAL HEALTH DEPARTMENT
Division of Environmental Protection

1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

F A C S I M I L E C O V E R S H E E T

To: ED WALLICK, A/E

From: DON HWANG 510-567-6746

Date: 12/11/01

Notes: _____

FIDELIOY ROOF, 1075-40TH ST., OAKLAND

10/9

9/27/01

CHUCK,

A/EI RECOMMENDS

SVE + AIR SPARGING

HOWEVER, EVA THOUGHT
ADDITIONAL SOIL EXCAVATION
WAS BETTER.

DON 567-6746

FIDELITY ROOF, 1075-40TH ST., OAKLAND

9/27/01

CHUCK,

AEI RECOMMENDS
SVE + AIR SPARGING

HOWEVER, EVA THOUGHT
ADDITIONAL SOIL EXCAVATION
WAS BETTER.

DON 567-6746

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



July 18, 2001

Monte Upshaw
Fidelity Roof Co.
1075-40th St.
Oakland, CA 94608

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

Dear Mr. Upshaw:

Subject: Fidelity Roof Co., 1075-40th St., Oakland, CA 94608
RO0000186

“Quarterly Groundwater Monitoring Report, 1st Quarter 2001” dated May 8, 2001 was reviewed. Groundwater samples were collected on April 18, 2001. Monitoring well MW-3 again had the highest concentrations by far in groundwater for Total Petroleum Hydrocarbons-Gasoline (TPH-G), TPH-Diesel (TPH-D), Benzene, Toluene, Ethylbenzene, and Xylene (BTEX). These concentrations were 75,000 ug/l, 13,000 ug/l, 9,200 ug/l, 1,200 ug/l, 2,500 ug/l, and 12,000 ug/l. The concentration of Methyl Tertiary-Butyl Ether (MTBE) was Not Detected (ND)<500 ug/l which is consistent with concentrations found since October 8, 1997. The concentration of MTBE continued to be much higher in monitoring well MW-2 compared to the other monitoring wells. The concentration of MTBE was 2,800 ug/l. Also, during this monitoring event, all the other constituent concentrations from MW-2 reverted to less than the detectable limits. MW-1 and MW-4 results were within the ranges of previous monitoring events. None of the concentrations for MW-1 or MW-4 were significant. In MW-4, Toluene, Ethylbenzene, and Xylene were greater than the detectable limits for the first time but the concentrations were very low.

Continue quarterly groundwater monitoring. Delineation of the plume downgradient of MW-3 is required. Submit a workplan. A Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels should also be considered. If you have any questions, please call me at (510) 567-6746.

Sincerely,

Don Hwang
Hazardous Materials Specialist

C: Orion Alcalay, AEI Consultants, 3210 Old Tunnel Rd., Suite B, Lafayette, CA 94549-4157

✓ file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

May 2, 2001

Monte Upshaw
Fidelity Roof Co.
1075-40th St.
Oakland, CA 94608

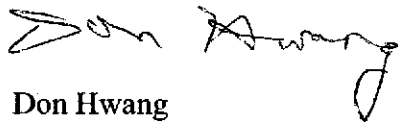
Dear Mr. Upshaw:

Subject: Fidelity Roof Co., 1075-40th St., Oakland, CA 94608
RO0000186

"Quarterly Groundwater Monitoring Report, Fourth Quarter 2000" dated January 29, 2001 was reviewed. Groundwater samples were collected on January 12, 2001. Monitoring well MW-3 continued to have the highest concentrations by far in groundwater for Total Petroleum Hydrocarbons-Gasoline (TPH-G), TPH-Diesel (TPH-D), Benzene, Toluene, Ethylbenzene, and Xylene (BTEX). These concentrations were 69,000 ug/l, 21,000 ug/l, 8,600 ug/l, 980 ug/l, 2,600 ug/l, and 11,000 ug/l. The concentrations of Methyl Tertiary-Butyl Ether (MTBE) continued to be much higher in monitoring well MW-2 compared to the other monitoring wells. The concentration of MTBE was 2,000 ug/l. Also, during this monitoring event, all constituents from MW-2 were greater than the detectable limits for the first time but none of the concentrations were significant. MW-1 and MW-4 results were within the ranges of previous monitoring events. None of the concentrations for MW-1 or MW-4 were significant.

Continued quarterly groundwater monitoring. However, a Corrective Action Plan, which includes an assessment of impacts, a feasibility study, and applicable cleanup levels should be considered. If you have any questions, please call me at (510) 567-6746.

Sincerely,



Don Hwang
Hazardous Materials Specialist

C: Orion Alcalay, AEI Consultants, 3210 Old Tunnel Rd., Suite B, Lafayette, CA 94549-4157

✓ file

140-57-8	Aramite	1.9E+01	ca	9.9E+01	ca	2.7E-01	ca	2.7E+00	ca	
7440-38-2	Arsenic (noncancer endpoint)	2.2E+01	nc	4.4E+02	nc					
7440-38-2	Arsenic (cancer endpoint)	3.9E-01	ca*	2.7E+00	ca	4.5E-04	ca	4.5E-02	ca	2.9E+01
7784-42-1	Arsine (see arsenic for cancer endpoint)					5.2E-02	nc			
76578-12-6	Assure	5.5E+02	nc	7.9E+03	nc	3.3E+01	nc	3.3E+02	nc	
3337-71-1	Asulam	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc	
1912-24-9	Atrazine	2.2E+00	ca	1.1E+01	ca	3.1E-02	ca	3.0E-01	ca	
71751-41-2	Avermectin B1	2.4E+01	nc	3.5E+02	nc	1.5E+00	nc	1.5E+01	nc	
103-33-3	Azobenzene	4.4E+00	ca	2.2E+01	ca	6.2E-02	ca	6.1E-01	ca	
7440-39-3	Barium and compounds	5.4E+03	nc	1.0E+05	max	5.2E-01	nc	2.6E+03	nc	1.6E+03
114-26-1	Baygon	2.4E+02	nc	3.5E+03	nc	1.5E+01	nc	1.5E+02	nc	
43121-43-3	Bayleton	1.8E+03	nc	2.6E+04	nc	1.1E+02	nc	1.1E+03	nc	
68359-37-5	Baythroid	1.5E+03	nc	2.2E+04	nc	9.1E+01	nc	9.1E+02	nc	
1861-40-1	Benefin	1.8E+04	nc	1.0E+05	max	1.1E+03	nc	1.1E+04	nc	
17804-35-2	Benomyl	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc	
25057-89-0	Bentazon	1.8E+03	nc	2.6E+04	nc	1.1E+02	nc	1.1E+03	nc	
100-52-7	Benzaldehyde	6.1E+03	nc	8.8E+04	nc	3.7E+02	nc	3.6E+03	nc	
71-43-2	Benzene	6.5E-01	ca*	1.5E+00	ca*	2.5E-01	ca*	3.5E-01	ca*	3.0E-02
92-87-5	Benzidine	2.1E-03	ca	1.1E-02	ca	2.9E-05	ca	2.9E-04	ca	
65-85-0	Benzoic acid	1.0E+05	max	1.0E+05	max	1.5E+04	nc	1.5E+05	nc	4.0E+02
98-07-7	Benzotrichloride	3.7E-02	ca	1.9E-01	ca	5.2E-04	ca	5.2E-03	ca	
100-51-6	Benzyl alcohol	1.8E+04	nc	1.0E+05	max	1.1E+03	nc	1.1E+04	nc	
100-44-7	Benzyl chloride	8.9E-01	ca	2.3E+00	ca	4.0E-02	ca	6.6E-02	ca	
7440-41-7	Beryllium and compounds	1.5E+02	nc	2.2E+03	ca**	8.0E-04	ca*	7.3E+01	nc	6.3E+01

141-66-2	Bidrin	6.1E+00	nc	8.8E+01	nc	3.7E-01	nc	3.6E+00	nc	
82657-04-3	Biphenthrin (Talstar)	9.2E+02	nc	1.3E+04	nc	5.5E+01	nc	5.5E+02	nc	
92-52-4	1,1-Biphenyl	3.5E+02	sat	3.5E+02	sat	1.8E+02	nc	3.0E+02	nc	
111-44-4	Bis(2-chloroethyl)ether	2.1E-01	ca	6.2E-01	ca	5.8E-03	ca	9.8E-03	ca	4.0E-04
108-60-1	Bis(2-chloroisopropyl) ether	2.9E+00	ca	8.1E+00	ca	1.9E-01	ca	2.7E-01	ca	
542-88-1	Bis(chloromethyl)ether	1.9E-04	ca	4.4E-04	ca	3.1E-05	ca	5.2E-05	ca	
108-60-1	Bis(2-chloro-1-methylethyl)ether	2.9E+00	ca	8.1E+00	ca	1.9E-01	ca	2.7E-01	ca	
117-81-7	Bis(2-ethylhexyl) phthalate (DEHP)	3.5E+01	ca*	1.8E+02	ca	4.8E-01	ca	4.8E+00	ca	
80-05-7	Bisphenol A	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc	
7440-42-8	Boron	5.5E+03	nc	7.9E+04	nc	2.1E+01	nc	3.3E+03	nc	
7637-07-2	Boron trifluoride					7.3E-01	nc			
108-86-1	Bromobenzene	2.8E+01	nc	9.2E+01	nc	1.0E+01	nc	2.0E+01	nc	
75-27-4	Bromodichloromethane	1.0E+00	ca	2.4E+00	ca	1.1E-01	ca	1.8E-01	ca	6.0E-01
75-25-2	Bromoform (tribromomethane)	6.2E+01	ca*	3.1E+02	ca*	1.7E+00	ca*	8.5E+00	ca*	8.0E-01
74-83-9	Bromomethane (Methyl bromide)	3.9E+00	nc	1.3E+01	nc	5.2E+00	nc	8.7E+00	nc	2.0E-01
101-55-3	4-Bromophenyl phenyl ether									
2104-96-3	Bromophos	3.1E+02	nc	4.4E+03	nc	1.8E+01	nc	1.8E+02	nc	
1689-84-5	Bromoxynil	1.2E+03	nc	1.8E+04	nc	7.3E+01	nc	7.3E+02	nc	
1689-99-2	Bromoxynil octanoate	1.2E+03	nc	1.8E+04	nc	7.3E+01	nc	7.3E+02	nc	
106-99-0	1,3-Butadiene	3.5E-03	ca	7.6E-03	ca	3.7E-03	ca	6.2E-03	ca	
71-36-3	1-Butanol	6.1E+03	nc	8.8E+04	nc	3.7E+02	nc	3.6E+03	nc	1.7E+01
2008-41-5	Butylate	3.1E+03	nc	4.4E+04	nc	1.8E+02	nc	1.8E+03	nc	
104-51-8	n-Butylbenzene	1.4E+02	nc	2.4E+02	sat	3.7E+01	nc	6.1E+01	nc	
135-98-8	sec-Butylbenzene	1.1E+02	nc	2.2E+02	sat	3.7E+01	nc	6.1E+01	nc	

98-06-6	tert-Butylbenzene	1.3E+02	nc	3.9E+02	sat	3.7E+01	nc	6.1E+01	nc	
85-68-7	Butyl benzyl phthalate	1.2E+04	nc	1.0E+05	max	7.3E+02	nc	7.3E+03	nc	9.3E+02
85-70-1	Butylphthalyl butylglycolate	6.1E+04	nc	1.0E+05	max	3.7E+03	nc	3.6E+04	nc	

Key:

i = IRIS

h = HEAST

n = NCEA

x = WITHDRAWN

o = OTHER EPA DOCUMENTS

r = ROUTE EXTRAPOLATION

ca = CANCER PRG

nc = NONCANCER PRG

sat = SOIL SATURATION

max = CEILING LIMIT

*indicates that the noncancer PRG \leq 100X the cancer PRG**indicates that the noncancer PRG $<$ 10X the cancer PRG**BOLD**=New or revised Toxicity values

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[Region 9 Home](#) | [EPA Home](#) | [Search](#) | [Comments/Questions](#)

Region 9 Office: 75 Hawthorne St., San Francisco, Calif., 94105

Send PRG-related comments and questions to smucker.stan@epa.gov

Updated: November 22, 2000

URL: http://www.epa.gov/region09/waste/sfund/prg/s1_01.htm



Waste Programs



PRG Tables: A-Bu

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[Soil Calculations: A-Bu](#) | [Ca-De](#) | [Di-Fe](#) | [Fl-Mo](#) | [Na-Pu](#) | [Py-Zi](#)
[Air-Water Calculations: A-Bu](#) | [Ca-De](#) | [Di-Fe](#) | [Fl-Mo](#) | [Na-Pu](#) | [Py-](#)
[Toxicity Values: A-Bu](#) | [Ca-De](#) | [Di-Fe](#) | [Fl-Mo](#) | [Na-Pu](#) | [Py-Zi](#)
[Phys-Chem Data: A-Di](#) | [Ep-Tr](#)

CAS No.	CONTAMINANT	PRELIMINARY REMEDIATION GOALS (PRGs)								SC SCORE LEV
		Residential Soil (mg/kg)		Industrial Soil (mg/kg)		Ambient Air (ug/m ³)		Tap Water (ug/l)		DAF 20 (mg/kg)
30560-19-1	Acephate	5.6E+01	ca**	2.8E+02	ca*	7.7E-01	ca*	7.7E+00	ca*	
75-07-0	Acetaldehyde	1.1E+01	ca**	2.3E+01	ca**	8.7E-01	ca*	1.7E+00	ca	
34256-82-1	Acetochlor	1.2E+03	nc	1.8E+04	nc	7.3E+01	nc	7.3E+02	nc	
67-64-1	Acetone	1.6E+03	nc	6.2E+03	nc	3.7E+02	nc	6.1E+02	nc	1.6E+01
75-86-5	Acetone cyanohydrin	4.9E+01	nc	7.0E+02	nc	2.9E+00	nc	2.9E+01	nc	
75-05-8	Acetonitrile	2.7E+02	nc	1.7E+03	nc	6.2E+01	nc	7.9E+01	nc	
98-86-2	Acetophenone	4.9E-01	nc	1.6E+00	nc	2.1E-02	nc	4.2E-02	nc	
50594-66-6	Acifluorfen	4.4E+00	ca	2.2E+01	ca	6.1E-02	ca	6.1E-01	ca	
107-02-8	Acrolein	1.0E-01	nc	3.4E-01	nc	2.1E-02	nc	4.2E-02	nc	
79-06-1	Acrylamide	1.1E-01	ca	5.4E-01	ca	1.5E-03	ca	1.5E-02	ca	
79-10-7	Acrylic acid	2.9E+04	nc	1.0E+05	max	1.0E+00	nc	1.8E+04	nc	
107-13-1	Acrylonitrile	2.1E-01	ca*	5.1E-01	ca*	2.8E-02	ca*	3.9E-02	ca*	

15972-60-8	Alachlor	6.0E+00	ca	3.1E+01	ca	8.4E-02	ca	8.4E-01	ca	
1596-84-5	Alar	9.2E+03	nc	1.0E+05	max	5.5E+02	nc	5.5E+03	nc	
116-06-3	Aldicarb	6.1E+01	nc	8.8E+02	nc	3.7E+00	nc	3.6E+01	nc	
1646-88-4	Aldicarb sulfone	6.1E+01	nc	8.8E+02	nc	3.7E+00	nc	3.6E+01	nc	
309-00-2	Aldrin	2.9E-02	ca*	1.5E-01	ca	3.9E-04	ca	4.0E-03	ca	5.0E-01
5585-64-8	Ally	1.5E+04	nc	1.0E+05	max	9.1E+02	nc	9.1E+03	nc	
107-18-6	Allyl alcohol	3.1E+02	nc	4.4E+03	nc	1.8E+01	nc	1.8E+02	nc	
107-05-1	Allyl chloride	3.0E+03	nc	4.3E+04	nc	1.0E+00	nc	1.8E+03	nc	
7429-90-5	Aluminum	7.6E+04	nc	1.0E+05	max	5.1E+00	nc	3.6E+04	nc	
20859-73-8	Aluminum phosphide	3.1E+01	nc	8.2E+02	nc			1.5E+01	nc	
67485-29-4	Amdro	1.8E+01	nc	2.6E+02	nc	1.1E+00	nc	1.1E+01	nc	
834-12-8	Ametryn	5.5E+02	nc	7.9E+03	nc	3.3E+01	nc	3.3E+02	nc	
591-27-5	m-Aminophenol	4.3E+03	nc	6.2E+04	nc	2.6E+02	nc	2.6E+03	nc	
504-24-5	4-Aminopyridine	1.2E+00	nc	1.8E+01	nc	7.3E-02	nc	7.3E-01	nc	
33089-61-1	Amitraz	1.5E+02	nc	2.2E+03	nc	9.1E+00	nc	9.1E+01	nc	
7664-41-7	Ammonia					1.0E+02	nc			
7773-06-0	Ammonium sulfamate	1.2E+04	nc	1.0E+05	max			7.3E+03	nc	
62-53-3	Aniline	8.5E+01	ca**	4.3E+02	ca*	1.0E+00	nc	1.2E+01	ca*	
7440-36-0	Antimony and compounds	3.1E+01	nc	8.2E+02	nc			1.5E+01	nc	5.0E+00
1314-60-9	Antimony pentoxide	3.9E+01	nc	1.0E+03	nc			1.8E+01	nc	
28300-74-5	Antimony potassium tartrate	7.0E+01	nc	1.8E+03	nc			3.3E+01	nc	
1332-81-6	Antimony tetroxide	3.1E+01	nc	8.2E+02	nc			1.5E+01	nc	
1309-64-4	Antimony trioxide	3.1E+01	nc	8.2E+02	nc	2.1E-01	nc	1.5E+01	nc	
74115-24-5	Apollo	7.9E+02	nc	1.1E+04	nc	4.7E+01	nc	4.7E+02	nc	

LOP - RECORD CHANGE REQUEST FORM

printed:
06/16/2000

Mark Out What Needs Changing and Hand to LOP Data Entry
(Name/Address changes go to Annual Programs Data Entry)

Insp: DH

AGENCY # : 10000 SOURCE OF FUNDS: F SUBSTANCE: 8006619
StID : 3341 LOC: -0-
SITE NAME: Fidelity Roof Company DATE REPORTED : 12/19/1995
ADDRESS : 1075 -0 40th St DATE CONFIRMED: 12/19/1995
CITY/ZIP : Oakland 94608 MULTIPLE RPs : N

SITE STATUS

CASE TYPE: O CONTRACT STATUS: 4 PRIOR CODE:2B4 EMERGENCY RESP: -0-
RP SEARCH: S DATE COMPLETED: 12/19/1995
PRELIMINARY ASMNT: C DATE UNDERWAY: 09/12/1996 DATE COMPLETED: 03/06/1997
REM INVESTIGATION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
REMEDIAL ACTION: - DATE UNDERWAY: -0- DATE COMPLETED: -0-
POST REMED ACT MON:U DATE UNDERWAY: 03/06/1997 DATE COMPLETED: -0-

ENFORCEMENT ACTION TYPE: 1 DATE ENFORCEMENT ACTION TAKEN: 12/19/1995
LUFT FIELD MANUAL CONSID: 2HSCA
CASE CLOSED: - DATE CASE CLOSED: -0-
DATE EXCAVATION STARTED : 12/19/1995 REMEDIAL ACTIONS TAKEN: ED

RESPONSIBLE PARTY INFORMATION

RP#1-CONTACT NAME: Mr. Monte Upshaw
COMPANY NAME: Fidelity Roof Company
ADDRESS: 1075 40th Street
CITY/STATE: Oakland, California 94608

INSPECTOR VERIFICATION:

NAME _____ SIGNATURE _____ DATE _____

DATA ENTRY INPUT:

Name/Address Changes Only

Case Progress Changes

ANPPGMS _____ LOP _____ DATE _____

LOP _____ DATE _____

- STID 3341 Fidelity Roof, 1075 40th Street

Monitoring phase after initial well installations, subsequent GeoProbe investigation, and additional well installations. Need to track GW flow to ensure wells are placed in good locations.

Don - please take over this case, Thanks



State Water Resources Control Board



Winston H. Hickox
Secretary for
Environmental
Protection

Division of Clean Water Programs
2014 T Street • Sacramento, California 95814 • (916) 227-4366
Mailing Address: P.O. Box 944212 • Sacramento, California • 94244-2120
FAX (916) 227-4530 • Internet Address: <http://www.swrcb.ca.gov/~cwphome/ustcf>

Gray Davis
Governor

DEC 17 1998

NO 0186
#3281 DH

Montague M. Upshaw
1075 40th St
Oakland, CA 94608

UNDERGROUND STORAGE TANK CLEANUP FUND PROGRAM, STAFF DECISION TO REJECT CLAIM: CLAIM NUMBER 013833; FOR SITE ADDRESS: 1075 40TH ST, OAKLAND

Your claim has been found to be ineligible for placement on the Priority List for the following reason:

On December 11, 1998 the Fund requested additional documentation in order to complete the cursory level of your claim application. The Fund sent a second 10-day final notice on April 30, 1999. To date, the Fund has not received a response from you.

