

# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

R02894

## Adjacent Property Owner-Access Cooperation Request

April 22, 2008

### Springtown Inn

Attention: Owner(s)

933 Bluebell Drive

Livermore, California 94551

**Subject: Property Access by Enviro Soil Tech Consultants  
Responsible for the Investigation and Cleanup of  
Petroleum Hydrocarbon and Additives Pollution  
at 909 Bluebell Drive, Livermore, California**

Dear Sirs or Madams:

Alameda County Health Care Services Agency-Environmental Health Services (ACHCSA-EHS) is overseeing the investigation and cleanup of gasoline and additives from the fuel underground storage tanks at 909 Bluebell Drive, in Livermore site. We do not know how far the contamination from the tanks had moved; however, it appears that the contamination may have moved to underneath yours property (933 Bluebell Drive, Livermore, CA).

The ACHCSA-EHS is requiring Enviro Soil Tech Consultants (ESTC) to investigate and cleanup contaminated soil and groundwater at the site to prevent the gasoline and gasoline additives contamination from spreading to other properties and/or to drinking

RECEIVED

APR 25 2008

ENVIRONMENTAL HEALTH SERVICES

Springtown Inn  
April 22, 2008

water sources. To properly determine the extent of that contamination in groundwater, ESTC must perform additional off-site investigation. Therefore, we need your help in allowing access to your property by ESTC in order to properly define the extent of contamination.

Please include your property parcel number (for the purpose obtaining drilling permit) and all telephone numbers where we could reach you when we are going to start working on your property. If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500 or Mr. Jerry Wickham (510) 567-6791 with ACHCSA-EHS.

Sincerely,

***ENVIRO SOIL TECH CONSULTANTS***



FRANK HAMEDI-FARD  
GENERAL MANAGER

cc: Mr. Jerry Wickham  
ACHCSA-EHS  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**ENVIRO SOIL TECH CONSULTANTS**

Springtown Inn  
April 22, 2008

I/we, \_\_\_\_\_, hereby give Enviro Soil Tech Consultants  
(Please Print Name)

permission to enter onto the property at 933 Bluebell Drive, Livermore, CA 94551 for the purpose of running a soil and groundwater investigation and cleanup, as ordered by ACHCSA-EHS.

In addition, the property (933 Bluebell Drive, Drive, CA) will be returned to the conditions prior to testing, and if contamination is found, Owner(s) of Springtown Inn will be held harmless. All the financial responsibility of the cleanup following on Mr. Masood Amini Filibadi (909 Bluebell Drive property owner).

\_\_\_\_\_  
**OWNER:**

\_\_\_\_\_  
**DATE:**

\_\_\_\_\_  
**PHONE NUMBER:**

\_\_\_\_\_  
**OWNER:**

\_\_\_\_\_  
**DATE:**

\_\_\_\_\_  
**PHONE NUMBER:**

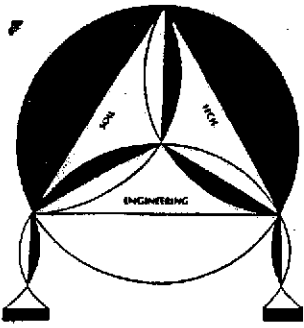
\_\_\_\_\_  
**OWNER:**

\_\_\_\_\_  
**DATE:**

\_\_\_\_\_  
**PHONE NUMBER:**

**ENVIRO SOIL TECH CONSULTANTS**

1202894



# ENVIRO SOIL TECH CONSULTANTS

Environmental & Geotechnical Consultants

131 TULLY ROAD, SAN JOSE, CALIFORNIA 95111

Tel: (408) 297-1500

Fax: (408) 292-2116

## Adjacent Property Owner-Access Cooperation Request

April 22, 2008

**Mr. Kieran Bulhley**  
Don Bauer Company  
543 Hubo Street  
San Francisco, California 94122

**Subject: Property Access by Enviro Soil Tech Consultants  
Responsible for the Investigation and Cleanup of  
Petroleum Hydrocarbon and Additives Pollution  
at 909 Bluebell Drive, Livermore, California**

Dear Mr. Bulhley:

Alameda County Health Care Services Agency-Environmental Health Services (ACHCSA-EHS) is overseeing the investigation and cleanup of gasoline and additives from the fuel underground storage tanks at 909 Bluebell Drive, in Livermore site. We do not know how far the contamination from the tanks had moved; however, it appears that the contamination may have moved to underneath yours property (940 Larkspur Drive, Livermore, CA).