- 1) What checking account are the payments for the cleanup being made from? The corporation's account, or your personal account? The claimant must reflect the entity incurring the cleanup costs.
- 2) Copy of the Notice of Violation issued to you in July of 1995 from the County.
- 3) Copy of a letter from the local regulatory agency naming you a responsible party and directing you to clean up the contamination at the subject site.
- 4) You submitted copies of income tax returns with your claim, but requested priority class C. Priority class C does not require a tax review. It only requires that you have fewer than 500 employees. A tax review is required if you would like to be placed in priority class B. Since you have already submitted the tax returns, we can evaluate the claim for placement in priority class B if you prefer; however, please specify which priority class you are applying for.

Because you have failed to respond to the above requested information, the Fund is rejecting your claim according to The Petroleum Underground Storage Tank Cleanup Regulations, Section 2811.2(n)...*Such other information as may be reasonably required by the Division to conduct a preliminary investigation on the apparent eligibility, reimbursable amount due, or appropriate Priority Class of the claim.*

In addition, your claim is for costs incurred after December 2, 1991, and you were not under orders or directives to clean up the site (Section 2811).

89 DEC 22 AM 8 18
NOI/CLM
ENVIRONMENTAL PROTECTION

There has been no verification of an unauthorized release of petroleum from the UST that was reported to the local regulatory agency (Section 2811).

NOTE: Sections cited are found in the Petroleum Underground Storage Tank Cleanup Fund Regulations, Title 23, Division 3, Chapter 18, of the California Code of Regulations.

If you disagree with this Staff Decision, you may either request review and reconsideration by the Program Manager or you may formally appeal the decision and request a Final Division Decision from the Chief of the Division. A request for reconsideration along with any additional documentation should be sent to:

Dave Deaner, Program Manager, Claim #013833
UST Cleanup Fund Program
State Water Resources Control Board
Division of Clean Water Programs
P.O. Box 944212
Sacramento, CA 94244-2120

A request to the Chief of the Division must include, at a minimum: (1) a statement describing how the claimant is damaged by the prior Staff Decision; (2) a description of the remedy or outcome desired; and (3) an explanation of why the claimant believes the action or the Staff Decision is erroneous, inappropriate or improper.

The request to the Chief of the Division must be sent to Edward C. Anton, Chief, Division of Clean Water Programs, at the address listed above.

If you do not request review and reconsideration by the Program Manager or request a Final Division Decision from the Chief of the Division within sixty (60) calendar days from the date of this letter, the Staff Decision will then become final and conclusive.

If you have any questions, please call me at (916) 227-4366.

Sincerely,

ORIGINAL SIGNED BY

Shari Knieriem
Claims Review Unit
Underground Storage Tank Cleanup Fund

cc: Mr. Steve Morse
RWQCB, Region 2
1515 Clay Street, Ste. 1400
Oakland, CA 94612

Mr. Thomas Peacock
Alameda County EHD
1131 Harbor Bay Pkway, 2nd Fl.
Alameda, CA 94502-6577

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

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

November 1, 1999

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075-40th Street
Oakland, CA 94608

RE: Fidelity Roof Company, 1075-40th Street, Oakland

Dear Mr. Upshaw:

Thank you for the recent submittal of the September 3, 1999 All Environmental, Inc. (AEI) report. This report documents the installation of monitoring well MW-4 and presents, in addition, the sampling and monitoring results for the remaining wells at the site.

At this time, please continue adhering to a quarterly schedule (i.e., every 3 months) of well sampling and monitoring. Technical reports documenting this work are also to be provided quarterly. A copy of each report is to be submitted to this office within 60 days following each sampling and monitoring event.

Please call me at (510) 567-6783 when fieldwork has been scheduled.

Sincerely,



Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Peter McIntyre, All Environmental, Inc.
901 Moraga Rd., Ste. C, Lafayette, CA 94549-4567

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



February 25, 1999

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

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075-40th Street
Oakland, CA 94608

RE: Fidelity Roof Company, 1075-40th Street, Oakland

Dear Mr. Upshaw:

I appreciate your prompt submittal of the February 22, 1999 All Environmental, Inc. (AEI) work plan for the next phase of the investigation at the subject site. AEI proposes the installation of an additional monitoring well just south of the former underground storage tank (UST) and dispenser area. The ongoing monitoring and sampling of the resulting 4-well network will assist in determining the appropriate corrective action for the UST release at this site.

The cited AEI work plan has been accepted with the following clarification:

- Of the minimum two (2) soil samples proposed for submittal to the laboratory for chemical analyses, at least one of the samples shall be collected from the apparent capillary zone.

Please call me at (510) 567-6783 when fieldwork has been scheduled.

Sincerely,



Scott G. Seery, CHMM
Hazardous Materials Specialist

cc: Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Peter McIntyre, All Environmental, Inc.
901 Moraga Rd., Ste. C, Lafayette, CA 94549-4567

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



January 6, 1999

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075 - 40th Street
Oakland, CA 94608

ENVIRONMENTAL HEALTH SERVICES

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

RE: Fidelity Roof Company, 1075 - 40th Street, Oakland

Dear Mr. Upshaw:

Thank you for our receipt of the December 9, 1998 All Environmental, Inc. (AEI) report documenting the recent phase of the investigation at the subject site. This report, as well as supplemental laboratory data submitted under AEI cover dated December 23, 1998, has been reviewed. The cited AEI report documents the installation of and sampling from six (6) "Geoprobe" soil borings advanced both within and outside the site compound. Although both soil and groundwater samples were collected, only groundwater samples were analyzed. Two laboratories were contracted to perform the analyses.

Based on the results of and supplemental information associated with the recent investigation, we have concluded that, at this time, ~~an additional "permanent" monitoring well shall be installed within 10' west of Geoprobe boring SB-1.~~ This well will be used in concert with the entire well network to confirm groundwater flow, corroborate the recent sampling results, and assist in the eventual preparation of an appropriate corrective action plan (CAP). Please be informed, however, that additional assessment may become necessary should new information demonstrate a compelling need to do so.

Please have your consultant present a brief work plan outlining their plans for installing the requested monitoring well. This work plan is due within 45 days of the date of this letter.

Please call me at (510) 567-6783 should have any questions.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Dave Deaner, SWRCB UST Fund
Peter McIntyre, All Environmental, Inc.

Alameda County Environmental Health

1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

TO: Peter Mc Intyre (AEI) 925/283-6121

FROM: Scott Seery 510/567-6783

DATE: 12-15-98

Total number of pages including cover sheet 1

-NOTES- re: Fidelity Roofing, Oakland

1998.12.15 13:40
510 337 9335
ALAMEDA CO EHS/HAZ OPS

COM No.	REMOTE STATION	START TIME	DURATION	PAGES	RESULT	USER ID	REMARKS
793	9252836121	12-15 13:40	00' 29	01/01	OK		

7499402016

Alameda County Environmental Health

1131 Harbor Bay Pkwy., #250
Alameda CA 94502-6577
Telephone (510) 567-6700 FAX (510) 337-9335

FACSIMILE COVER SHEET

TO: Peter Mc Intyre (AEI) 925/283-6121

FROM: Scott Seery 510/567-6783

DATE: 12-15-98

Total number of pages including cover sheet 1

-NOTES- re: Fidelity Roofing, Oakland

- ① Holm
- ② Alex Fuso
- ③ All
- ④ Seery
- ⑤ TPA-E
- ⑥ 2400 P
- ⑦ Press
- ⑧ Was
- ⑨ SB-1
- ⑩ cord.
- ⑪ by
- ⑫ O.O.
- ⑬ Cal's

Resie



Fidelity Roof
1075-40th
Oakland

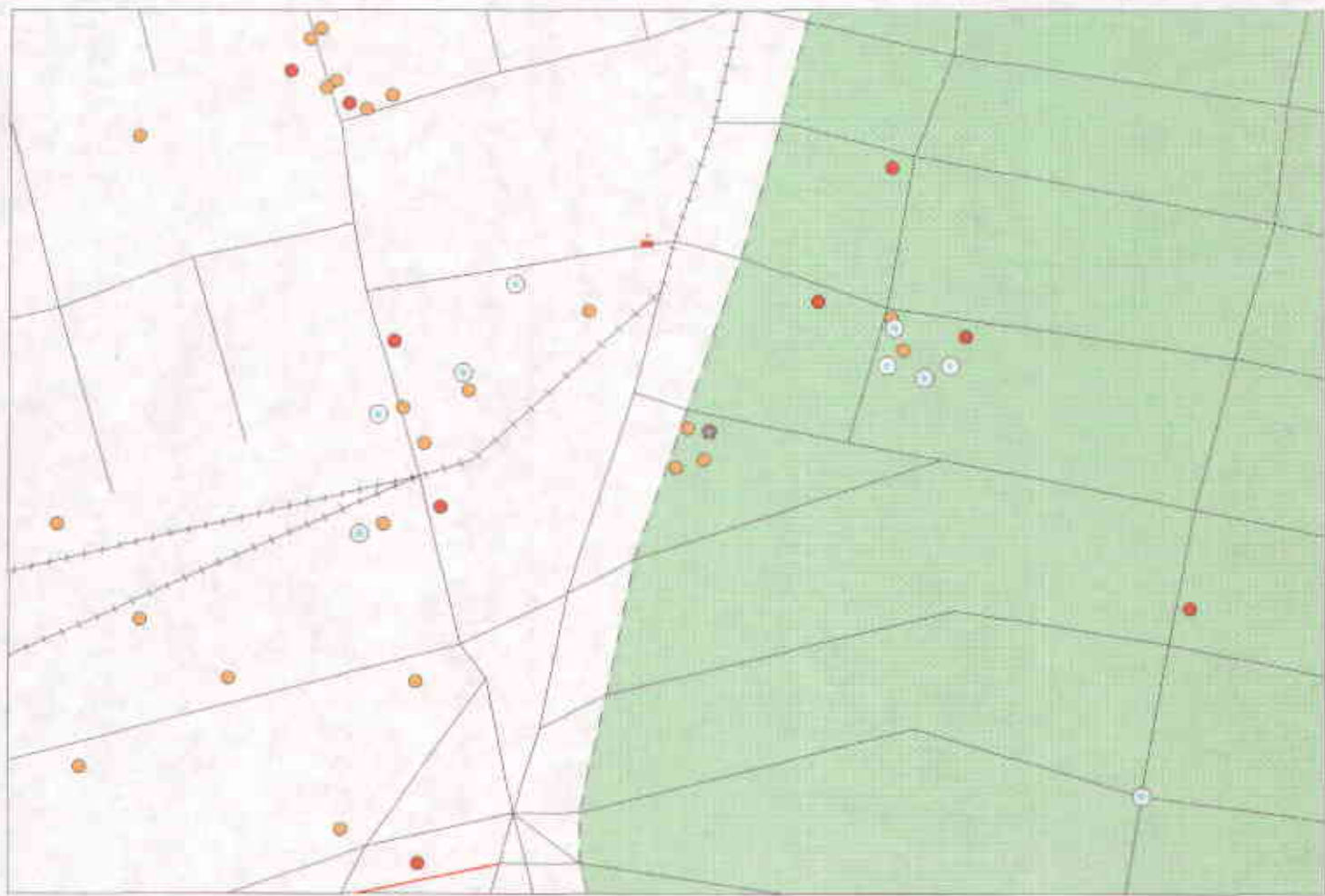
10-9-98



Fidelity Roof
1075-40th
Oakland

10-9-98





ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



October 9, 1998

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075 - 40th Street
Oakland, CA 94608

ENVIRONMENTAL HEALTH SERVICES

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

RE: Fidelity Roof Company, 1075 - 40th Street, Oakland

Dear Mr. Upshaw:

Thank you for our receipt of the September 28, 1998 All Environmental, Inc. (AEI) work plan for the next phase of the investigation at the subject site. AEI proposes the installation of six (6) "Geoprobe" soil borings in locations within and just south of the site, along Yerba Buena Avenue. The results of this phase of work will help guide any additional work required to adequately assess the extent of the impact and prepare an appropriate corrective action plan (CAP).

The cited AEI work plan has been accepted with the following changes:

1. Groundwater samples are to be collected from the completed boreholes using a device that will minimize the potential for the agitation of formation water and loss of volatile constituents in collected samples. For example, a "mini" bailer is such a device, while a peristaltic pump is not.
2. An additional borehole shall be emplaced immediately east of the driveway leading into the site, along a similar alignment as SB-1 and SB-6, about 50' or so east of SB-1. You may substitute this location for that of proposed boreholes SB-3 or SB-4.

Please call me at (510) 567-6783 when fieldwork has been scheduled.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Dave Deaner, SWRCB UST Fund
Jennifer Pucci, All Environmental, Inc.
901 Moraga Rd., Lafayette, CA 94549-4567

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



CERTIFIED MAILER # P 143 589 267

September 24, 1998

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075 - 40th Street
Oakland, CA 94608

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9335 (FAX)

FINAL NOTICE OF VIOLATION

RE: Fidelity Roof Company, 1075 - 40th Street, Oakland

Dear Mr. Upshaw:

In correspondence from this office dated July 9, 1998, you were issued a Notice of Violation for your failure to submit a work plan for the continued assessment of the underground storage tank (UST) release at your site. This work plan was requested in previous correspondence dated March 18, 1998. You were initially given 60, and then 15, days to submit this work plan. To date, no work plan has been received by this office.

Please be advised that you continue to be in violation of Article 11, Section 2720 et seq., Title 23, California Code of Regulations (CCR). California Health & Safety Code Section 25299 provides for penalties of up to \$5000 per day per violation upon conviction.

This case will be referred to the Alameda County District Attorney's Office for enforcement action should the requested work plan not be received by the close of business on Monday, October 5, 1998.

Please call me at (510) 567-6783 should you have any questions or if I can be of assistance to you in meeting this submittal deadline.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Larry Blazer, Alameda County District Attorney's Office
Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Dave Deaner, SWRCB UST Fund

S. Seery P 143 589 267
#3341

US Postal Service
Receipt for Certified Mail

No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to Mr. Monte Upshaw Fidelity Roof Company	
Street & Number 1075 - 40th Street	
Post Office, State, & ZIP Code Oakland CA 94608	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Is your RETURN ADDRESS completed on the reverse side?

SENDER:

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

1. Addressee's Address
2. Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to: S.O.S #3341

Mr. Monte Upshaw
Fidelity Roof Company
1075 - 40th Street
Oakland CA 94608

4a. Article Number
P 143 589 267

4b. Service Type

<input type="checkbox"/> Registered	<input checked="" type="checkbox"/> Certified
<input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured
<input type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> COD

7. Date of Delivery

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

Monte Upshaw

8. Addressee's Address (Only if requested and fee is paid)

PS Form 3811, December 1994

102595-97-B-0179

Domestic Return Receipt

Thank you for using Return Receipt Service.

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

CERTIFIED MAILER #

July 9, 1998

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075 - 40th Street
Oakland, CA 94608

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

(510) 337-9335 (FAX)

NOTICE OF VIOLATION

RE: Fidelity Roof Company, 1075 - 40th Street, Oakland

Dear Mr. Upshaw:

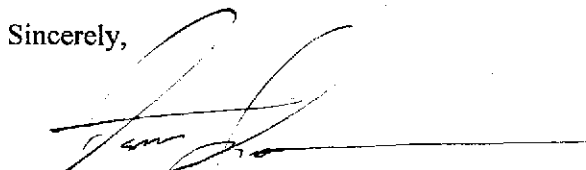
In correspondence from this office dated March 18, 1998, you were directed to submit a work plan for the continued assessment of the underground storage tank (UST) release at the subject Oakland site. You were given 60 days to submit this work plan. To date, no work plan has been received by this office.

Please be advised that you are currently in violation of provisions of Article 11, Section 2720 et seq., Title 23, California Code of Regulations (CCR). Please be further advised that California Health & Safety Code Section 25299 provides for penalties of up to \$5000 per day per violation upon conviction.

You are directed to submit the subject workplan within 15 days of the date of this letter. Failure to do so may result in the referral of this case to the appropriate enforcement agency. Additionally, such noncompliance will preclude you from eligibility for reimbursement from the State UST Fund.

Please call me at (510) 567-6783 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Larry Blazer, Alameda County District Attorney's Office
Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Dave Deaner, SWRCB UST Fund

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



CERTIFIED MAILER #

P 368 729 381

ENVIRONMENTAL HEALTH SERVICES

1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
(510) 307-9035 (FAX)

July 9, 1998

STID 3341

Mr. Monte Upshaw
Fidelity Roof Company
1075 - 40th Street
Oakland, CA 94608

NOTICE OF VIOLATION

RE: Fidelity Roof Company, 1075 - 40th Street, Oakland

Dear Mr. Upshaw:

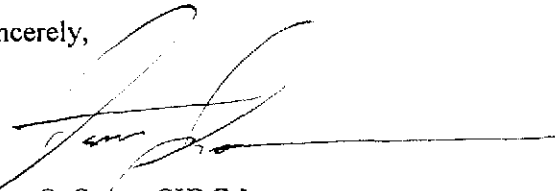
In correspondence from this office dated March 18, 1998, you were directed to submit a work plan for the continued assessment of the underground storage tank (UST) release at the subject Oakland site. You were given 60 days to submit this work plan. To date, no work plan has been received by this office.

Please be advised that you are currently in violation of provisions of Article 11, Section 2720 et seq., Title 23, California Code of Regulations (CCR). Please be further advised that California Health & Safety Code Section 25299 provides for penalties of up to \$5000 per day per violation upon conviction.

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Please call me at (510) 567-6783 should you have any questions.

Sincerely,


Scott O. Seery, CHMM
Hazardous Materials Specialist

cc: Mee Ling Tung, Director, Environmental Health
Larry Blazer, Alameda County District Attorney's Office
Chuck Headlee, RWQCB
Leroy Griffin, Oakland Fire Department
Dave Deaner, SWRCB UST Fund

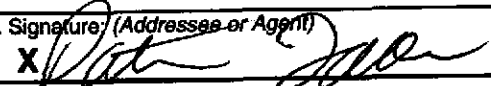
SOS
#3341 P 368 729 381

US Postal Service
Receipt for Certified Mail
No Insurance Coverage Provided.
Do not use for International Mail (See reverse)

Sent to Mr. Monte Upshaw	
Fidelity Roof Company	
Street & Number 1075 - 40th Street	
Post Office, State, & ZIP Code Oakland CA 94608	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
TOTAL Postage & Fees	\$
Postmark or Date	

PS Form 3800, April 1995

Is your RETURN ADDRESS completed on the reverse side?

SENDER: ■ Complete items 1 and/or 2 for additional services. ■ Complete Items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.	
3. Article Addressed to: S. Seery #3341 Mr. Monte Upshaw Fidelity Roof Company 1075 - 40th Street Oakland CA 94608		4a. Article Number P 368 729 381	
5. Received By: (Print Name)		4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
6. Signature (Addressee or Agent) 		7. Date of Delivery	
8. Addressee's Address (Only if requested and fee is paid)		Thank you for using Return Receipt Service.	

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



March 18, 1998

STID 3341

re: 1075 - 40th St., Oakland, CA 94608

Monte Upshaw
Fidelity Roof Company
1075 - 40th St.
Oakland, CA 94608

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

Dear Mr. Upshaw:

This office has received and reviewed a Quarterly Groundwater Monitoring Report for the Fourth Quarter 1997, dated January 16, 1998 by All Environmental, Inc. for the above site. The following are comments concerning this report and your site:

1. There is still significant contamination of TPHg as high as ~~5,500~~ ^{29,000} ppb and benzene as high as ~~340~~ ⁵⁶⁰⁰ ppb in MW-3, the down-gradient well. Therefore, the extent of contamination is not defined. → as of 1/98

2. This office has looked at other sites in the area and the nearest site down-gradient is in Emeryville and over 2 blocks away. Therefore, you are required to conduct further investigation to define the lateral extent of contamination.

3. You are directed to submit a workplan, within 60 days, to define the extent of contamination from petroleum in the down-gradient direction from MW-3.

If you have any questions please call me at (510) 567-6782.

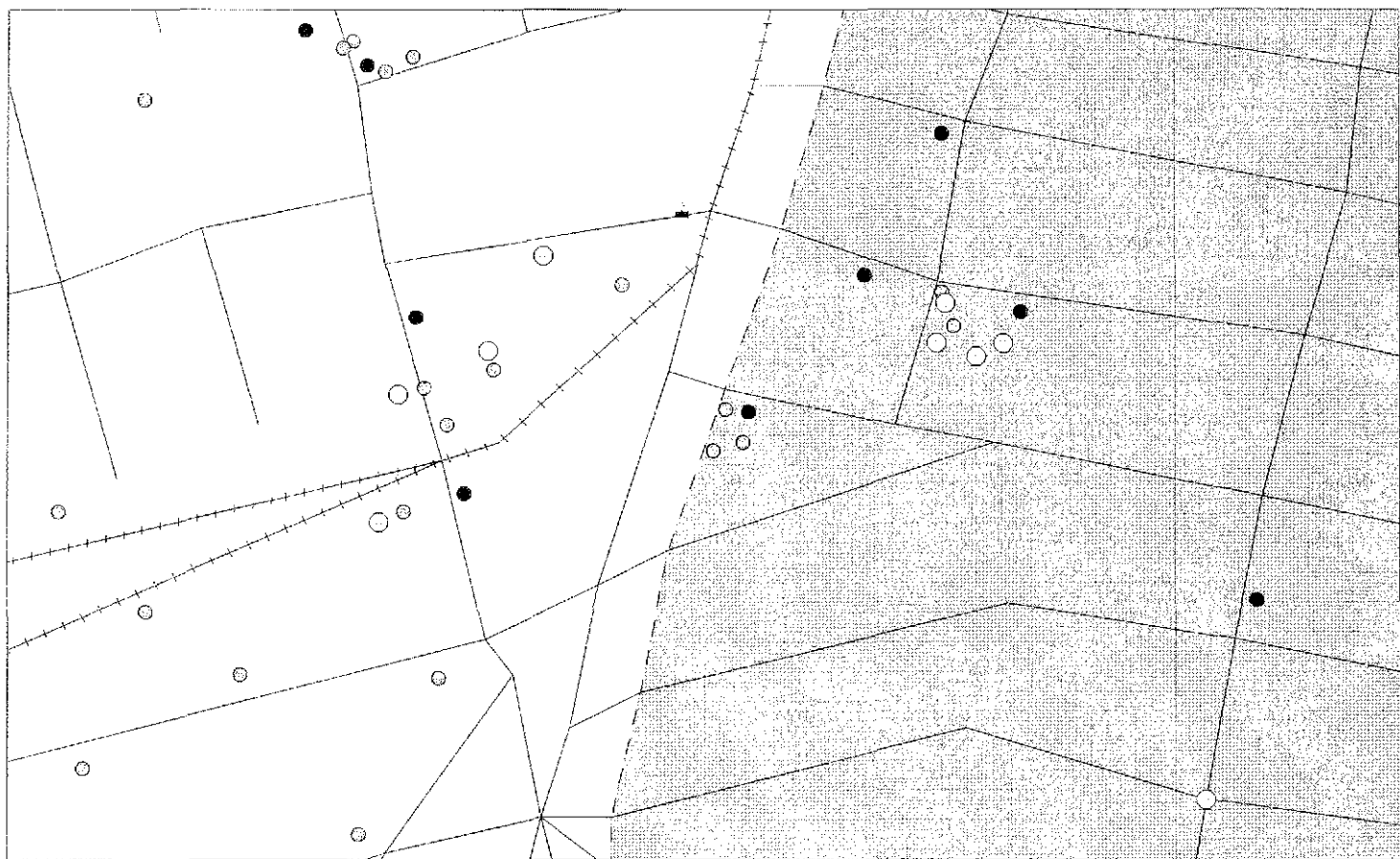
Sincerely,

Thomas F. Peacock, Manager
Division of Environmental Protection

c: Jennifer Pucci, All Environmental, 3364 Mt. Diablo Blvd.,
Lafayette, CA 94583
Dick Pantages, Chief - files
LeRoy Griffin, City of Oakland Hazardous Materials

Emerysville

Oakland



*(9/4/90

StLookUp.cmd

StLookUp lets users look up sites by computer and print site ~~brief~~ lists.
4/ 8/86 Add UGT Full Rpt in Menu Item #6 MK

OUTPUT SCREEN

SET BELL OFF

SET NULL " "

SET ZERO off

SET LINES 23

SET V LookUpBy Int vptr text init text vmsg text vchar int vchar text

set v vLU integer tLU text

SET ERROR MESSAGES On

SET ERROR VAR oops

SET v vAgain text

set v vAgain = Y

IF init fails THEN

fillin init using "Please type in your initials: "

ELSE

set v vchar to (SGET(.init,1,1))

set v vchar to (ICHAR(.vchar))

IF vchar < 65 THEN

*(ASCII 65=A --> before letters)

fillin init using " #2 Please type in your initials: "

ENDIF

ENDIF

set v vmsg to ("Print out sent by:" & .init)

WHILE vAgain = Y THEN

cls from 20

Choose LookUpBy from StLookUp.mnu at 12

cls

IF LookUpBy >= 1 and LookUpBy <= 5 THEN

write "TO CHOOSE: SCREEN ONLY or SCREEN and PRINTER BOTH"

write " ===== " hit <enter> hit 'y' "

fil vptr=0 usi " hit <enter>

SET v vLU int vLU1 text vLU2 text

IF LookUpBy = 1 or LookUpBy = 2 or LookUpBy = 3 THEN

IF LookUpBy = 1 THEN *(by Street #)

FILLIN vLU Using "TYPE THE STREET #: " at 5,10

WRITE "Relax & wait, preparing data. . ."

IF vPtr = y THEN

out printer with screen

write .vmsg

Print StBrief1 sorted by strstadd where numstadd = .vLU

ELSE *(Screen only)

Sel StID=4 (SGET('StName',20,1))=20 ('tNum' & 'dirstadd' & 'strstadd')=20 +

(SGET(stcity,6,1))=6 stzip=5 GEN=1 BPla=1 UGT=1 Storm=1 +

DepR=1 LOP=1 fro StatAddr SORT BY StCity StrStAdd where NumStAdd = .vLU

ENDIF

out screen

ELSE *(end LookUpBy = 1)

IF LookUpBy = 3 THEN *(by Name)

FILLIN vLU1 Using "TYPE A 6 CHARACTER STRING IN NAME: " at 5,10

WRITE "Relax & wait, preparing data. . ."

set v vLU2 to (SGET(.vLU1,6,1))

IF vPtr = y THEN

out printer with screen

write .vmsg

Print StBrief1 sorted by StName where StName cont .vLU2

ELSE *(Screen only)

Sel StID=4 (SGET('StName',20,1))=20 ('tNum' & 'dirstadd' & 'strstadd')=20 +

(SGET(stcity,6,1))=6 stzip=5 GEN=1 BPla=1 UGT=1 Storm=1 +

DepR=1 LOP=1 from StatAddr SORTED BY StName where StName cont .vLU2

ENDIF

out screen

ELSE *(end LookUpBy=3, begin LookUpBy = 2) *(by StID)

FILLIN vLU Using "TYPE THE StID#: " at 5,10

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

StId 3341/lop
June 12, 1997

Monte Upshaw
Fidelity Roof Company
1075 - 40th St
Oakland CA 94608

ENVIRONMENTAL HEALTH SERVICES

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

Subject: Investigations at 1075 - 40th St., Oakland CA 94608

Dear Mr. Upshaw:

This office has reviewed All Environmental, Inc.'s *Monitoring Well Installation and Quarterly Groundwater Monitoring Report (First Quarter, 1997)* dated May 30, 1997. This report describes the installation and sampling of three groundwater monitoring wells (MW-1, MW-2, and MW-3) at the subject site.

Please begin quarterly monitoring of all on-site monitoring wells. Ground water elevations and corresponding gradient determinations are to be conducted monthly for 12 consecutive months and then quarterly thereafter until this site qualifies for closure. Gradient maps for each event are to be presented in commensurate quarterly reports. A report of each quarterly monitoring event is due to this office the first day of the second month of each subsequent quarter until this site qualifies for final RWQCB "sign-off". **The next quarterly report is due to this office no later than August 1, 1997.**

Based on the results of the initial groundwater samples, it appears that the extent of groundwater contamination has *not* been defined at this site. One or two additional rounds of quarterly monitoring data and monthly gradient determinations should be collected to assist in determining the extent and severity of ground water contamination. After this data is collected, you may be directed to submit a work plan to this office proposing to further delineate the extent of groundwater contamination and/or submit an evaluation of risk to human health and the environment associated with the potential exposures to gasoline contaminated soil and groundwater at this site. The ASTM ES 1739-95 Standard Guide for Risk-Based Corrective Action Applied at Petroleum Release Sites (RBCA) can be used to assist in completing this type of evaluation. For more information, please see the attached interim guidance document issued by the San Francisco Bay Area Regional Water Quality Control Board regarding required cleanup at underground storage tank fuel sites.

If you have any questions or comments, please contact me at (510) 567-6755.

Sincerely,

Amy Leech

Hazardous Materials Specialist

Attachment (1)

o: Attn: Jennifer Anderson, All Environmental Inc., 3364 Mt. Diablo Blvd, Lafayette, CA 94549
w/attachment

ALL-file

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



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

StId 3341

February 28, 1997

Monte Upshaw
Fidelity Roof Company
1075 - 40th St
Oakland CA 94608

Subject: Investigations at 1075 - 40th St., Oakland CA 94608

Dear Mr. Upshaw:

This office has reviewed the All Environmental, Inc.'s work plan dated February 24, 1997. This work plan proposes to install three groundwater monitoring wells at the subject site and to perform groundwater monitoring and sampling activities. This work plan is acceptable to this office with the following comments/additions:

- During the installation of the monitoring wells, soil samples are to be collected at five-foot-depth intervals, at any signs of contamination, any significant changes in lithology, and at the soil-groundwater interface. At least one soil sample must be analyzed per soil boring, including samples where contamination was observed and the soil sample collected from the capillary fringe.

Field work should commence within 30 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

Please notify me at least 72 hour before field work is to commence Thank you for your prompt attention to this matter. If you have any questions or comments, please contact me at (510) 567-6755.

Sincerely,

Amy Leech
Hazardous Materials Specialist

c: Attn: Jennifer Anderson, All Environmental Inc., 3364 Mt. Diablo Blvd, Lafayette, CA 94549
ALL-file

LES
2/28/97
**3391*

February 24, 1997
Project No. 1540

Ms. Amy Leech
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 1075 40th Street, Oakland, California

Dear Ms. Leech:

This letter is a proposed workplan for your review and approval for the soil boring and groundwater monitoring well installation to be performed at the above referenced site. All Environmental, Inc. (AEI) is providing environmental engineering consulting and construction services to Mr. Monte Upshaw of Fidelity Roof Company, and is submitting this letter on his behalf.

Site Description and Background

The subject property currently supports the operation of Fidelity Roof Company.

On December 19, 1995, Tank Protect Engineering removed one (1) 1,000 gallon underground storage tank (UST) and one (1) 500 gallon gasoline UST from the southeast corner of the property. The removal of the tanks produced a single excavation. The excavated soil was stockpiled north of the excavation. Three discrete soil samples were collected from beneath the USTs. Analysis of the samples indicated that soil beneath the 1,000 gallon UST was impacted with minor concentrations of total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, benzene, toluene, ethylbenzene and xylene (BTEX) and methyl tertiary butyl ether (MTBE). A single soil sample collected from beneath the 500 gallon UST indicated 100 ppm TPH as gasoline and 96 ppm TPH as diesel present. BTEX was present at concentrations of 2.0 ppm, 0.26 ppm, 1.9 ppm and 8.0 ppm, respectively. MTBE was not present above the detection limit of 0.30 ppm.

Four discrete soil samples were collected from the excavated soil. The samples were analyzed as one composite sample. TPH as gasoline and TPH as diesel were present within the representative sample at concentrations of 580 ppm and 120 ppm, respectively. BTEX concentrations were 2.3 ppm, 11 ppm, 6.8 ppm and 47 ppm, respectively. MTBE was not detected within the composite stockpile soil sample.

As requested by Alameda County Health Care Services Agency (ACHCSA), AEI issued a workplan on August 28, 1996 designed to define the extent and magnitude of petroleum hydrocarbon contamination in the vicinity of the former USTs. On September 11, 1996, Ms. Susan Hugo of the ACHCSA approved the workplan. On September 12, 1996, AEI advanced four soil borings in the vicinity of the former UST excavation (Phase II Soil and Groundwater Investigation, October 7, 1996). Soil samples were collected from all of the borings and groundwater samples were collected from two of the borings.

Corporate Headquarters:

3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Phone: (510) 283-6000
Fax: (510) 283-6121

Sacramento Office:

5524 Assembly Ct., Suite 10
Sacramento, CA 95823
Phone: (916) 429-0776
Fax: (916) 424-0182

Los Angeles Office:

111 N. Sepulveda Blvd., #250
Manhattan Beach, CA 90266
Phone: (310) 328-8878
Fax: (310) 798-2841

Ms. Amy Leech
Alameda County Health Care Services Agency
February 24, 1997
Project No. 1540
Page 2

Analytical results from the subsurface investigation revealed significant levels of gasoline and diesel contamination present in soil to the south and west of the open excavation and in the groundwater below the site. This soil contamination was believed to extend beneath the existing pump island. Based upon information obtained during the Phase II Subsurface Investigation, AEI recommended additional excavation of soil from south of the UST excavation and in the vicinity of the pump island. Moderate concentrations of petroleum hydrocarbons were present in the soil to the east of the excavation. However AEI did not recommend additional excavation in this area due to the potential undermining of the existing building. Concentrations present in the soil north of the excavation did not warrant the removal of additional soil.

During the Phase II Subsurface Investigation, AEI collected soil samples from the stockpiled soil in order to determine the soil's suitability as backfill. A total of four discrete soil samples were collected and combined by the laboratory into one composite sample for analysis. Analysis of the sample indicated the presence of 3.8 ppm TPH as gasoline, 28 ppm TPH as diesel and minor concentrations of benzene, toluene, ethylbenzene and xylenes (BTEX). Approval was obtained from Ms. Hugo to reuse the stockpiled soil as backfill material.

On October 25, 1996, AEI extended the excavation to the south and east (Excavation and Disposal of Contaminated Soil Report, January 7, 1997). Confirmation soil samples were collected from the sidewalls of the excavation. The soil samples indicated that the majority of petroleum hydrocarbon contaminated soil was removed. A soil sample collected from the west excavation wall has up to 150 ppm TPH as gasoline, 300 ppm TPH as diesel and 13 ppm benzene present. However, these concentrations decreased significantly four feet west of the sidewall sample as indicated from soil boring analytical results.

The contaminated soil was stockpiled on-site and profiled for disposal into a Class III Landfill. On November 27 and November 29, 1996, 235 tons of soil was loaded and transported to the BFI Vasco Road Sanitary Landfill for disposal. The excavation was backfilled with the original tank removal stockpile and clean imported fill material.

Because of the elevated concentrations of petroleum hydrocarbons in the groundwater, ACHCSA has requested the following workplan to investigate the extent and magnitude of groundwater contamination present in the vicinity of the former tank excavation.

Scope of Work

AEI proposes to install three groundwater monitoring wells at the site in order to obtain information on groundwater elevations, gradients and petroleum hydrocarbon contamination. Refer to the attached site drawing for the proposed groundwater monitoring well locations.

A Mobile B-57 or CME 75 hydraulic rotary drill with 6.25" I.D. by 10.5" O.D. hollow stem augers will be used. Drilling will proceed to first encountered groundwater plus 15 feet, most likely corresponding to a depth of approximately 25 feet bgs. In the unlikely event that groundwater is not encountered in the first 50 feet of strata, the borings will be backfilled with neat portland cement.

Ms. Amy Leech
Alameda County Health Care Services Agency
February 24, 1997
Project No. 1540
Page 3

The soil borings will be continuously logged on-site by a professional geologist using the Unified Soil Classification System. Undisturbed soil samples will be collected at 5 foot intervals, starting at 5 feet bgs, with a hammer-driven California Modified split spoon sampler. The sampler will be advanced ahead of the auger tip by successive hammer blows. The samples will be collected for visual classification and chemical analysis in two-inch diameter stainless steel tubes. One soil sample from each boring will be analyzed at a state certified laboratory. The soil samples selected for chemical testing will be determined by the geologist on-site at the time of sampling. Soil samples obtained during drilling will be screened in the field via sensory perceptions and portable organic vapor meter.

All soil samples will be secured using aluminum foil, teflon caps and sealed with duct tape. All samples will be put on ice and transported, under chain of custody procedures to McCampbell Analytical, Inc. of Pacheco, California. Soil samples will be analyzed for TPH as gasoline (EPA 5030/8015), TPH as diesel (EPA method 3550/8015), benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE (EPA method 5030/8020).

All sampling equipment will be cleaned in buckets with brushes and a TSP or Alconox solution, then rinsed twice with tap water. The drill rig and augers will be steam cleaned prior to drilling and on-site before departure. Rinsate will be contained on-site in sealed, labeled drums.

Cuttings generated during drilling will be stored on-site in 55 gallon drums. On-site treatment or off-site disposal of contaminated drill cuttings is not a part of this work scope. It is likely that a licensed hauler will be contracted to transport the soils as non-hazardous waste, under appropriate manifests, to a local landfill facility.

The soil borings, as described above, will be converted to 2" monitoring wells. The wells will be constructed of 2" flush threaded Schedule 40 PVC casing, with up to 15 feet of .01" or .02" factory-slotted well screen. The top of each well screen will extend up to 3 feet above the encountered groundwater level to account for seasonal fluctuations. The well casings will be inserted through the augers to a point a few inches above the borehole terminus where it will be suspended until the well is secured within the sand pack. Sand (#2 or #3) will be poured through the augers in one- to two-foot lifts up to about two feet above the top of the perforated casing. One to two feet of bentonite pellets will be placed above the sand and activated with tap water. The seal will be finished up to the surface with tremmed cement/bentonite grout. A locking top cap and a flush-mounted watertight well cover will be installed.

The wells will be developed by bailing of water into a DOT 17H drum until the water appears to be reasonably clear with a minimum of 10 well volumes removed. Well development will take place no less than 72 hours after installation of the wells. A surveyor will determine the elevations of the monitoring wells based on an established benchmark. As per ACHCSA request, groundwater level measurements will be collected monthly for the first three months.

The wells will be sampled on a quarterly basis for a period of one year. Prior to obtaining water samples from the monitoring wells, no less than 5 well volumes of water will be bailed from the well. Groundwater will be checked for sheen and free product prior to purging and sampling. Samples will be obtained in a precleaned bailer, secured in 40 ml volatile organic analysis vials or amber liter bottles, placed in a cooler with wet ice and transported, under chain of custody procedures to McCampbell Analytical, Inc. of Pacheco, California. Water samples will be analyzed for TPH as gasoline (EPA 5030/8015), TPH as diesel (EPA method 3550/8015), benzene, toluene, ethylbenzene, xylenes (BTEX), and MTBE (EPA method 5030/8020).


Ms. Amy Leech
Alameda County Health Care Services Agency
February 24, 1997
Project No. 1540
Page 4

AEI requests your approval to proceed with this project. AEI is eager to complete this work as soon as possible. Please let me know if you need additional information and please do not hesitate to call me at (510) 283-6000 if you have any questions.