The ACHCSA-EHS is requiring Enviro Soil Tech Consultants (ESTC) to investigate and cleanup contaminated soil and groundwater at the site to prevent the gasoline and gasoline additives contamination from spreading to other properties and/or to drinking

**RECEIVED**

APR 25 2008

ENVIRONMENTAL HEALTH SERVICES

Mr. Kieran Bulhley  
April 22, 2008

water sources. To properly determine the extent of that contamination in groundwater, ESTC must perform additional off-site investigation. Therefore, we need your help in allowing access to your property by ESTC in order to properly define the extent of contamination.

Please include your property parcel number (for the purpose obtaining drilling permit) and all telephone numbers where we could reach you when we are going to start working on your property. If you have any questions or require additional information, please feel free to contact our office at (408) 297-1500 or Mr. Jerry Wickham (510) 567-6791 with ACHCSA-EHS.

Sincerely,

***ENVIRO SOIL TECH CONSULTANTS***

  
FRANK HAMEDI-FARD  
GENERAL MANAGER

cc: Mr. Jerry Wickham  
ACHCSA-EHS  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

**ENVIRO SOIL TECH CONSULTANTS**

Mr. Kieran Bulhley  
April 22, 2008

I/we, \_\_\_\_\_, hereby give Enviro Soil Tech Consultants  
(Please Print Name)

permission to enter onto the property at 940 Larkspur Drive, Livermore, CA 94551 for the purpose of running a soil and groundwater investigation and cleanup, as ordered by ACHCSA-EHS.

In addition, the property (940 Larkspur Drive, Drive, CA) will be returned to the conditions prior to testing, and if contamination is found, Mr. Kieran Bulhley will be held harmless. All the financial responsibility of the cleanup following on Mr. Masood Amini Filibadi (909 Bluebell Drive property owner).

\_\_\_\_\_  
**KIERAN BULHLEY, OWNER:**

\_\_\_\_\_  
**DATE:**

\_\_\_\_\_  
**PHONE NUMBER:**

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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November 6, 2007

Masood Amini Filabadi and Sharbano Amini  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Post-It™ brand fax transmittal memo 7671		# of pages ▶ 4	
To	Mr. Amini Filabadi	From	Jerry Wickham
Co.		Co.	ACEH
Dept.		Phone #	
Fax #	925-371-0615	Fax #	

Subject: Fuel Leak Case No. RO0002894 and Geotracker Global ID T06019716197, Springtown Gas, 909 Bluebell Drive, Livermore, CA 94551

Dear Masood Amini Filabadi and Sharbano Amini:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recently submitted report entitled, "Drilling and Monitoring Well Installation at the Property Located at 909 Bluebell Drive, Livermore, California," dated October 1, 2007 and received by ACEH on October 11, 2007. The Drilling and Monitoring Well Installation report, which was prepared on your behalf by Enviro Soil Tech Consultants, presents the results from sampling of seven soil borings and three monitoring wells between August 22 and September 4, 2007.

The Drilling and Monitoring Well Installation report concludes that, "a moderate level of contamination," exists at the site and recommends starting a quarterly groundwater monitoring program and then re-evaluating the site in one year. We do not concur with the conclusions or the recommendation. As discussed in the technical comments below, the evaluation, conclusion, and recommendation in the report are inadequate. Monitoring for a period of one year would delay progress at the site and result in additional monitoring costs while not addressing the off-site extent of contamination. Plume delineation is required in the area north of STMW-1. In addition, remediation will be required to address elevated concentrations of MTBE and TBA in soil and groundwater in the area of the USTs. Therefore, we request that you submit a work plan for off-site plume delineation. We also request that you develop a site conceptual model for the site, estimate the mass of contamination in the source area, and propose pilot testing of one or more applicable remedial technologies in the area of the USTs. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

**TECHNICAL COMMENTS**

1. **Off-Site Plume Delineation.** Based on the elevated concentrations of tert butyl alcohol (TBA) and methyl tert butyl ether (MTBE) detected in groundwater from well STMW-1, further delineation of the plume is required in the downgradient direction. Monitoring well STMW-1 is located along the northern property boundary. The apparent hydraulic gradient at the site is to the northwest. Groundwater sampling is required north of the site in order to define the extent of the fuel oxygenate plume. Please present plans for off-site delineation in the Work Plan requested below.