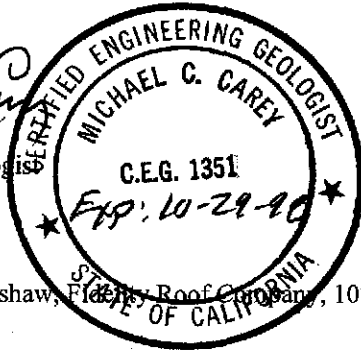
Sincerely,



Jennifer Anderson
Project Manager



Michael Carey
Engineering Geologist
CEG 1351

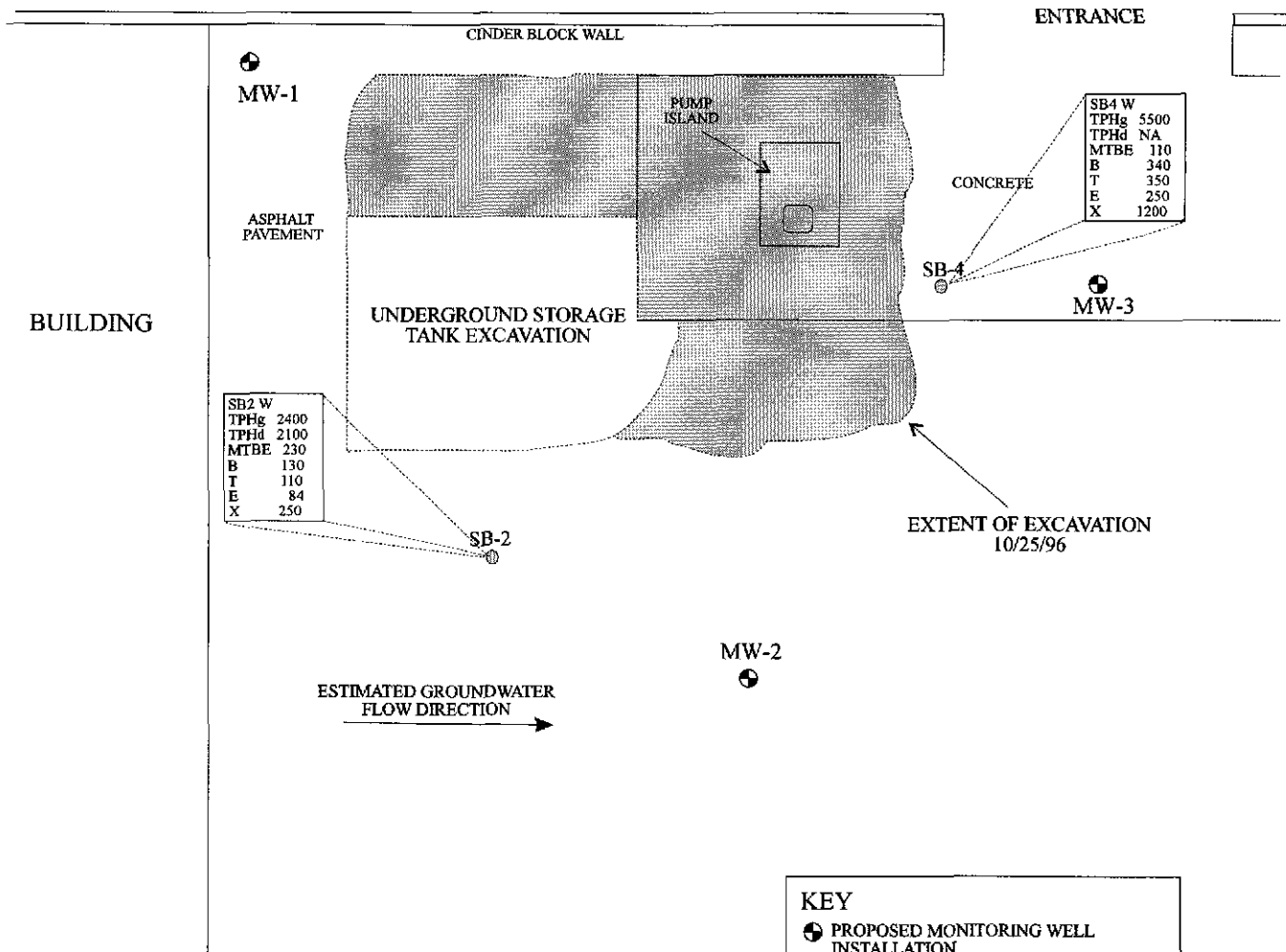


cc: Mr. Monte Upshaw, Fidelity Roof Company, 1075 40th Street, Oakland, CA 94608

Attachment

YERBA BUENA AVENUE

← TO 40th STREET



MW-1

SB2 W
 TPHg 2400
 TPHd 2100
 MTBE 230
 B 130
 T 110
 E 84
 X 250

CINDER BLOCK WALL

PUMP ISLAND

ENTRANCE

SB4 W
 TPHg 5500
 TPHd NA
 MTBE 110
 B 340
 T 350
 E 250
 X 1200

CONCRETE

SB-4

MW-3

BUILDING

UNDERGROUND STORAGE TANK EXCAVATION

EXTENT OF EXCAVATION 10/25/96

MW-2

ESTIMATED GROUNDWATER FLOW DIRECTION →



KEY

- ⊕ PROPOSED MONITORING WELL INSTALLATION
- ⊙ SOIL BORING LOCATION ADVANCED 9/12/96
- ▨ AREA OF PREVIOUS EXCAVATION

TPHg Total Petroleum Hydrocarbons as gasoline
 TPHd Total Petroleum Hydrocarbons as diesel
 B Benzene
 T Toluene
 E Ethylbenzene
 X Xylenes
 MTBE Methyl Tertiary Butyl Ether
 NA Not Analyzed

*All Analysis in ug/L or ppb

ALL ENVIRONMENTAL, INC.		
3364 MT. DIABLO BOULEVARD, LAFAYETTE		
SCALE: 1 IN = 10 FT	APPROVED BY:	DRAWN BY: J.S. ANDERSON
DATE: 24 FEBRUARY '97		REVISED: J.S. ANDERSON
PROPOSED GROUNDWATER MONITORING WELL LOCATION MAP		
1075 40th STREET OAKLAND, CALIFORNIA		DRAWING NUMBER:

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

Std 3341

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

February 18, 1997

Monte Upshaw
Fidelity Roof Company
1075 - 40th St
Oakland CA 94608

Subject: Investigations at 1075 - 40th St., Oakland CA 94608

Dear Mr. Upshaw:

This office has reviewed the following reports submitted by All Environmental, Inc.:

- *Phase II Soil and Groundwater Investigation Report*, dated October 7, 1996
- *Excavation and Disposal of Contaminated Soil Report*, dated January 7, 1997

These reports describe investigations completed at the subject site to assess the extent and severity of soil and groundwater contamination as a result of past release(s) from the two former underground storage tanks that were removed in December 1995.

The extent of soil contamination was identified during the excavation of contaminated soil in October 25, 1996. Approximately 235 tons of contaminated soil was reportedly excavated and removed in the vicinity of the former tank pit and associated fuel dispenser island. Up to 150 ppm TPH as gasoline, 300 ppm TPH as diesel, and 16 ppm benzene were identified in confirmatory soil sample SWW at 9 feet below ground surface at the perimeter of the excavation. However because low levels of benzene were detected directly west of sample SWW at boring S-4, the "hot spot" identified by the sample collected from SWW appears to be localized.

Elevated levels of petroleum hydrocarbons (up to 5,500 ppb TPH as gasoline, 2,100 ppb TPH as diesel, and 340 ppb benzene, 350 ppb toluene, 250 ppb, ethylbenzene, and 1,200 ppb xylenes) were identified in "grab" groundwater samples collected from borings SB-2 and SB-4 in October 7, 1996. The extent of groundwater contamination was not identified during these investigations.

Please submit a work plan to investigate the extent and severity of groundwater contamination at this site. The following elements should be incorporated into the work plan proposal.

- o At least one permanent ground water monitoring well must be installed within 10 feet of the observed soil contamination, oriented in the confirmed downgradient direction relative to groundwater flow. In the absence of neighboring monitoring wells located within 100 feet of the site, or any other data identifying the confirmed downgradient direction, a minimum of three wells will be required to verify gradient direction. During the installation of these wells, soil samples are to be collected at five-foot-depth intervals and any significant changes in lithology.
- o Subsequent to the installation of the monitoring wells, these wells must be **surveyed to an established benchmark**, (i.e., Mean Sea Level) with an accuracy of 0.01 foot. Ground water

Upshaw
Re: 1075 - 40th St
February 18, 1997
Page 2 of 3

samples are to be collected and analyzed quarterly, and water level measurements are **to be collected monthly for the first three months**, and then quarterly thereafter. If the initial ground water elevation contours indicate that ground water flow directions vary greatly then you will be required to continue monthly water level measurements until the ground water gradient behavior is known. **Both soil and ground water samples must be analyzed for TPHg, TPHd, BTEX, and MTBE.**

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

In order to properly conduct a site investigation, you are required to obtain professional services of a reputable environmental consultant. **All reports and proposals must be submitted under seal of a California-Registered Geologist, -Certified Engineering Geologist, or -Registered Civil Engineer.**

The requested work plan proposal is due to this office by April 21, 1997. Once the proposal is approved, field work should commence within 30 days. A report must be submitted within 45 days after the completion of this phase of work at the site. Subsequent reports are to be submitted quarterly until this site qualifies for final RWQCB "sign-off". Such quarterly reports are due the first day of the second month of each subsequent quarter.

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

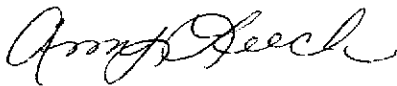
- o Details and results of all work performed during the designated period of time: records of field observations and data, boring and well construction logs, water level data, chain-of-custody forms, laboratory results for all samples collected and analyzed, tabulations of free product thicknesses and dissolved fractions, etc. —
- o Status of ground water contamination characterization.
- o Interpretations of results: water level contour maps showing gradients, free and dissolved product plume definition maps for each target component, geologic cross sections, etc.
- o Recommendations or plans for additional investigative work or remediation.
- o In light of the San Francisco Bay Regional Water Quality Control Board's (RWQCB) *Interim Guidance on Required Cleanup at Low Risk Fuel Sites* (see copy attached), dated January 5, 1996, we request that the American Society for Testing and Materials (ASTM) guidance document entitled *Standard Guide for Risk-Based Corrective Action (RBCA) Applied at Petroleum Release Sites* (Designation: E 1739-95) be used as part of the site management strategy for this site.

Upshaw
Re: 1075 - 40th St
February 18, 1997
Page 3 of 3

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

The review of environmental assessment/investigations for the subject site has been transferred from Susan Hugo to the undersigned of this office. If you have any questions or comments, please contact me at (510) 567-6755.

Sincerely,



Amy Leech
Hazardous Materials Specialist

ATTACHMENT

c: Attn: Jennifer Anderson, All Environmental Inc., 3364 Mt. Diablo Blvd, Lafayette, CA 94549
w/attachment
ALL-file

ALAMEDA COUNTY, DEPARTMENT OF
 ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

II, III

white -env.health
 yellow -facility
 pink -files

Site ID # 334 Site Name Fidelity Roofing Today's Date 10/28/96

Site Address 1075 40th Street
 City Oakland Zip 94608 Phone _____

II.A BUSINESS PLANS (Title 19)

- ___ 1. Immediate Reporting 2703
- ___ 2. Bus. Plan Stds. 25503(b)
- ___ 3. RR Cars > 30 days 25503.7
- ___ 4. Inventory Information 25504(a)
- ___ 5. Inventory Complete 2730
- ___ 6. Emergency Response 25504(b)
- ___ 7. Training 25504(c)
- ___ 8. Deficiency 25505(a)
- ___ 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- ___ 10. Registration Form Filed 25533(a)
- ___ 11. Form Complete 25533(b)
- ___ 12. RMPP Contents 25534(c)
- ___ 13. Implement Sch. Req'd? (Y/N) _____
- ___ 14. OffSite Conseq. Assess. 25524(c)
- ___ 15. Probable Risk Assessment 25534(d)
- ___ 16. Persons Responsible 25534(g)
- ___ 17. Certification 25534(f)
- ___ 18. Exemption Request? (Y/N) _____
- ___ 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General**
- ___ 1. Permit Application 25284 (H&S)
- ___ 2. Pipeline Leak Detection 25292 (H&S)
- ___ 3. Records Maintenance 2712
- ___ 4. Release Report 2651
- ___ 5. Closure Plans 2670
- Monitoring for Existing Tanks**
- ___ 6. Method
- 1) Monthly Test
- 2) Daily Vadose
Semi-annual groundwater
One time soils
- 3) Daily Vadose
One time soils
Annual tank test
- 4) Monthly Gndwater
One time soils
- 5) Daily Inventory
Annual tank testing
Cont pipe leak det
Vadose/gndwater mon.
- 6) Daily Inventory
Annual tank testing
Cont pipe leak det
- 7) Weekly Tank Gauge
Annual tank testing
- 8) Annual Tank Testing
Daily Inventory
- 9) Other _____
- ___ 7. Precis Tank Test 2643
Date: _____
- ___ 8. Inventory Rec. 2644
- ___ 9. Soil Testing 2646
- ___ 10. Ground Water. 2647
- New Tanks**
- ___ 11. Monitor Plan 2632
- ___ 12. Access. Secure 2634
- ___ 13. Plans Submit 2711
Date: _____
- ___ 14. As Built 2635
Date: _____

___ MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- ___ I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- ___ II. Business Plans, Acute Hazardous Materials
- ___ III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (HS&C)

Comments:
 On site: met Rusty Ray (AEI).
 Limited precautions near the location
 of dispenser is land. dispenser is land was
 removed. Verification soil samples
 collected along the walls.
 Stockpiled soil must be sampled &
 characterized for disposal & covered with
 tarpaulins. Excavation is limited to the south
 (corner wall), the east (building) & the
 west (driveway).
 need to investigate ^{impact to} groundwater

Contact: _____
 Title: _____
 Signature: _____

Inspector: _____
 Signature: Juan F. Hugo

II, III

Info on
back of
pictures

10/25/96



10/25/96 ST 103314
04618111090-24 1348 7856
On site - hot area
COPIES & ENLARGEMENTS CALL 800-421-1030
+ removal of dispenser cabinet



10/25/96 ST 103314
04618111090-24 1348 7856
COPIES & ENLARGEMENTS CALL 800-421-1030
Over site - hot area + dispenser cabinet
to avoid weather



10/25/96 ST 103314
04618111090-24 1348 7856
Over site - hot area
COPIES & ENLARGEMENTS CALL 800-421-1030
removal of old dispenser cabinet



10/25/96 ST 103314
04618111090-24 1348 7856
Over site - hot area
COPIES & ENLARGEMENTS CALL 800-421-1030
removal dispenser cabinet

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK) / CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I HAVE DISTRIBUTED THIS INFORMATION ACCORDING TO THE DISTRIBUTION SHOWN ON THE INSTRUCTION SHEET ON THE BACK PAGE OF THIS FORM.	
REPORT DATE 1 <u>M</u> 0 <u>M</u> 1 <u>D</u> 0 <u>D</u> 9 <u>Y</u> 6 <u>V</u>		CASE # _____		SIGNED: <i>Jessie F. Hugo</i> DATE: 10/25/96	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Jennifer Anderson		PHONE (510) 283-6000		SIGNATURE <i>J. Anderson</i>
	REPRESENTING <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> OTHER _____		COMPANY OR AGENCY NAME All Environmental, Inc.		
	ADDRESS 3364 Mt. Diablo Blvd., Lafayette, CA 94549				
RESPONSIBLE PARTY	NAME Fidelity Roof Company <input type="checkbox"/> UNKNOWN		CONTACT PERSON Monte Upshaw		PHONE (510) 547-6330
	ADDRESS 1075 40th Street, Oakland, CA 94608				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) Fidelity Roof Company		OPERATOR Same		PHONE (510) 547-6330
	ADDRESS 1075 40th Street, Oakland, CA 94608				
	CROSS STREET Yerba Buena Avenue		Alameda COUNTY ZIP _____		
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Alameda County Health Care Services Agency		CONTACT PERSON Ms. Susan Hugo		PHONE (510) 567-6780
	REGIONAL BOARD San Francisco Bay		-----		PHONE (510) 286-1255
SUBSTANCES INVOLVED	(1) NAME Gasoline		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> UNKNOWN		
	(2) NAME Diesel		<input checked="" type="checkbox"/> UNKNOWN		
DISCOVERY/ABATEMENT	DATE DISCOVERED 1 <u>M</u> 2 <u>M</u> 1 <u>D</u> 9 <u>D</u> 9 <u>Y</u> 5 <u>V</u>		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input checked="" type="checkbox"/> TANK REMOVAL <input type="checkbox"/> OTHER _____		
	DATE DISCHARGE BEGAN _____ <input checked="" type="checkbox"/> UNKNOWN		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input checked="" type="checkbox"/> CLOSE TANK & REMOVE <input type="checkbox"/> REPAIR PIPING <input type="checkbox"/> REPAIR TANK <input type="checkbox"/> CLOSE TANK & FILL IN PLACE <input type="checkbox"/> CHANGE PROCEDURE <input type="checkbox"/> REPLACE TANK <input type="checkbox"/> OTHER _____		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE 1 <u>M</u> 2 <u>M</u> 1 <u>D</u> 9 <u>D</u> 9 <u>Y</u> 5 <u>V</u>				
SOURCE/ CAUSE	SOURCE OF DISCHARGE <input checked="" type="checkbox"/> TANK LEAK <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> PIPING LEAK <input type="checkbox"/> OTHER _____		CAUSE(S) <input type="checkbox"/> OVERFILL <input type="checkbox"/> RUPTURE/FAILURE <input type="checkbox"/> SPILL <input type="checkbox"/> CORROSION <input checked="" type="checkbox"/> UNKNOWN <input type="checkbox"/> OTHER _____		
	CASE TYPE <input type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> DRINKING WATER - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> NO ACTION TAKEN <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT WORKPLAN SUBMITTED <input type="checkbox"/> POLLUTION CHARACTERIZATION <input type="checkbox"/> LEAK BEING CONFIRMED <input type="checkbox"/> PRELIMINARY SITE ASSESSMENT UNDERWAY <input type="checkbox"/> POST CLEANUP MONITORING IN PROGRESS <input type="checkbox"/> REMEDIATION PLAN <input type="checkbox"/> CASE CLOSED (CLEANUP COMPLETED OR UNNECESSARY) <input checked="" type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input type="checkbox"/> CAP SITE (CD) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> OTHER (OT) _____				
COMMENTS	_____				

INSTRUCTIONS

EMERGENCY

Indicate whether emergency response personnel and equipment were involved at any time. If so, a Hazardous Material Incident Report should be filed with the State Office of Emergency Services (OES) at 2800 Meadowview Road, Sacramento, CA 95832. Copies of the OES report form may be obtained at your local underground storage tank permitting agency. Indicate whether the OES report has been filed as of the date of this report.

LOCAL AGENCY ONLY

To avoid duplicate notification pursuant to Health and Safety code Section 25180.5, a government employee should sign and date the form in this block. A signature here does not mean that the leak has been determined to pose a significant threat to human health or safety, only that notification procedures have been followed if required.

REPORTED BY

Enter your name, telephone number, and address. Indicate which party you represent and provide company or agency name.

RESPONSIBLE PARTY

Enter name, telephone number, contact person, and address of the party responsible for the leak. The responsible party would normally be the tank owner.

SITE LOCATION

Enter information regarding the tank facility. At a minimum, you must provide the facility name and full address.

IMPLEMENTING AGENCIES

Enter names of the local agency and Regional Water Quality Control Board involved.

SUBSTANCES INVOLVED

Enter the name and quantity lost of the hazardous substance involved. Room is provided for information on two substances if appropriate. If more than two substances leaked, list the two of most concern for cleanup.

DISCOVERY/ABATEMENT

Provide information regarding the discovery and abatement of the leak.

SOURCE/CAUSE

Indicate source(s) of leak. Check box(es) indicating cause of leak.

CASE TYPE

Indicate the case type category for this leak. Check one box only. Case type is based on the most sensitive resource affected. For example, if both soil and ground water have been affected, case type will be "Ground Water". Indicate "Drinking Water" only if one or more municipal or domestic water wells have actually been affected. A "Ground Water" designation does not imply that the affected water cannot be, or is not, used for drinking water, but only that water wells have not yet been affected. It is understood that case type may change upon further investigation.

CURRENT STATUS

Indicate the category which best describes the current status of the case. Check one box only. The response should be relative to the case type. For example, if case type is "Ground Water", case "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to soil. Descriptions of options follow:

Leak Being Repaired - No action has been taken by responsible party beyond initial report of leak.

Leak Being Confirmed - Leak suspected at site, but has not been confirmed.

Preliminary Site Assessment Workplan Submitted - workplan/proposal requested of/submitted by responsible party to determine whether ground water has been, or will be, impacted as a result of the release.

Preliminary Site Assessment Underway - implementation of workplan.

Pollution Characterization - responsible party is in the process of fully defining the extent of contamination in soil and ground water and assessing impacts on surface and/or ground water.

Remediation Plan - remediation plan submitted evaluating long term remediation options. Proposal and implementation schedule for appropriate remediation options also submitted.

Cleanup Underway - implementation of remediation plan.

Post Cleanup Monitoring in Progress - periodic ground water or other monitoring at site, as necessary, to verify and/or evaluate effectiveness of remedial activities.

Case Closed - regional board and local agency in concurrence that no further work is necessary at the site.

IMPORTANT: THE INFORMATION PROVIDED ON THIS FORM IS INTENDED FOR GENERAL STATISTICAL PURPOSES ONLY AND IS NOT TO BE CONSTRUED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY

REMEDIAL ACTION

Indicate which action have been used to cleanup or remediate the leak. Descriptions of options follow:

Cap Site - install horizontal impervious layer to reduce rainfall infiltration.

Containment Barrier - install vertical dike to block horizontal movement of contaminant.

Excavate and Dispose - remove contaminated soil and dispose in approved site.

Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming).

Remove From Product - remove floating product from water table.

Rasp and Treat Groundwater - generally employed to remove dissolved contaminants.

Enhanced Biodegradation - use of any available technology to promote bacterial decomposition of contaminants.

Replace Supply - provide alternative water supply to affected parties.

Treatment at Hookup - install water treatment devices at each dwelling or other place of use.

Vacuum Extract - use pumps or blowers to draw air through soil.

Vent Soil - bore holes in soil to allow volatilization of contaminants.

No Action Required - incident is minor, requiring no remedial action.

COMMENTS - Use this space to elaborate on any aspects of the incident.

SIGNATURE - Sign the form in the space provided.

DISTRIBUTION

If the form is completed by the tank owner or his agent, retain the last copy and forward the remaining copies intact to your local tank permitting agency for distribution.

1. Original - Local Tank Permitting Agency
2. State Water Resources Control Board, Division of Clean Water Programs, Underground Storage Tank Program, P.O. Box 94212, Sacramento, CA 94244-2120
3. Regional Water Quality Control Board
4. Local Health Officer and County Board of Supervisors or their designees to receive Proposition 65 notifications.
5. Owner/responsible party.

Table 1 - Soil Sample Analyses

Sample Identification	TPHg mg/kg	TPHd mg/kg	Benzene mg/kg	Toluene mg/kg	Ethyl-benzene mg/kg	Xylenes mg/kg	MTBE mg/kg	Lead mg/kg
SB-1, L-2, 10'	290	45	3.9	2.7	4.6	18	1.5	9.4
SB-2, L-2, 10'	3.4	<50	0.33	0.013	0.068	0.046	<0.05	5.4
SB-3, L-2, 10'	100	57	2.7	2.9	2.7	11	1.1	7.7
SB-4, L-2, 10'	100	41	0.37	0.28	1.5	6.9	0.24	11
STKP (1-4)	3.8	28	0.009	0.021	0.012	0.079	<1.0	NA
SWS 7'	920	180	<0.2	2.3	<0.2	21	<0.9	NA

Table 2 - Groundwater Sample Analyses

Sample Identification	TPHg ug/L	TPHd ug/L	Benzene ug/L	Toluene ug/L	Ethyl-benzene ug/L	Xylenes ug/L	MTBE ug/L	Lead mg/L
SB2 W	2400	2100	130	110	84	250	230	<0.2
SB4 W	5500	NA	340	350	250	1200	110	NA

Total Petroleum Hydrocarbons as gasoline = TPHg
 Total Petroleum Hydrocarbons as diesel = TPHd
 mg/kg = milligrams per kilogram (ppm)
 ug/L = micrograms per liter (ppb)
 mg/L = milligrams per liter (ppm)
 NA = Not Analyzed

ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

October 10, 1996

ENVIRONMENTAL
PROTECTION
96 OCT 11 PM 2:56

Ms. Susan Hugo
Alameda County Health Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

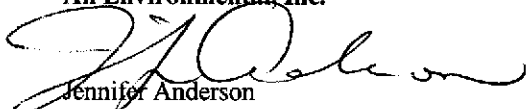
Re: 1075 40th Street, Oakland, California

Dear Ms. Susan Hugo:

Enclosed you will find a copy of the letter report detailing the Phase II subsurface investigation at the above referenced property.

Please review the report and if you have any questions don't hesitate to contact me at (510) 283-6000. Our client is anxious to complete any additional field work in order to close the excavation prior to the rainy season. Your quick response to the findings of the report would be greatly appreciated.

Sincerely,
All Environmental, Inc.


Jennifer Anderson
Project Manager

Corporate Headquarters:

3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Phone: (510) 283-6000

Los Angeles Office:

111 N. Sepulveda Blvd., #250
Manhattan Beach, CA 90266
Phone: (310) 328-8878

ALL ENVIRONMENTAL, INC.
 3364 Mt. Diablo Boulevard
 Lafayette, California 94549
 (510) 283-6000
 (510) 283-6121 FAX

STD 334

FAX TRANSMITTAL SHEET

TO: SUSAN HUGO

FAX NUMBER: (510) 337 9335

FROM: JENNIFER ANDERSON

MESSAGE: Workplan & H+S Plan

Please give me a call if you have
any questions.

Date: 9/11/96 No. of Pages (Including Cover Page): 11

ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

August 28, 1996
Project No. 1449

Ms. Susan Hugo
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 1075 40th Street, Oakland, California

Dear Ms. Hugo:

This letter is a proposed workplan for your review and approval for the soil and groundwater investigation to be performed at the above referenced site. All Environmental, Inc. (AEI) is providing environmental engineering consulting and construction services to Mr. Monte Upshaw, and is submitting this letter on his behalf.

Site Description and Background

The subject property currently supports the operation of Fidelity Roof Company.

In December, 1995, Tank Protect Engineering removed (1) 1000 gallon underground storage tank (UST) and (1) 500 gallon UST from the southwest corner of the property. Soil samples collected from beneath the 1,000 gallon UST indicated up to 8.7 ppm TPH as gasoline, 29 ppm MTBE, 0.77 ppm benzene, 0.71 ppm toluene, 0.18 ppm ethylbenzene, 0.77 ppm xylenes, 6.1 ppm lead and 29 ppm TPH as diesel. Soil samples collected from beneath the 500 gallon UST were impacted with 100 ppm TPH as gasoline, 1.4 ppm MTBE, 2.0 ppm benzene, 0.26 ppm toluene, 1.9 ppm ethylbenzene, 8.0 ppm xylenes, 4.9 ppm lead and 96 ppm TPH as diesel.

Samples were collected from the stockpiled soil generated from the removal of the USTs. Up to 580 ppm TPH as gasoline, 2.3 ppm benzene, 11.0 ppm toluene, 6.8 ppm ethylbenzene, 47 ppm xylenes, 42 ppm lead and 120 ppm TPH as diesel were present within the stockpiled soil.

Groundwater was not reportedly encountered during the tank removal activities. The UST excavation is currently open.

The following workplan describes the proposed soil and groundwater investigation to determine the lateral and vertical extent of petroleum hydrocarbon contamination within the soil and to assess whether or not the groundwater beneath the site is impacted.

Scope of Work

AEI proposes to advance four soil borings to a depth of approximately 20 feet below ground surface (bgs) or until first groundwater, whichever is encountered first. The soil borings will be advanced with a Geoprobe drilling rig ten (10) feet north, south, east and west of the former UST excavation. Refer to the attached site map for the soil boring locations.

The soil borings will be logged on-site by a professional geologist using the Unified Soil Classification System. Undisturbed soil samples will be collected at 5 foot intervals, starting at 5 feet bgs. The samples will be collected for visual classification and chemical analysis in 7/8-inch acetate liners. One soil sample

Corporate Headquarters:

3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Phone: (510) 283-6000

Los Angeles Office:

111 N. Sepulveda Blvd., #250
Manhattan Beach, CA 90266
Phone: (310) 328-8878

Ms. Susan Hugo
Alameda County Health Care Services Agency
August 28, 1996
Project No. 1449
Page 2

from each boring will be analyzed at a state certified laboratory. The soil samples selected for chemical testing will be determined by the geologist on-site at the time of sampling. Soil samples obtained during drilling will be screened in the field via sensory perceptions and portable organic vapor meter.

All soil samples will be secured using teflon tape and caps. All samples will be put on ice and transported, under chain of custody procedures to McCampbell Analytical, Inc. of Pacheco, California. Soil samples will be analyzed for TPH as gasoline (EPA 5030/8015), TPH as diesel (EPA method 3550/8015), benzene, toluene, ethylbenzene, xylenes (BTEX), MTBE (EPA method 5030/8020) and lead (AA).

A single groundwater sample will be collected from the soil boring advanced in the assumed downgradient location from the former UST excavation. The groundwater sample will be collected from the boring with a pre-cleaned stainless steel bailer. Groundwater will be placed in 1 liter bottles and voas and placed on ice for transport to McCampbell Analytical, Inc. The groundwater sample will be analyzed for TPH as gasoline (EPA 5030/8015), TPH as diesel (EPA method 3550/8015), benzene, toluene, ethylbenzene, xylenes (BTEX), MTBE (EPA method 5030/8020) and lead (dissolved).

Minimal cuttings are expected to be generated from the drilling. Any soil cuttings will be stored on-site in a 5 gallon covered bucket. On-site treatment or off-site disposal of contaminated drill cuttings is not a part of this work scope. It is likely that a licensed hauler will be contracted to transport the soils as non-hazardous waste, under appropriate manifests, to a local landfill facility.

AEI requests your approval to proceed with this project. AEI is eager to complete this work as soon as possible. Please let me know if you need additional information and please do not hesitate to call me at (510) 283-6000 if you have any questions.

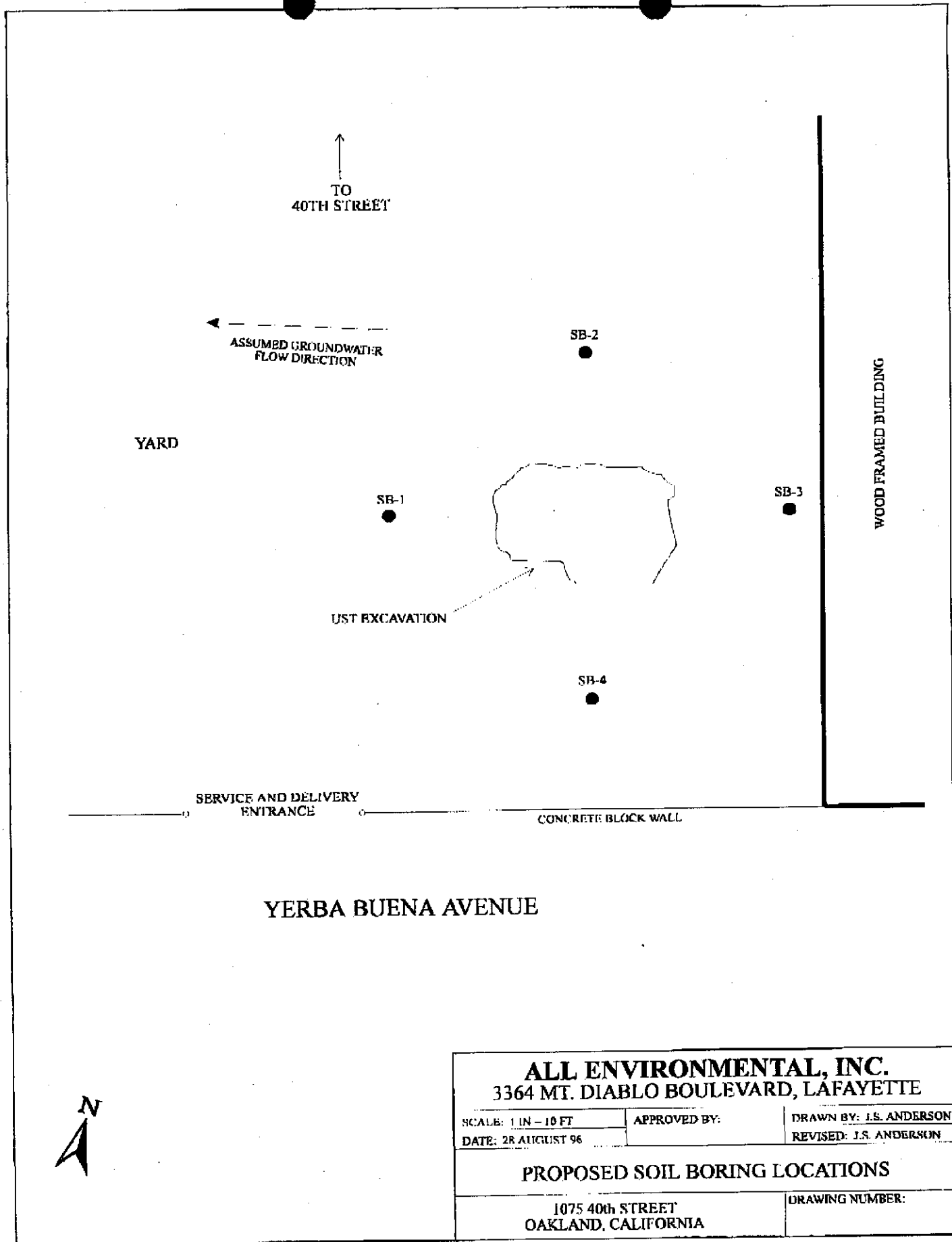
Sincerely,



Jennifer Anderson
Project Manager

cc: Mr. Monte Upshaw, Fidelity Roof Company, 1075 40th Street, Oakland, California 94608

Attachment



ALL ENVIRONMENTAL, INC.		
3364 MT. DIABLO BOULEVARD, LAFAYETTE		
SCALE: 1 IN = 10 FT	APPROVED BY:	DRAWN BY: J.S. ANDERSON
DATE: 28 AUGUST 96		REVISED: J.S. ANDERSON
PROPOSED SOIL BORING LOCATIONS		
1075 40th STREET OAKLAND, CALIFORNIA		DRAWING NUMBER:

ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

HEALTH AND SAFETY PLAN

for
1075 40th Street
Oakland, CA

Corporate Headquarters:

3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Phone: (510) 283-6000

Los Angeles Office:

111 N. Sepulveda Blvd., #250
Manhattan Beach, CA 90266
Phone: (310) 328-8878

D. HAZARD EVALUATION

Potential chemical hazards include skin and eye contact or inhalation exposure to potentially toxic concentrations of hydrocarbon vapors. The potential toxic compounds that may exist at the site are listed below with descriptions of specific health effects of each. The list includes the primary potential toxic constituents that may be found at sites which previously handled petroleum hydrocarbons, including home heating diesel fuel.

1. Benzene

- a. Colorless to light yellow, flammable liquid with an aromatic odor.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Exposure may irritate eyes, nose and respiratory system and may cause acute restlessness, convulsions, nausea, or depression. Benzene is carcinogenic.*
- d. Permissible exposure level (PEL) for a time weighted average (TWA) over an eight hour period is 1.0 ppm.

2. Toluene

- a. Colorless liquid with a sweet, pungent, benzene like odor.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Exposure may cause fatigue, weakness, confusion, euphoria, dizziness, headaches, dilated pupils, lacrimation, nervousness, insomnia, paresthesia, and dermatitis.
- d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

3. Xylene

- a. Colorless liquid with an aromatic odor.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Exposure may irritate eyes nose and throat and may cause dizziness, excitement, drowsiness, incoordination, corneal vacuolization, anorexia, nausea, vomiting, and dermatitis.
- d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

4. Ethylbenzene

- a. Colorless liquid with an aromatic odor.
- b. Toxic hazard by **inhalation, ingestion, and skin and/or eye contact.**
Ethylbenzene is carcinogenic.*
- c. Exposure may irritate eyes and mucous membrane and may cause headaches, dermatitis, narcosis and loss of consciousness.
- d. Permissible exposure level for a time weighted average over an eight hour period is 100 ppm.

* Known to the State of California to cause cancer.

5. Lead

- a. A heavy ductile soft grey metal.
- b. Toxic hazard by **inhalation, ingestion, and skin and/or eye contact.**
- c. Exposure may cause weakness, nausea, lassitude, diarrhea, insomnia, anorexia, inflamed mucous membranes and abdominal pains. Lead is carcinogenic.*
- d. Permissible exposure level for a time weighted average over an eight hour period is .05 ppb (in vapor).

6. Diesel

- a. Colorless to dark brown, combustible liquid with an aromatic odor
- b. Toxic hazard by **inhalation, ingestion, skin and/or eye contact.**
- c. Inhalation of vapors may depress the central nervous system, increasing reaction times, and decreasing pulse rate and blood pressure. Skin irritant.
- d. Occupational exposure limit 5.0 ppm (in vapor).

7. Gasoline

- a. Colorless liquid with a strong aromatic odor. Highly volatile and extremely flammable.
- b. Toxic hazard by **inhalation, adsorption, ingestion and skin and/or eye contact.**
- c. Inhalation of vapors can cause depression of the central nervous system with symptoms such as headache, dizziness, nausea, and loss of coordination. Skin contact can cause defatting of the skin, skin irritation and dermatitis. Benzene is a major constituent of gasoline.
- d. Permissible exposure level for a time weighted average over an eight hour period is 300 ppm.

8. Waste Oil

- a. Toxic hazard by **ingestion and possibly inhalation.**
- b. Prolonged contact may cause skin irritation and dermatitis. Waste oil may be carcinogenic.
- c. Waste oil may contain metals or toxic organics from thermal breakdown of the oil. In some cases, chlorinated solvents may be present.
- d. Permissible exposure level for a time weighted average over an eight hour period is 5 ppm (in vapor).

* Known to the State of California to cause cancer.

Jennifer Anderson has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines. A safe perimeter has been established at a five foot radius drilling end of the drill rig. These boundaries are identified by yellow caution tape and orange safety cones. Additional hazards on site include heavy equipment and overhead lifting equipment. Only 40-hour trained personnel will operate equipment or perform any duty associated with this project.

A FIRST AID KIT AND A 40 POUND BC FIRE EXTINGUISHER WILL BE AVAILABLE ON SITE.

EMERGENCY SERVICES ARE AVAILABLE BY DIALING 911 ON THE TELEPHONE LOCATED IN THE SITE MANAGER'S VEHICLE. THIS VEHICLE WILL BE ON SITE AT ALL TIMES.

E. PERSONAL PROTECTIVE CLOTHING

Based on evaluation of potential hazards, level "D" protective clothing has been designated as the appropriate protection for this project. The level of protective clothing will be upgraded if the organic vapor levels in the operator's breathing zone exceeds 5 ppm above background levels continuously for more than five minutes, or if any single reading exceeds 25 ppm. If this occurs then level C protection will be used. If the organic concentration in the operator's breathing zone exceed's 200 ppm for 5 minutes and/or the organic vapor concentration two feet above the excavation exceeds 1,000 ppm or 10% of the lower explosive limit, then the equipment will be shut down and the site evacuated. If organic vapor concentrations exceed 200 ppm and work continues then level B protection will be required.

"EPA Standard Operating Safety Guidelines" defines the levels of protective clothing as follows:

LEVEL A:

Fully encapsulating suit / SCBA / Hard hat / Steel toe boots / Safety gloves.

LEVEL B:

Splash resistant suit / SCBA / Hard Hat / Steel toe boots / Safety gloves.

LEVEL C:

Half face respirator / Hard hat / Safety glasses / Steel toe boots / Coveralls / Gloves.

LEVEL D:

Coveralls / Hard hat / Safety Glasses / Steel toe boots / Gloves.

If air purifying respirators are authorized, organic vapor w-filter is the appropriate canister for use with the involved substances and concentrations. A competent individual has determined that all criteria for using this type of respiratory protection have been met.

NO CHANGES TO THE SPECIFIED LEVELS OF PROTECTION SHALL BE MADE WITHOUT THE APPROVAL OF THE COMPANY SAFETY OFFICER, J.S. ANDERSON.

F. MONITORING INSTRUMENTS

The following environmental monitoring instruments shall be used on site at specified intervals.

A hydrocarbon meter will be used to monitor air in the work area and at the boundaries of the work area.

G. EMERGENCY HOSPITAL

The closest hospital with an emergency room is:

Alta Bates Medical Center

**(510) 540-4444
911**

DIRECTIONS FROM THE JOB SITE:

EXIT JOBSITE AND GO:

**LEFT ON MARKET STREET
RIGHT ON ADELINE STREET
RIGHT ON ASHBY AVENUE
HOSPITAL LOCATED ON RIGHT AT 2450 ASHBY AVENUE**

H. READ AND SIGN

The work party was briefed on the contents of this plan on _____ at 8:00 am. All site personnel have read the above plan and are familiar with its provisions.

NAME:

SIGNATURE:

COMPANY NAME:

ALL ENVIRONMENTAL, INC.

3364 Mt. Diablo Boulevard
Lafayette, California 94549
(510) 283-6000
(510) 283-6121 FAX

FAX TRANSMITTAL SHEET

TO: Ms. Susan Hugo

FAX NUMBER: 337 9335

FROM: Jennifer Anderson

MESSAGE: Workplan

Date: 8/29/96 No. of Pages (Including Cover Page): 4

ALL ENVIRONMENTAL, INC.

Environmental Engineering & Construction

August 28, 1996
Project No. 1449

Ms. Susan Hugo
Alameda County Health Care Services Agency
Department of Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502

Re: 1075 40th Street, Oakland, California

Dear Ms. Hugo:

This letter is a proposed workplan for your review and approval for the soil and groundwater investigation to be performed at the above referenced site. All Environmental, Inc. (AEI) is providing environmental engineering consulting and construction services to Mr. Monte Upshaw, and is submitting this letter on his behalf.

Site Description and Background

The subject property currently supports the operation of Fidelity Roof Company.

In December, 1995, Tank Protect Engineering removed (1) 1000 gallon underground storage tank (UST) and (1) 500 gallon UST from the southwest corner of the property. Soil samples collected from beneath the 1,000 gallon UST indicated up to 8.7 ppm TPH as gasoline, 29 ppm MTBE, 0.77 ppm benzene, 0.71 ppm toluene, 0.18 ppm ethylbenzene, 0.77 ppm xylenes, 6.1 ppm lead and 29 ppm TPH as diesel. Soil samples collected from beneath the 500 gallon UST were impacted with 100 ppm TPH as gasoline, 1.4 ppm MTBE, 2.0 ppm benzene, 0.26 ppm toluene, 1.9 ppm ethylbenzene, 8.0 ppm xylenes, 4.9 ppm lead and 96 ppm TPH as diesel.