2. **Errors on Report Figures.** Two boring locations with the designation CPT-2 are present on site figures. In the previous report entitled, "Cone Penetrometer Drilling," dated July 25, 2007, the cone penetrometer (CPT) boring north of the USTs was labeled CPT-1. In the current report, this location is designated CPT-2 along with the CPT boring location west of the USTs and dispensers, which is also designated CPT-2. Figure 6 of the report presents isocontours of MTBE and TBA. In the future, please present the concentrations of MTBE and TBA separately rather than posting the sum of the two concentrations. We note that two of the concentrations posted do not appear to be correct. The concentration of MTBE and TBA at location SB-6 is 2,340 rather than 1,340 micrograms per liter ( $\mu\text{g/L}$ ). The concentration of MTBE and TBA at location STMW-1 is 7,350 rather than 9,350  $\mu\text{g/L}$ .
3. **Analysis for PCE and TCE.** It is not clear why soil and groundwater samples have been analyzed for tetrachloroethene (PCE) and trichloroethene (TCE). Previous work plans for the site have proposed analyses for TPH as gasoline and TPH as diesel by EPA Method 8015 and analyses for volatile aromatic hydrocarbons (BTEX), gasoline oxygenates, and lead scavengers by EPA Method 8260. Analyses for a full target list of volatile organic compounds including PCE and TCE was not proposed in the work plans and was not requested or approved by ACEH.
4. **Contaminant Mass.** The Drilling and Monitoring Well Installation report concludes that, "even there [tank pit] the concentrations are not extremely high, meaning that the overall mass of hydrocarbons is fairly low relative to many similar sites." However, no estimate of the mass of fuel hydrocarbons or oxygenates at the site is provided to support this statement. The concentrations of TBA and MTBE detected in soil at the site are up to 120,000 and 4,200 micrograms per kilogram, respectively. We are not aware of any leaking fuel sites in the Livermore-Amador basin that have similar concentrations of TBA and MTBE in soil. In any case, the statement regarding the mass of hydrocarbons is unsubstantiated and misleading since it fails to recognize the elevated concentrations of fuel oxygenates in soil at the site. Conclusions in future reports must be well supported by the presentations in the report and credible.
5. **Recommendation.** We do not concur with the recommendation to conduct quarterly groundwater monitoring at the site for one year and then to re-evaluate the site. This approach is not supported by the data presented and is inappropriate based on the residual soil and groundwater contamination at the site. Off-site plume delineation is required in the area north of STMW-1. In addition, remediation will be required to address elevated concentrations of MTBE and TBA in soil and groundwater in the area of the USTs. We request that you prepare a work plan to define the off-site extent of contamination. We also request that you develop a site conceptual model for the site, estimate the mass of contamination in the source area, and propose pilot testing of one or more applicable remedial technologies in the area of the USTs.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:



- **January 18, 2008** – Work Plan for Off-site Plume Delineation and Pilot Test in Area of USTs

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

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)).

#### 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**

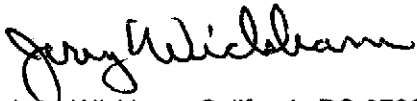
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**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) 567-6791.

Sincerely,



Jerry Wickham, California PG 3766, CEG 1177, and CHG 297  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Cheryl Dizon, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Paul Smith, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Frank Hamed, Enviro Soil Tech Consultants, 131 Tully Road, San Jose, CA 95111

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



F

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

August 16, 2007

Masood Amini Filabadi and Sharbano Amini  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. RO0002894 and Geotracker Global ID T06019716197, Springtown Gas, 909 Bluebell Drive, Livermore, CA 94551

Dear Masood Amini Filabadi and Sharbano Amini:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recently submitted report entitled, "Cone Penetrometer Drilling, Springtown Gas, 909 Bluebell Drive, Livermore, California," dated July 25, 2007 and received by ACEH on August 1, 2007. The Cone Penetrometer Drilling report, which was prepared on your behalf by Enviro Soil Tech Consultants, presents the results from two cone penetrometer borings advanced at the site on June 13, 2007. The previous Work Plan, which was dated May 3, 2007, proposed a scope of work that included two cone penetration test (CPT) borings, four Geoprobe borings, and four monitoring wells. The proposed scope of work was approved by ACEH in correspondence dated May 11, 2007. As described on page 4 of the May 3, 2007 Work Plan, the Geoprobe borings were to be advanced, "during the same field mobilization as the CPT drilling in order to expedite the investigation." We do not understand why only two cone penetrometer borings were advanced prior to submitting a report. The Geoprobe borings were not drilled and the monitoring wells were not installed. This has resulted in a delay in moving the project forward.

The primary purpose of the two CPT borings was to identify deeper water-bearing zones and evaluate the vertical extent of contamination. The purpose of the Geoprobe borings was to help define the lateral extent of contamination in the first water-bearing zone. Data from the CPT and Geoprobe borings were to be used as necessary to modify the proposed location and depth of the monitoring wells. Therefore, the Geoprobe borings should have been advanced prior to presenting recommendations regarding the monitoring wells. Moreover, the July 25, 2007 Cone Penetrometer Drilling report recommends no changes to the proposed Geoprobe boring locations.