Samples were collected from the stockpiled soil generated from the removal of the USTs. Up to 580 ppm TPH as gasoline, 2.3 ppm benzene, 11.0 ppm toluene, 6.8 ppm ethylbenzene, 47 ppm xylenes, 42 ppm lead and 120 ppm TPH as diesel were present within the stockpiled soil.

Groundwater was not reportedly encountered during the tank removal activities. The UST excavation is currently open.

The following workplan describes the proposed soil and groundwater investigation to determine the lateral and vertical extent of petroleum hydrocarbon contamination within the soil and to assess whether or not the groundwater beneath the site is impacted.

Scope of Work

AEI proposes to advance four soil borings to a depth of approximately 20 feet below ground surface (bgs) or until first groundwater, whichever is encountered first. The soil borings will be advanced with a Geoprobe drilling rig ten (10) feet north, south, east and west of the former UST excavation. Refer to the attached site map for the soil boring locations.

The soil borings will be logged on-site by a professional geologist using the Unified Soil Classification System. Undisturbed soil samples will be collected at 5 foot intervals, starting at 5 feet bgs. The samples will be collected for visual classification and chemical analysis in 7/8-inch acetate liners. One soil sample

Corporate Headquarters:

3364 Mt. Diablo Blvd.
Lafayette, CA 94549
Phone: (510) 283-6000

Los Angeles Office:

111 N. Sepulveda Blvd., #250
Manhattan Beach, CA 90266
Phone: (310) 328-8878

Ms. Susan Hugo
Alameda County Health Care Services Agency
August 28, 1996
Project No. 1449
Page 2

from each boring will be analyzed at a state certified laboratory. The soil samples selected for chemical testing will be determined by the geologist on-site at the time of sampling. Soil samples obtained during drilling will be screened in the field via sensory perceptions and portable organic vapor meter.

All soil samples will be secured using teflon tape and caps. All samples will be put on ice and transported, under chain of custody procedures to McCampbell Analytical, Inc. of Pacheco, California. Soil samples will be analyzed for TPH as gasoline (EPA 5030/8015), TPH as diesel (EPA method 3550/8015), benzene, toluene, ethylbenzene, xylenes (BTEX), MTBE (EPA method 5030/8020) and lead (AA).

A single groundwater sample will be collected from the soil boring advanced in the assumed downgradient location from the former UST excavation. The groundwater sample will be collected from the boring with a pre-cleaned stainless steel bailer. Groundwater will be placed in 1 liter bottles and voas and placed on ice for transport to McCampbell Analytical, Inc. The groundwater sample will be analyzed for TPH as gasoline (EPA 5030/8015), TPH as diesel (EPA method 3550/8015), benzene, toluene, ethylbenzene, xylenes (BTEX), MTBE (EPA method 5030/8020) and lead (dissolved).

Minimal cuttings are expected to be generated from the drilling. Any soil cuttings will be stored on-site in a 5 gallon covered bucket. On-site treatment or off-site disposal of contaminated drill cuttings is not a part of this work scope. It is likely that a licensed hauler will be contracted to transport the soils as non-hazardous waste, under appropriate manifests, to a local landfill facility.

AEI requests your approval to proceed with this project. AEI is eager to complete this work as soon as possible. Please let me know if you need additional information and please do not hesitate to call me at (510) 283-6000 if you have any questions.

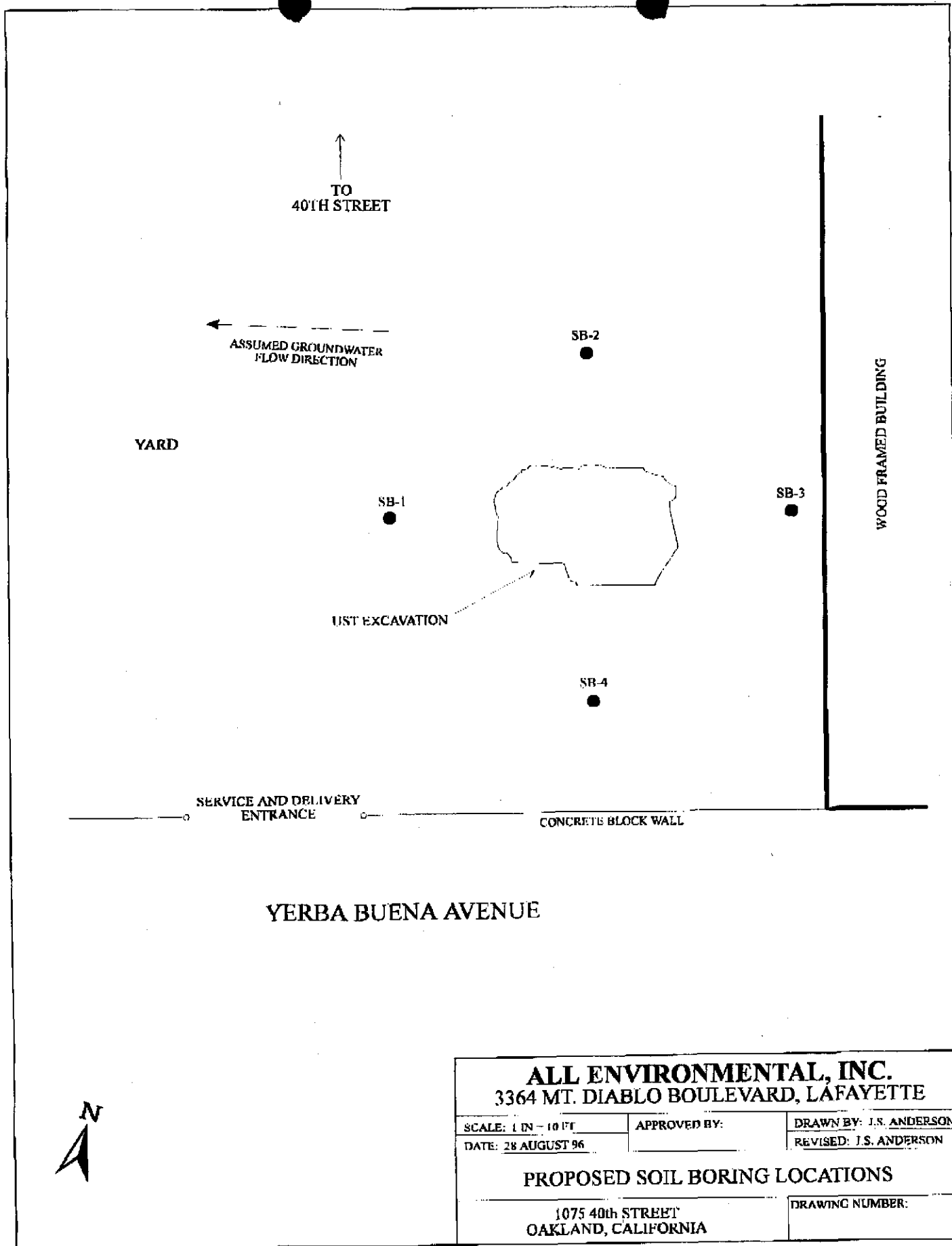
Sincerely,



Jennifer Anderson
Project Manager

cc: Mr. Monte Upshaw, Fidelity Roof Company, 1075 40th Street, Oakland, California 94608

Attachment



ALL ENVIRONMENTAL, INC. 3364 MT. DIABLO BOULEVARD, LAFAYETTE		
SCALE: 1 IN = 10 FT	APPROVED BY:	DRAWN BY: J.S. ANDERSON
DATE: 28 AUGUST 96		REVISED: J.S. ANDERSON
PROPOSED SOIL BORING LOCATIONS		
1075 40th STREET OAKLAND, CALIFORNIA		DRAWING NUMBER:

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY
DAVID J. KEARS, Agency Director

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

May 22, 1996

Mr. Monte Upshaw
Fidelity Roof Company
1075 40th Street
Oakland, CA 94608

**RE: Underground Storage Tank Removals at Fidelity Roof Company
1075 40th Street, Oakland, CA 94608 (STID# 3341)**

Dear Mr. Upshaw:

This office has recently reviewed the case file concerning the removal of two gasoline underground storage tanks (550 gallon and 1000 gallon in capacity) on December 1995 at the above referenced property.

The results of the soil samples collected during the tank removal activities (submitted via facsimile on January 1996) showed petroleum hydrocarbon contamination up to 580 ppm TPH gasoline, 120 ppm TPH diesel, 2.3 ppm benzene, 11 ppm toluene, 6.8 ppm ethyl benzene, 47 ppm xylene and 28 ppm MTBE. Both tanks showed obvious signs of leakage (holes and corrosion on all sides, soil staining and strong hydrocarbon odor).

Clearly, the former tanks had leaked and an Underground Storage Tank Unauthorized Release (Leak) / Contamination Site Report (ULR) must be filed for the subject site. Enclosed is a copy of the ULR which must be completed and submitted to this office within five working days upon receipt of this letter.

In addition, the following items must be addressed concerning the petroleum hydrocarbon contamination at the subject site:

- 1) A work plan must be submitted to characterize the lateral and vertical extent of the petroleum hydrocarbon plume in soil and/or groundwater.
- 2) A tank closure report should be submitted which includes copies of the tank manifests, records of stockpiled soil disposal, chain of custody, analytical results, etc.

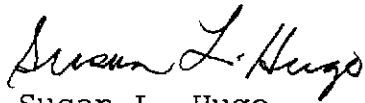
Items 1 and 2 must be submitted to this office **within 45 days** from the date of this letter.

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.

Mr. Monte Upshaw
RE: 1075 40th Street, Oakland, CA 94608
May 22, 1996
Page 2 of 2

Please contact me at (510) 567-6780 if you have any questions concerning this letter.

Sincerely,



Susan L. Hugo
Senior Hazardous Materials Specialist

enclosure

c: Mee Ling Tung, Director, Environmental Health
Gordon Coleman, Acting Chief, Environmental Protection / ~~File~~
Kevin Graves, San Francisco Bay RWQCB

Transfer of Eligible Local Oversight Case

 STID 3341 Date transferred 12/21/95 NA

 Date: 12/20/95 From: SUSAN

 Site Name: FIDELITY ROOF COMPANY

 Address: 1075 40th ST City: OAKLAND Zip: 94608

To be eligible for LOP, case must meet 3 qualifications:

1. **Y N** Tanks Removed? # of removed? 2 Date removed: 12/19/95
2. **Y N** Samples received? Contamination level: _____ ppm
 Type of test _____
 Contamination should be over 100 ppm TPH to qualify for LOP
3. **Y N** Petroleum? Circle Type(s): • Avgas • leaded • unleaded • fuel oil • jet
 • diesel • waste oil • kerosene • solvents

Procedure to follow should your site meet all the above qualifications:

1.
 - a. Close the deposit refund case.
 - b. Account for **ALL** time you have spent on the case.
 - c. Turn in account sheet to Leslie.
 If there are funds still remaining it is still better to transfer the case to LOP as the rate for LOP allows more overhead. **DO NOT** attempt to continue to oversee the site simply because there are funds remaining!

Remaining DepRef \$'s: _____

 DepRef Case Closed with Candyce/Leslie? **Y N** (If no, explain why below.)

2. Submit the completed **A** and **B** permit application forms to **NORMA**.
3. Give the entire case to the proper LOP staff.

white -env.health
 yellow -facility
 pink -files

ALAMEDA COUNTY, DEPARTMENT OF ENVIRONMENTAL HEALTH
 Hazardous Materials Inspection Form

1131 Harbor Bay Pkwy.
 Suite 250
 Alameda, CA 94502-6577
 (510) 567-6700

II, III

Site ID # 334 Site Name Fidelity Roof Co Today's Date 12/19/95

Site Address 1075 - 70th St.

City Oakland Zip 94608 Phone

MAX AMT stored > 500 lbs, 55 gal., 200 cft.?

Inspection Categories:

- I. Haz. Mat/Waste GENERATOR/TRANSPORTER
- II. Business Plans, Acute Hazardous Materials
- III. Underground Tanks

* Calif. Administration Code (CAC) or the Health & Safety Code (H&S)

Inspector will sign at the site
 Comments: 2 USTs Removal # 95589534

1) 530 G UST LEL=0 O2=15 (2.1%)

2) 1000 G UST LEL=2 O2=20 (3.0%)

H&H-tank hauler # 600926
 Both tanks had holes corrosion on sides, bottom & top. Both tanks had gasoline, strong HC odor, staining visible around the common pit.

Three soil samples collected; 2 from the 1000 G & 1 from the 500 G very strong HC odor & staining. Log Book found at the dispenser island showed tank readings (gauging) taken 10/94

Stockpiled soil must be characterized & covered with Visqueen.
 Add Pb analysis.

II.A BUSINESS PLANS (Title 19)

- 1. Immediate Reporting 2703
- 2. Bus. Plan Stds. 25503(b)
- 3. RR Cars > 30 days 25503.7
- 4. Inventory Information 25504(a)
- 5. Inventory Complete 2730
- 6. Emergency Response 25504(b)
- 7. Training 25504(c)
- 8. Deficiency 25505(a)
- 9. Modification 25505(b)

II.B ACUTELY HAZ. MATLS

- 10. Registration Form Filed 25533(a)
- 11. Form Complete 25533(b)
- 12. RMPP Contents 25534(c)
- 13. Implement Sch. Req'd? (Y/N)
- 14. OffSite Conseq. Assess. 25524(c)
- 15. Probable Risk Assessment 25534(d)
- 16. Persons Responsible 25534(g)
- 17. Certification 25534(f)
- 18. Exemption Request? (Y/N) 25536(b)
- 19. Trade Secret Requested? 25538

III. UNDERGROUND TANKS (Title 23)

- General
- 1. Permit Application 25284 (H&S)
 - 2. Pipeline Leak Detection 25292 (H&S)
 - 3. Records Maintenance 2712
 - 4. Release Report 2651
 - 5. Closure Plans 2670

- Monitoring for Existing Tanks
- 6. Method
 - 1) Monthly Test
 - 2) Daily Vadose Semi-annual gndwater One time sols
 - 3) Daily Vadose One time sols Annual tank test
 - 4) Monthly Gndwater One time sols
 - 5) Daily Inventory Annual tank testing Cont pipe leak det Vadose/gndwater mon.
 - 6) Daily Inventory Annual tank testing Cont pipe leak det
 - 7) Weekly Tank Gauge Annual tank testing
 - 8) Annual Tank Testing Daily inventory
 - 9) Other

- 7. Precs Tank Test Date: 2643
- 8. Inventory Rec. 2644
- 9. Soil Testing 2646
- 10. Ground Water. 2647

- New Tanks
- 11. Monitor Plan 2632
 - 12. Access. Secure 2634
 - 13. Plans Submit 2711
 - Date: _____
 - 14. As Built 2635
 - Date: _____

Rev 6/88

II, III

Contact: JEFF FARHOMANI

Title: Principal Engineer

Signature: Jeff Farhomani

Inspector: _____

Signature: Susan L. Hugo

FP: Montague & Carol Upshaw
 1075 40th St Oakland 94608

ALAMEDA COUNTY HAZARDOUS MATERIALS DIVISION
 DEPOSIT / REFUND ACCOUNT SHEET

printed 10/27/95

SITE INFORMATION

Fidelity Roof Company
 1075 40th St
 Oakland 94608
 Site Contact:
 Site Phone :

StID: 3341 Site#: 3787
 PROJECT#: 3787A
 PROJECT TYPE: *** R ***
 INSP: Susan Hugo
 ACCT. SHEET PG #: _____

PROPERTY OWNER INFORMATION

Owner Contact:
 Owner Phone :

PAYOR INFORMATION

Tank Protect Engineering
 2821 Whipple Rd
 Union City CA 94587 #286
 Payor Contact: Jafar Farhoomand
 Payor Phone : 429-8088

Date	Action Taken	Time		Hours Spent/Depstd	Hour Balnce	Money Spent/Depositd	Money Balance
		In	Out				
10/26/95	Rcpt# 767387 Deposit of \$894.00 @ \$90/hour			+9.93	+9.93	\$894.00	\$894.00
10/26/95	Admin. Charge: 1 hour			1.00	8.93	\$804.00	\$804.00
11/8/95	Review Removal Application			1.5			
11/8/95	Talked to Lewis Travis (TPE)			0.2			
12/14/95	Talked to Tank Protect (Mania) By approved permit			0.8			
12/19/95	Talked to Tank Protect (Mania)			0.3			
12/19/95	Transfer to LOP						

UPON COMPLETION OF PROJECT

PROJ COMPLETED BY : Susan F. Hugo ATTACH: State Forms A, B & C
 Billing Adjustment*
 DATE OF COMPLETION : _____ DATE SENT TO BILLING: _____
 TOTAL COST OF PROJECT: _____ REFUND AMOUNT: _____ Rev. 5/95

* Billing adjustment forms needed when site is in our UST program.



12/19/95 1000 G tank
09515314391-2W 0610 4605
COPIES & ENLARGEMENTS CALL 800-421-1030
STW 3341



12/19/95 STW 3341
09515314391-2W 0610 4604
COPIES & ENLARGEMENTS CALL 800-421-1030
LUSTS remain



12/19/95 500 G tank
09515314391-2W 0610 4606
COPIES & ENLARGEMENTS CALL 800-421-1030
STW 3341

TANK REMOVED 12/19/95
 STATE OF CALIFORNIA
 STATE WATER RESOURCES CONTROL BOARD
 UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B



COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input type="checkbox"/> 7 PERMANENTLY CLOSED ON SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY TANK CLOSURE	<input checked="" type="checkbox"/> 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Fidelity Roof Company

I. TANK DESCRIPTION COMPLETE ALL ITEMS -- SPECIFY IF UNKNOWN	
A. OWNER'S TANK I.D. #	B. MANUFACTURED BY:
C. DATE INSTALLED (MO/DAY/YEAR) <u>unknown</u>	D. TANK CAPACITY IN GALLONS: <u>1000 gallon</u>

II. TANK CONTENTS IF A-1 IS MARKED, COMPLETE ITEM C.			
A. <input checked="" type="checkbox"/> 1 MOTOR VEHICLE FUEL	<input type="checkbox"/> 4 OIL	B. <input checked="" type="checkbox"/> 1 PRODUCT	C. <input checked="" type="checkbox"/> 1a REGULAR UNLEADED
<input type="checkbox"/> 2 PETROLEUM	<input type="checkbox"/> 80 EMPTY	<input type="checkbox"/> 2 WASTE	<input type="checkbox"/> 3 DIESEL
<input type="checkbox"/> 3 CHEMICAL PRODUCT	<input type="checkbox"/> 95 UNKNOWN		<input type="checkbox"/> 4 GASAHOL
			<input type="checkbox"/> 5 JET FUEL
			<input type="checkbox"/> 6 AVIATION GAS
			<input type="checkbox"/> 7 METHANOL
			<input type="checkbox"/> 99 OTHER (DESCRIBE IN ITEM D. BELOW)
D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED			C. A. S. #:

III. TANK CONSTRUCTION MARK ONE ITEM ONLY IN BOXES A, B, AND C, AND ALL THAT APPLIES IN BOX D AND E			
A. TYPE OF SYSTEM	<input type="checkbox"/> 1 DOUBLE WALL	<input type="checkbox"/> 3 SINGLE WALL WITH EXTERIOR LINER	<input type="checkbox"/> 95 UNKNOWN
	<input checked="" type="checkbox"/> 2 SINGLE WALL	<input type="checkbox"/> 4 SECONDARY CONTAINMENT (VAULTED TANK)	<input type="checkbox"/> 99 OTHER
B. TANK MATERIAL (Primary Tank)	<input type="checkbox"/> 1 BARE STEEL	<input type="checkbox"/> 2 STAINLESS STEEL	<input type="checkbox"/> 3 FIBERGLASS
	<input type="checkbox"/> 5 CONCRETE	<input type="checkbox"/> 6 POLYVINYL CHLORIDE	<input type="checkbox"/> 7 ALUMINUM
	<input type="checkbox"/> 9 BRONZE	<input type="checkbox"/> 10 GALVANIZED STEEL	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER
C. INTERIOR LINING	<input type="checkbox"/> 1 RUBBER LINED	<input type="checkbox"/> 2 ALKYD LINING	<input type="checkbox"/> 3 EPOXY LINING
	<input type="checkbox"/> 5 GLASS LINING	<input type="checkbox"/> 6 UNLINED	<input type="checkbox"/> 4 PHENOLIC LINING
			<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER
	IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES ___ NO ___		
D. CORROSION PROTECTION	<input type="checkbox"/> 1 POLYETHYLENE WRAP	<input type="checkbox"/> 2 COATING	<input type="checkbox"/> 3 VINYL WRAP
	<input type="checkbox"/> 5 CATHODIC PROTECTION	<input type="checkbox"/> 91 NONE	<input type="checkbox"/> 4 FIBERGLASS REINFORCED PLASTIC
			<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER
E. SPILL AND OVERFILL	SPILL CONTAINMENT INSTALLED (YEAR) _____		OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR) _____

IV. PIPING INFORMATION CIRCLE A IF ABOVE GROUND OR U IF UNDERGROUND, BOTH IF APPLICABLE			
A. SYSTEM TYPE	A U 1 SUCTION	A <input checked="" type="radio"/> 2 PRESSURE	A U 3 GRAVITY
			A U 99 OTHER
B. CONSTRUCTION	A <input checked="" type="radio"/> 1 SINGLE WALL	A U 2 DOUBLE WALL	A U 3 LINED TRENCH
			A U 95 UNKNOWN
			A U 99 OTHER
C. MATERIAL AND CORROSION PROTECTION	A U 1 BARE STEEL	A U 2 STAINLESS STEEL	A U 3 POLYVINYL CHLORIDE (PVC)
	A U 5 ALUMINUM	A U 6 CONCRETE	A U 4 FIBERGLASS PIPE
	A U 9 GALVANIZED STEEL	A U 10 CATHODIC PROTECTION	A U 7 STEEL W/ COATING
			A U 8 100% METHANOL COMPATIBLE W/FRP
			A U 99 OTHER
D. LEAK DETECTION	<input type="checkbox"/> 1 AUTOMATIC LINE LEAK DETECTOR	<input type="checkbox"/> 2 LINE TIGHTNESS TESTING	<input type="checkbox"/> 3 INTERSTITIAL MONITORING
			<input type="checkbox"/> 99 OTHER

V. TANK LEAK DETECTION			
<input type="checkbox"/> 1 VISUAL CHECK	<input type="checkbox"/> 2 INVENTORY RECONCILIATION	<input type="checkbox"/> 3 VADOZE MONITORING	<input type="checkbox"/> 4 AUTOMATIC TANK GAUGING
<input type="checkbox"/> 6 TANK TESTING	<input type="checkbox"/> 7 INTERSTITIAL MONITORING	<input type="checkbox"/> 91 NONE	<input checked="" type="checkbox"/> 95 UNKNOWN
			<input type="checkbox"/> 99 OTHER

VI. TANK CLOSURE INFORMATION		
1. ESTIMATED DATE LAST USED (MO/DAY/YR)	2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING _____ GALLONS	3. WAS TANK FILLED WITH INERT MATERIAL? YES <input type="checkbox"/> NO <input type="checkbox"/>

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <u>Valerie Kafai</u>	DATE <u>10/19/95</u>
---	----------------------

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW			
STATE I.D.#	COUNTY #	JURISDICTION #	FACILITY #
			TANK #
PERMIT NUMBER	PERMIT APPROVED BY/DATE	PERMIT EXPIRATION DATE	

TANK REMOVED 12/19/95 SH



STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM B

COMPLETE A SEPARATE FORM FOR EACH TANK SYSTEM.

MARK ONLY ONE ITEM: 1 NEW PERMIT, 2 INTERIM PERMIT, 3 RENEWAL PERMIT, 4 AMENDED PERMIT, 5 CHANGE OF INFORMATION, 6 TEMPORARY TANK CLOSURE, 7 PERMANENTLY CLOSED ON SITE, 8 TANK REMOVED

DBA OR FACILITY NAME WHERE TANK IS INSTALLED: Fidelity Roof Company

I. TANK DESCRIPTION: A. OWNER'S TANK I.D.#, B. MANUFACTURED BY, C. DATE INSTALLED (MO/DAY/YEAR) unknown, D. TANK CAPACITY IN GALLONS: 500 gallon

II. TANK CONTENTS: A. 1 MOTOR VEHICLE FUEL, 2 PETROLEUM, 3 CHEMICAL PRODUCT, 4 OIL, 80 EMPTY, 95 UNKNOWN, B. 1 PRODUCT, 2 WASTE, C. 1a REGULAR UNLEADED, 1b PREMIUM UNLEADED, 2 LEADED, 3 DIESEL, 4 GASAHOL, 5 JET FUEL, 6 AVIATION GAS, 7 METHANOL, 99 OTHER, D. IF (A.1) IS NOT MARKED, ENTER NAME OF SUBSTANCE STORED, C.A.S.#:

III. TANK CONSTRUCTION: A. TYPE OF SYSTEM: 1 DOUBLE WALL, 2 SINGLE WALL, 3 SINGLE WALL WITH EXTERIOR LINER, 4 SECONDARY CONTAINMENT, 95 UNKNOWN, 99 OTHER, B. TANK MATERIAL: 1 BARE STEEL, 2 STAINLESS STEEL, 3 FIBERGLASS, 4 STEEL CLAD W/ FIBERGLASS REINFORCED PLASTIC, 5 CONCRETE, 6 POLYVINYL CHLORIDE, 7 ALUMINUM, 8 100% METHANOL COMPATIBLE W/FRP, 9 BRONZE, 10 GALVANIZED STEEL, 95 UNKNOWN, 99 OTHER, C. INTERIOR LINING: 1 RUBBER LINED, 2 ALKYD LINING, 3 EPOXY LINING, 4 PHENOLIC LINING, 5 GLASS LINING, 6 UNLINED, 95 UNKNOWN, 99 OTHER, IS LINING MATERIAL COMPATIBLE WITH 100% METHANOL? YES NO, D. CORROSION PROTECTION: 1 POLYETHYLENE WRAP, 2 COATING, 3 VINYL WRAP, 4 FIBERGLASS REINFORCED PLASTIC, 5 CATHODIC PROTECTION, 91 NONE, 95 UNKNOWN, 99 OTHER, E. SPILL AND OVERFILL: SPILL CONTAINMENT INSTALLED (YEAR), OVERFILL PREVENTION EQUIPMENT INSTALLED (YEAR)

IV. PIPING INFORMATION: A. SYSTEM TYPE: A U 1 SUCTION, A U 2 PRESSURE, A U 3 GRAVITY, A U 99 OTHER, B. CONSTRUCTION: A U 1 SINGLE WALL, A U 2 DOUBLE WALL, A U 3 LINED TRENCH, A U 95 UNKNOWN, A U 99 OTHER, C. MATERIAL AND CORROSION PROTECTION: A U 1 BARE STEEL, A U 2 STAINLESS STEEL, A U 3 POLYVINYL CHLORIDE (PVC), A U 4 FIBERGLASS PIPE, A U 5 ALUMINUM, A U 6 CONCRETE, A U 7 STEEL W/ COATING, A U 8 100% METHANOL COMPATIBLE W/FRP, A U 9 GALVANIZED STEEL, A U 10 CATHODIC PROTECTION, A U 95 UNKNOWN, A U 99 OTHER, D. LEAK DETECTION: 1 AUTOMATIC LINE LEAK DETECTOR, 2 LINE TIGHTNESS TESTING, 3 INTERSTITIAL MONITORING, 99 OTHER

V. TANK LEAK DETECTION: 1 VISUAL CHECK, 2 INVENTORY RECONCILIATION, 3 VADOZE MONITORING, 4 AUTOMATIC TANK GAUGING, 5 GROUND WATER MONITORING, 6 TANK TESTING, 7 INTERSTITIAL MONITORING, 91 NONE, 95 UNKNOWN, 99 OTHER

VI. TANK CLOSURE INFORMATION: 1. ESTIMATED DATE LAST USED (MO/DAY/YR), 2. ESTIMATED QUANTITY OF SUBSTANCE REMAINING GALLONS, 3. WAS TANK FILLED WITH INERT MATERIAL? YES NO

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT. APPLICANT'S NAME (PRINTED & SIGNATURE) Valerie Kafai, DATE 10/19/95

LOCAL AGENCY USE ONLY THE STATE I.D. NUMBER IS COMPOSED OF THE FOUR NUMBERS BELOW. STATE I.D.#, COUNTY #, JURISDICTION #, FACILITY #, TANK #, PERMIT NUMBER, PERMIT APPROVED BY/DATE, PERMIT EXPIRATION DATE

2 TANKS REMOVED 10/9/95 SH

STATE OF CALIFORNIA
STATE WATER RESOURCES CONTROL BOARD
UNDERGROUND STORAGE TANK PERMIT APPLICATION - FORM A



COMPLETE THIS FORM FOR EACH FACILITY/SITE

MARK ONLY ONE ITEM	<input type="checkbox"/> 1 NEW PERMIT	<input type="checkbox"/> 3 RENEWAL PERMIT	<input type="checkbox"/> 5 CHANGE OF INFORMATION	<input checked="" type="checkbox"/> 7 PERMANENTLY CLOSED SITE
	<input type="checkbox"/> 2 INTERIM PERMIT	<input type="checkbox"/> 4 AMENDED PERMIT	<input type="checkbox"/> 6 TEMPORARY SITE CLOSURE	

I. FACILITY/SITE INFORMATION & ADDRESS - (MUST BE COMPLETED)

DBA OR FACILITY NAME <i>Fidelity Roof company</i>		NAME OF OPERATOR <i>Monte upshaw</i>		
ADDRESS <i>1075 40th Street</i>		NEAREST CROSS STREET	PARCEL # (OPTIONAL)	
CITY NAME <i>Oakland</i>		STATE <i>CA</i>	ZIP CODE <i>94608</i>	SITE PHONE # WITH AREA CODE <i>(510) 547-6330</i>
<input checked="" type="checkbox"/> BOX TO INDICATE	<input checked="" type="checkbox"/> CORPORATION	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> LOCAL AGENCY DISTRICTS
<input type="checkbox"/> 1 GAS STATION	<input type="checkbox"/> 2 DISTRIBUTOR	<input type="checkbox"/> 3 FARM	<input type="checkbox"/> 4 PROCESSOR	<input checked="" type="checkbox"/> 5 OTHER
TYPE OF BUSINESS		<input type="checkbox"/> IF INDIAN RESERVATION OR TRUST LANDS	# OF TANKS AT SITE	E. P. A. I. D. # (optional) <i>CA1000080638</i>

EMERGENCY CONTACT PERSON (PRIMARY)

EMERGENCY CONTACT PERSON (SECONDARY) - optional

DAYS: NAME (LAST, FIRST) <i>Monte upshaw</i>	PHONE # WITH AREA CODE <i>(510) 547-6330</i>	DAYS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE
NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE	NIGHTS: NAME (LAST, FIRST)	PHONE # WITH AREA CODE

II. PROPERTY OWNER INFORMATION - (MUST BE COMPLETED)

NAME <i>Fidelity Roof company</i>		CARE OF ADDRESS INFORMATION <i>Monte upshaw</i>		
MAILING OR STREET ADDRESS <i>1075 40th Street</i>		<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL AGENCY
CITY NAME <i>Oakland</i>		<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE AGENCY
STATE <i>CA</i>	ZIP CODE <i>94608</i>	PHONE # WITH AREA CODE <i>(510) 547-6330</i>		

III. TANK OWNER INFORMATION - (MUST BE COMPLETED)

NAME OF OWNER <i>Fidelity Roof company</i>		CARE OF ADDRESS INFORMATION <i>Monte upshaw</i>		
MAILING OR STREET ADDRESS <i>1075 40th Street</i>		<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> LOCAL AGENCY
CITY NAME <i>Oakland</i>		<input type="checkbox"/> CORPORATION	<input type="checkbox"/> PARTNERSHIP	<input type="checkbox"/> STATE AGENCY
STATE <i>CA</i>	ZIP CODE <i>94608</i>	PHONE # WITH AREA CODE <i>(510) 547-6330</i>		

IV. BOARD OF EQUALIZATION UST STORAGE FEE ACCOUNT NUMBER - Call (916) 323-9555 if questions arise.

TY (TK) HQ *44-000524*

V. PETROLEUM UST FINANCIAL RESPONSIBILITY - (MUST BE COMPLETED) - IDENTIFY THE METHOD(S) USED

<input checked="" type="checkbox"/> BOX TO INDICATE	<input type="checkbox"/> 1 SELF-INSURED	<input type="checkbox"/> 2 GUARANTEE	<input type="checkbox"/> 3 INSURANCE	<input type="checkbox"/> 4 SURETY BOND
	<input type="checkbox"/> 5 LETTER OF CREDIT	<input type="checkbox"/> 6 EXEMPTION	<input type="checkbox"/> 99 OTHER	

VI. LEGAL NOTIFICATION AND BILLING ADDRESS Legal notification and billing will be sent to the tank owner unless box I or II is checked.

CHECK ONE BOX INDICATING WHICH ABOVE ADDRESS SHOULD BE USED FOR LEGAL NOTIFICATIONS AND BILLING: I. II. III.

THIS FORM HAS BEEN COMPLETED UNDER PENALTY OF PERJURY, AND TO THE BEST OF MY KNOWLEDGE, IS TRUE AND CORRECT

APPLICANT'S NAME (PRINTED & SIGNATURE) <i>Valerie Kafai</i>	APPLICANT'S TITLE <i>Office clerk</i>	DATE MONTH/DAY/YEAR <i>10/19/95</i>
--	--	--

LOCAL AGENCY USE ONLY

COUNTY # <input type="text"/>	JURISDICTION # <input type="text"/>	FACILITY # <input type="text"/>
LOCATION CODE - OPTIONAL <input type="text"/>	CENSUS TRACT # - OPTIONAL <input type="text"/>	SUPVISOR - DISTRICT CODE - OPTIONAL <input type="text"/>

THIS FORM MUST BE ACCOMPANIED BY AT LEAST (1) OR MORE PERMIT APPLICATION - FORM B, UNLESS THIS IS A CHANGE OF SITE INFORMATION ONLY.

ALAMEDA COUNTY HEALTH CARE SERVICES AGENCY
 DEPARTMENT OF ENVIRONMENTAL HEALTH
 ENVIRONMENTAL PROTECTION DIVISION
 1131 HARBOR BAY PARKWAY, RM 250
 ALAMEDA, CA 94502-6577
 PHONE # 510/567-6700

SUSAN L. HUGO
 Project Specialist

ACCEPTED

Underground Storage Tank Closure Permit Applications
 Alameda County Division of Hazardous Materials
 1131 Harbor Bay Parkway, RM 250
 Alameda, CA 94502-6577

These closure/removal plans have been reviewed and found to be acceptable and essentially meet the requirements of State and Local Health Laws. Changes in any closure plans indicated by this Department are to assure compliance with State and local laws. The project processes to be followed are released for issuance of any required building, electrical, construction/destruction.

One copy of the accepted plans must be on the job site available to all contractors and craftsmen involved with any removal.

Any changes or alterations of these plans and specifications must be submitted to this Department and to the Fire and Building Inspectors Department to determine if such changes meet the requirements of State and local laws. Notify this Department at least 72 hours prior to the following required inspections:

- Removal of Tank(s) and Piping
- Sampling
- Final Inspection

Issuance of a) permit to operate, b) permanent site closure, is dependent on compliance with accepted plans and all applicable laws and regulations.

THERE IS A FINANCIAL PENALTY FOR NOT OBTAINING THESE INSPECTIONS.

Contact Specialist

Please note changes made on page 495.
Susan L. Hugo
12/14/95

UNDERGROUND TANK CLOSURE PLAN

*** Complete according to attached instructions ***

1. Name of Business Fidelity Roof company
 Business Owner or Contact Person (PRINT) Monte upshaw
2. Site Address 1075 40th street
 city Oakland, CA Zip 94608 Phone (510) 547-6330
3. Mailing Address 1075 40th street
 city Oakland CA Zip 94608 Phone (510) 547-6330
4. Property Owner Fidelity Roof company
 Business Name (if applicable) Same as above
 Address _____
 City, State _____ Zip _____
5. Generator name under which tank will be manifested
Fidelity Roof company
 EPA ID# under which tank will be manifested CA 1000080638

6. Contractor Tank Protect Engineering of Northern California, Inc.
Address 2821 Whipple Road
City Union City CA 94587 Phone (510) 429-8088
License Type Haz A 575837 ID# _____

*Effective January 1, 1992, Business and Professional Code Section 7058.7 requires prime contractors to also hold Hazardous Waste Certification issued by the State Contractors License Board.

7. Consultant (if applicable) Same as above
Address _____
City, State _____ Phone _____

8. Main Contact Person for Investigation (if applicable)
Name Monte Upshaw Title CEO / Chairman
Company Fidelity Roof Company
Phone (510) 547-6330

9. Number of underground tanks being closed with this plan 2
Length of piping being removed under this plan 10 ft
Total number of underground tanks at this facility (**confirmed with owner or operator) _____

10. State Registered Hazardous Waste Transporters/Facilities (see instructions).

** Underground storage tanks must be handled as hazardous waste **

a) Product/Residual Sludge/Rinsate Transporter N/A
Name owner is responsible to empty EPA ID No. _____
the tanks prior to removal
Hauler License No. _____ License Exp. Date _____
Address _____
City _____ State _____ Zip _____

b) Product/Residual Sludge/Rinsate Disposal Site
Name N/A EPA ID# _____
Address _____
City _____ State _____ Zip _____

c) Tank and Piping Transporter

Name H & H Environmental Services EPA I.D. No. CAD004771168
Hauler License No. _____ License Exp. Date _____
Address 220 China Basin
City San Francisco State CA Zip 94107

d) Tank and Piping Disposal Site

Name H & H Environmental Services EPA I.D. No. CAD004771168
Address 220 China Basin
City San Francisco State CA Zip 94107

11. Sample Collector

Name Louis Travis III
Company Tank Protect Engineering of Northern California, Inc.
Address 2821 Whipple Road
City Union City State CA Zip 94587 Phone (510) 429-8088

12. Laboratory

Name Trace Analysis Laboratory, Inc.
Address 3423 Investment Blvd. # 8
City Hayward State CA Zip 94545
State Certification No. 1199

13. Have tanks or pipes leaked in the past? Yes [] No [] Unknown [x]

If yes, describe. _____

14. Describe methods to be used for rendering tank(s) inert:

use 15 pounds of dry ice per each 1,000 gallon capacity.

verify with onsite LEL meter

Before tanks are pumped out and inerted, all associated piping must be flushed out into the tanks. All accessible associated piping must then be removed. Inaccessible piping must be permanently plugged.

The Bay Area Air Quality Management District, 415/771-6000, along with local Fire and Building Departments, must also be contacted for tank removal permits. Fire departments typically require the use of a combustible gas indicator to verify tank inertness. It is the contractor's responsibility to bring a working combustible gas indicator on-site to verify that the tank is inert.

15. Tank History and Sampling Information *** (see instructions) ***

Tank		Material to be sampled (tank contents, soil, groundwater)	Location and Depth of Samples
Capacity	Use History include date last used (estimated)		
1,000 gallon	gasoline	soil	one sample at each end of the tank, max. of 2ft. below tank pit. one sample every 20 linear feet, or under swing joint dispenser
500 gallon	gasoline	soil	
	Piping	soil	
If groundwater is present in the excavation one sample will be collected from the sidewall of soil/water interface.			
*one soil sample must be collected underneath the dispenser			

One soil sample must be collected for every 20 linear feet of piping that is removed. A ground water sample must be collected if any ground water is present in the excavation.

Excavated/Stockpiled Soil

Stockpiled Soil Volume (estimated)

Sampling Plan

One composite sample consisting of at least 4 discrete samples for every 50 cubic yards minimum or one discrete sample for every 20 cubic yards maximum.

Stockpiled soil must be placed on bermed plastic and must be completely covered by plastic sheeting.

Will the excavated soil be returned to the excavation immediately after tank removal? yes no unknown

If yes, explain reasoning _____

If unknown at this point in time, please be aware that excavated soil may not be returned to the excavation without prior approval from Alameda County. This means that the contractor, consultant, or responsible party must communicate with the specialist IN ADVANCE of backfilling operations.

16. Chemical methods and associated detection limits to be used for analyzing samples:

The Tri-Regional Board recommended minimum verification analyses and practical quantitation reporting limits should be followed. See attached Table 2.

17. Submit Site Health and Safety Plan (See Instructions)

Contaminant Sought	EPA or Other Sample Preparation Method Number	EPA or Other Analysis Method Number	Method Detection Limit
Gasoline	EPA 5030	DHS Method	1 ppm
TPHG	EPA 5030	8020/8240	.005 ppm
TPH diesel	EPA 5030		
BTEX			
MTBE			
IF groundwater encountered:			
TPHG	EPA 5030		
BTEX	EPA 5030		
TPHD			

add Pb

MTBE

18. Submit Worker's Compensation Certificate copy
 Name of Insurer State Compensation Insurance Fund
19. Submit Plot Plan ***** (See Instructions) *****
20. Enclose Deposit (See Instructions)
21. Report any leaks or contamination to this office within 5 days of discovery.
 The written report shall be made on an Underground Storage Tank Unauthorized Leak/Contamination Site Report (ULR) form.
22. Submit a closure report to this office within 60 days of the tank removal. The report must contain all information listed in item 22 of the instructions.
23. Submit State (Underground Storage Tank Permit Application) Forms A and B (one B form for each UST to be removed) (mark box 8 for "tank removed" in the upper right hand corner)

I declare that to the best of my knowledge and belief that the statements and information provided above are correct and true.

I understand that information, in addition to that provided above, may be needed in order to obtain approval from the Environmental Protection Division and that no work is to begin on this project until this plan is approved.

I understand that any changes in design, materials or equipment will void this plan if prior approval is not obtained.

I understand that all work performed during this project will be done in compliance with all applicable OSHA (Occupational Safety and Health Administration) requirements concerning personnel health and safety. I understand that site and worker safety are solely the responsibility of the property owner or his agent and that this responsibility is not shared nor assumed by the County of Alameda.

Once I have received my stamped, accepted closure plan, I will contact the project Hazardous Materials Specialist at least three working days in advance of site work to schedule the required inspections.

CONTRACTOR INFORMATION

Name of Business Tank Protect Engineering of Northern Cal Inc.
 Name of Individual Jafar Farhoomand
 Signature Jafar Farhoomand Date 10/20/95

PROPERTY OWNER OR MOST RECENT TANK OPERATOR (Circle one)

Name of Business FIDELITY ROOF COMPANY
 Name of Individual MONTAGUE M. UPSHAW
 Signature [Signature] Date 18 OCT 95

ALAMEDA COUNTY ENVIRONMENTAL PROTECTION DIVISION

DECLARATION OF SITE ACCOUNT REFUND RECIPIENT

There may be excess funds remaining in the Site Account at the completion of this project. The PAYOR (person or company that issues the check) will use this form to predesignate another party to receive any funds refunded at the completion of this project. In the absence of this form, the PAYOR will receive the refund.

SITE INFORMATION:

Site ID Number
(if known)

Fidelity Roof Company
Name of Site

1075 40th Street
Street Address

Oakland CA 94608
City, State & Zip Code

I designate the following person or business to receive any refund due at the completion of all deposit/refund projects:

Tank Protect Engineering of Northern California, Inc.
Name

2821 Whipple Road
Street Address

Union City CA 94587-1233
City, State & Zip Code

Jeff Farhoomand
Signature of Payor

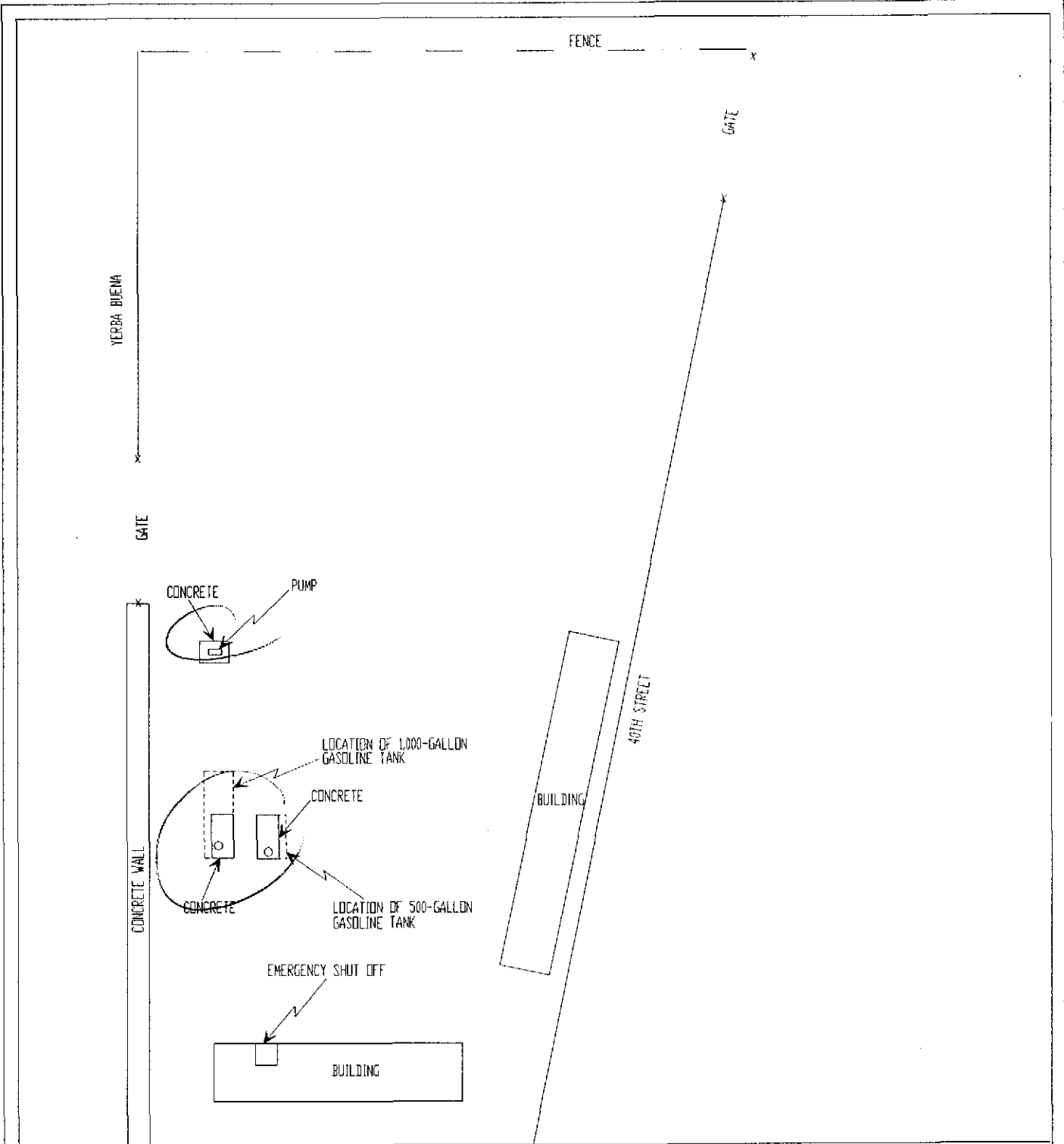
10/25/95
Date

Jeff Farhoomand
Name of Payor
(PLEASE PRINT CLEARLY)

Tank Protect Engineering
Company Name of Payor

RETURN FORM TO:

County of Alameda, Environmental Protection
1131 Harbor Bay Parkway, Rm 250
Alameda CA 94502-6577
Phone#(510) 567-6700



LEGEND



TANK PROTECT ENGINEERING

SITE PLAN

FIDELITY ROOF COMPANY 1075 40TH STREET OAKLAND, CA 94608	DATE	10/18/95
	FIGURE	1
	FILE #	376-N
	DRAWN BY	VK
	CHECKED BY	

SITE SAFETY PLAN
TANK PROTECT ENGINEERING OF NORTHERN CALIFORNIA, INC.

RECEIVED
10/19/95
gld

Site: **Fidelity Roof Co.**
1075 40th Street
Oakland, CA 94608

Project Number: **376**

Original Site Safety Plan: Yes (X) No ()
Plan Prepared By: **Tank Protect Engineering**
Plan Approved By: **Louis Travis III**

Revision Number:
Date: **10/18/95**
Date: **10/19/95**

Please respond to each item as completely as possible. Where an item is not applicable, please mark "N/A".

1. KEY PERSONNEL AND RESPONSIBILITIES

(Include name, telephone number and health and safety responsibilities; i.e., project manager - Joe Smith - responsible for supervision of all site activities.)

Project Manager:	Louis Travis III,	(510) 429-8088
Site Safety Manager:	Mark Varney,	(510) 429-8088
Alternate Site Safety Manager:		
Field Team Members:	Mark Varney,	(510) 429-8088
	James Bender,	(510) 429-8088
	Michael Jordan,	(510) 429-8088
	Raymond Friend,	(510) 429-8088

Agency Reps: [Please specify by one of the following symbols: Federal: (F), State: (S), Local: (L), Contractor(s): (C)]

(L) Alameda County Health Care Services Agency: (510) 567-6700
(L) Oakland Fire Department: (510) 238-3851

2. JOB HAZARD ANALYSIS

2.1 OVERALL HAZARD EVALUATION

Hazard Level: High () Moderate (X) Low () Unknown ()
Hazard Type: Liquid () Solid () Sludge () Vapor/Gas (X)

Known or suspected hazardous materials present on site

See below: 1 - Gasoline vapors contain benzene, toluene, xylenes, ethylbenzene; 2 - Diesel; 3 - Waste oil

Characteristics of hazardous materials included above (complete for each chemical presents):

MATERIAL #1

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Volatile (X)	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation (X)	Ingestion ()	Contact (X)

Skin & Mucous Membrane

MATERIAL #2

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Semi-Volatile (X)	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation (X)	Ingestion ()	Contact (X)

MATERIAL #3

Corrosive ()	Ignitable (X)	Toxic (X)	Reactive ()
Volatile ()	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation ()	Ingestion ()	Contact (X)

MATERIAL #4

Corrosive ()	Ignitable ()	Toxic ()	Reactive ()
Volatile ()	Radioactive ()	Biological Agent ()	
Exposure Routes:	Inhalation ()	Ingestion ()	Contact ()

2.2 JOB-SPECIFIC HAZARDS

For each labor category specify the possible hazards based on information available (i.e., Task-driller, Hazards-trauma from drill rig accidents, etc.) For each hazard, indicate steps to be taken to minimize the hazard.

Task - Tank Removal; Hazard - Gasoline Vapor Explosion: To minimize - use 25 lbs. of dry ice per each 1,000 gallon capacity to inert vapor present in tank.

The following additional hazards are expected on site (i.e., snake infested area, extreme heat, etc.): N/A

Measures to minimize the effects of the additional hazards are:
N/A

3. MONITORING PLAN

3.1 (a) Air Monitoring Plan

Action levels for implementation of air monitoring. Action levels should be based on published data available on contaminants of concern. Action levels should be set by persons experienced in industrial hygiene.

Level (i.e., 5 ppm)	Action Taken (i.e., commence perimeter monitoring)
5 ppm	Cease work and commence perimeter monitoring until contamination disperses.

(b) Air Monitoring Equipment

Outline the specific equipment to be used, calibration method, frequency of monitoring, locations to be monitored, and analysis of samples (if applicable).

Air monitoring will be done by using Gastech Model 1314. Hexane will be used for calibration of Gastech.

If air monitoring is not to be implemented for this site, explain why: **N/A**

3.2 Personnel Monitoring

(Include hierarchy of responsibilities decision making on the site)

Safety officer advises field manager who delegates responsibilities to individual team workers.

3.3 Sampling Monitoring

- (a) Techniques used for sampling: **Insert a probe inside the tank to determine LEL and oxygen levels.**
- (b) Equipment used for sampling: **Gastech Model 1314
1 - Hydrocarbon Super Surveyor**
- (c) Maintenance and calibration of equipment: **Use hexane for calibration.
Equipment will be calibrated prior to operation.**

4. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Equipment used by employees for the site tasks and operations being conducted. Be Specific (i.e., hard hat, impact resistance goggles, other protective glove, etc.).

Hard hat, protective gloves (petroleum resistant), safety glasses or goggles, respirator (with organic vapor filter) for site emergency personnel.

5. SITE CONTROL AND SECURITY MEASURES

The following general work zone security guidelines should be implemented:

- Work zone shall be barricaded and caution tape used.
- Visitors will not enter the work zone unless they have attended a project safety briefing.
- Persons will not leave the work zone without first passing through the decontamination zone.

6. DECONTAMINATION PROCEDURE

List the procedures and specific steps to be taken to decontaminate equipment and PPE. **Wash with tri-sodium phosphate solution and rinse with clean potable water.**

7. TRAINING REQUIREMENTS

Prior to mobilization at the job site, employees will attend a safety briefing. The briefing will include the nature of the wastes and the site, donning personal protection equipment, decontamination procedures and emergency procedures.

8. MEDICAL SURVEILLANCE REQUIREMENTS

If any task requires a very high personnel protection level, personnel shall provide assurances that they have received a physical examination and they are fit to do the task. Also personnel will be instructed to look for any symptom of heat stress, heat stroke, heat exhaustion or any other unusual symptom. If there is any report of that kind it will be immediately followed through, and appropriate action will be taken.

9. STANDARD OPERATION PROCEDURES

Tank Protect Engineering of Northern California, Inc. (TPE) is responsible for the safety of all TPE employees on site. Each contractor shall provide all the equipment necessary to meet safe operation practices and procedures for their personnel on site and be responsible for the safety of their workers.

A "Three Warning" system is utilized to enforce compliance with Health and Safety procedures practices which will be implemented at the site for worker safety:

- * Eating, drinking, chewing gum or tobacco, and smoking will be allowed only in designated areas.
- * Wash facilities will be utilized by workers in the work areas before eating, drinking, or use of the toilet facilities.
- * Containers will be labeled identifying them as waste, debris or contaminated clothing.
- * All site personnel will be required to wear hard hats and advised to take adequate measures for self protection.
- * Any other action which is determined to be unsafe by the site safety officer.

10. CONFINED SPACE ENTRY PROCEDURES

No one is allowed to enter any confined space operation without proper safety measures.

11. EMERGENCY RESPONSE PLAN

Fire extinguisher(s) will be on site prior to excavation. Relevant phone numbers:

Person	Title	Phone No.
<u>Louis Travis III</u>	Project Manager	(510) 429-8088
_____	Fire	911 or _____
_____	Police	911 or _____
_____	Ambulance	911 or _____
_____	Poison Control Center	(800) 523-2222
_____	Nearest off-site no.	_____
<u>Alta Bates-Herrick Hospital</u>	Medical Advisor	(510) 204-2488
<u>Mr. Monte Upshaw</u>	Client Contact	(510) 547-6330
U.S EPA - ERT _____		(201) 321-6660
Chemtrec _____		(800) 424-9300
Centers for Disease Control _____	Day	(404) 329-3311
	Night	(404) 329-2888
National Response Center _____		(800) 424-8802
Superfund/RCRA Hotline _____		(800) 424-8802
TSCA Hotline _____		(800) 424-9065
National Pesticide Information Services _____		(800) 845-7633
Bureau of Alcohol, Tobacco, and Firearms _____		(800) 424-9555

HEALTH AND SAFETY COMPLIANCE STATEMENT

I, _____ have received and read a copy of the project Health and Safety Plan.

I understand that I am required to have read the aforementioned document and have received proper training under the occupational Safety and Health Act (29 CFR, Part 1910.120) prior to conducting site activities at the site.

Signature

Date

Signature

Date

Signature

Date

Signature

Date

Nearest Hospital:

Alta Bates-Herrick Hospital
3001 Colby Street
Berkeley, CA 94608
Gen. Info. (510) 204-4444
Emergency (510) 204-2488

Directions From Site:

Drive east to Telegraph Avenue. Turn left (north) onto Telegraph Avenue. Proceed on Telegraph Avenue to Ashby Ave. Turn right (east) onto Ashby Ave. Proceed on Ashby Ave. to Colby Street. Turn right (south) onto Colby Street and look for the hospital on the left hand side.

FOR CONTINUATION SEE MAP 2

ALAMEDA CO.

ZIP

DETAIL

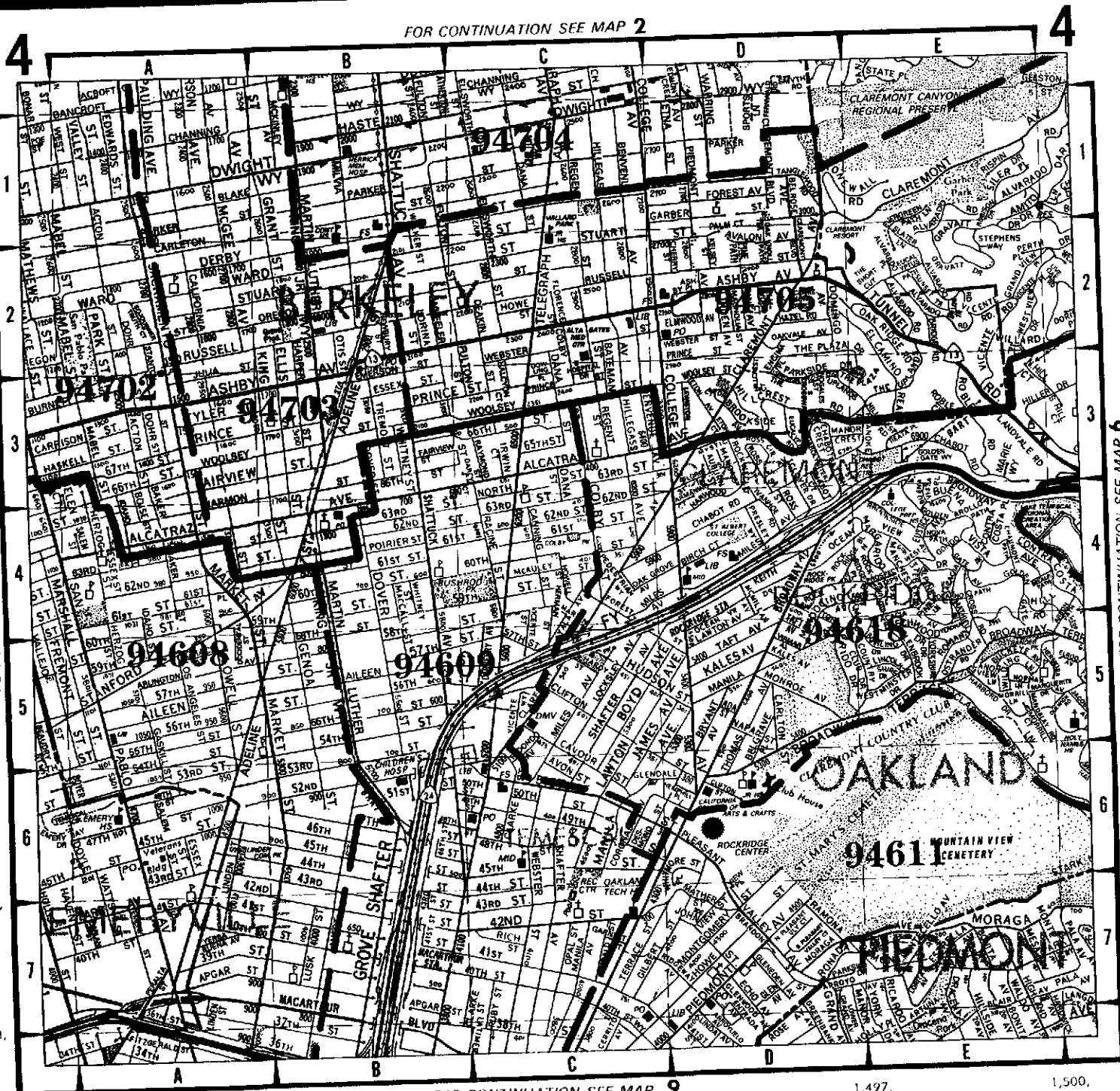
502.

500.

498.

490.

488.



1,485.

1,488.

FOR CONTINUATION SEE MAP 9

1,497.

1,500.

COPYRIGHT © 1994 BY Thomas Cook Maps®

CASH PERSONAL/CASHIER'S CHECK/M. O. # 5359 OTHER:

RECEIVED	BY: <i>Shahzadeh Noor</i>
RECEIVED	DEPT. NO.: 4580
FROM: TANK PROTECT ENGINEERING OF NORTHERN CALIF. 2821 WHIPPLE ROAD UNION CITY, CA 94587	FOR: Site: End City Roof Company. Under 1075 Worn Street Oakland CA 94608 (Note above)

DOLLARS

\$894.00

№ 767387 94608

DATE: 10/26/95

MISCELLANEOUS RECEIPT

COUNTY OF ALAMEDA OFFICE OF THE AUDITOR-CONTROLLER

REF. / A/C NO. *R*

TANK PROTECT ENGINEERING OF NORTHERN CALIFORNIA, INC. (510) 429-8088
 2821 WHIPPLE ROAD
 UNION CITY, CA 94587

WELLS FARGO BANK
 UNION CITY OFFICE
 UNION CITY, CA 94587
 11-24-1210

5359

PAY TO THE ORDER OF ACHCSA

Eight Hundred ninty Four & ⁰⁰/₁₀₀

DATE 10-25-95 AMOUNT 894.00

VOID AFTER 90 DAYS

Gaffer Farhood

Pis 376

⑈475530 1101872000121⑈ ⑈955500⑈

REF./
A/C NO. R

COUNTY OF ALAMEDA
OFFICE OF THE AUDITOR-CONTROLLER

DATE: 10 26 1985

No 767387 94608

\$894.00
DOLLARS

*Susan
Wingo*

MISCELLANEOUS RECEIPT

RECEIVED FROM: TANK PROTECT ENGINEERING OF NORWALK CALIF. 2821 WHEATLAND
 FOR: Site: F.I.D. City Roof Company: Under Union City 94587
1075 40TH Street Oakland Ca 94608 510 429 8088
 RECEIVED BY: Josephine Harris (Monte Johnson)
 DEPT. NO.: 4580

CASH PERSONAL/CASHIER'S CHECK/M. O. # 5359

OTHER: _____