The Cone Penetrometer Drilling report recommends moving the location of proposed monitoring well MW-4 to the west. As discussed in technical comment 4, we request that you install well MW-4 in the proposed location shown on Figure 2, which is north of SB-5. We also request that you eliminate upgradient well MW-3.

We are concerned that progress on this case is being delayed. We are also concerned with the limited data presentation in the reports, limited review of previous data, and apparent lack of a conceptual model for the contaminant release and migration. We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

## TECHNICAL COMMENTS

1. **Deeper Water-bearing Zones and Vertical Extent of Contamination.** Based on the data collected from the CPT borings, further investigation of the vertical extent of contamination is not requested at this time.
2. **CPT Boring Locations.** The Cone Penetrometer Drilling report includes several remarks regarding the lack of usefulness of the CPT borings to define the horizontal extent of contamination. The purpose of the CPT borings was to characterize the site stratigraphy, identify water-bearing zones below first-encountered groundwater, and evaluate the vertical extent of contamination. Enviro Soil Tech originally proposed that the CPT borings be drilled at the farthest locations east and west of the site. ACEH requested that the borings be advanced closer to the known sources and known shallow groundwater contamination. These modifications were requested since attempting to define the vertical extent of contamination by advancing borings outside the known extent of shallow groundwater contamination and cross gradient from the sources was not consistent with the intended purpose of the CPT borings.
3. **Proposed Depth of Geoprobe Borings.** We concur with the recommendation to limit the depth of the Geoprobe borings to less than 25 feet bgs to avoid cross contamination of a lower water-bearing zone. Therefore, the Geoprobe borings are to be drilled to 20 feet bgs. Please present the results from soil and groundwater sampling of the Geoprobe borings in the Soil and Groundwater Assessment Report requested below.
4. **Recommendations Regarding Proposed Monitoring Wells.** The Cone Penetrometer Drilling report recommends the installation of monitoring well MW-4 at a location west of the dispensers rather than north of the dispensers as requested by ACEH. A review of existing data indicates that elevated concentrations of fuel oxygenates have been detected beneath the dispensers and the area around the USTs. Three monitoring wells were previously installed at 909 Bluebell Drive as part of a site investigation for a historic release (ACEH case RO0001050) from former USTs that were located southwest of the dispensers. ACEH case RO0001050 was closed on July 17, 2000 and the three wells were decommissioned in 2000. Based on groundwater elevations measured in the three monitoring wells prior to 2000, the groundwater flow direction at the site is to the north northwest. Many of the groundwater sampling locations that have been proposed by Enviro Soil Tech are either upgradient or cross gradient from the locations where elevated concentrations of fuel oxygenates have previously been detected and from the potential sources of contamination. Therefore, we request that you install well MW-4 in the proposed location shown on Figure 2 of the Cone Penetrometer Drilling report, which is north of SB-5 and downgradient of the dispensers. Two monitoring wells (MW-2 and MW-3) are currently proposed in upgradient locations. We request that you eliminate proposed upgradient well MW-3 since only one upgradient well is needed. We request the you install monitoring wells with the recommended screen intervals from 10 to 20 feet bgs at the locations of MW-1, MW-2, and MW-4 as shown on Figure 2. Please develop and sample these wells and present these results in the Soil and Groundwater Assessment Report requested below.

5. **Presentation of Data in Reports.** The only figures presented in the Cone Penetrometer Drilling report are two site plans that show only proposed and existing sampling locations. No maps showing the distribution of historic or current site investigation data are presented. In future reports, site data must be presented on maps that illustrate the extent of contamination; this is a standard element in site investigation reports. Although the site geology is discussed in the report, including some conjecture and extrapolation, no cross sections are presented to illustrate the points raised in the text. In future reports and work plans, site maps that illustrate the extent of soil and groundwater contamination must be presented.
6. **Groundwater Samples from Boring CPT-1.** The CPT log for boring CPT-1 shows a "GW Sample," at a depth of approximately 18 to 22 feet. We did not find any references in the remainder of the report to a groundwater sample or an attempt to collect a groundwater sample at this depth. In the Soil and Groundwater Assessment Report requested below, please clarify whether a sample was attempted or collected at this depth.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **November 19, 2007** – Soil and Groundwater Assessment 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**

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.

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Masood Amini Filabadi and Sharbano Amini  
RO0002894  
August 16, 2007  
Page 4

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)).

#### 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

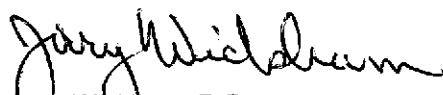
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If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Masood Amini Filabadi and Sharbano Amini  
RO0002894  
August 16, 2007  
Page 5

Attachment: Groundwater Elevation Contour Map by BSK & Associates

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

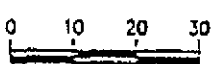
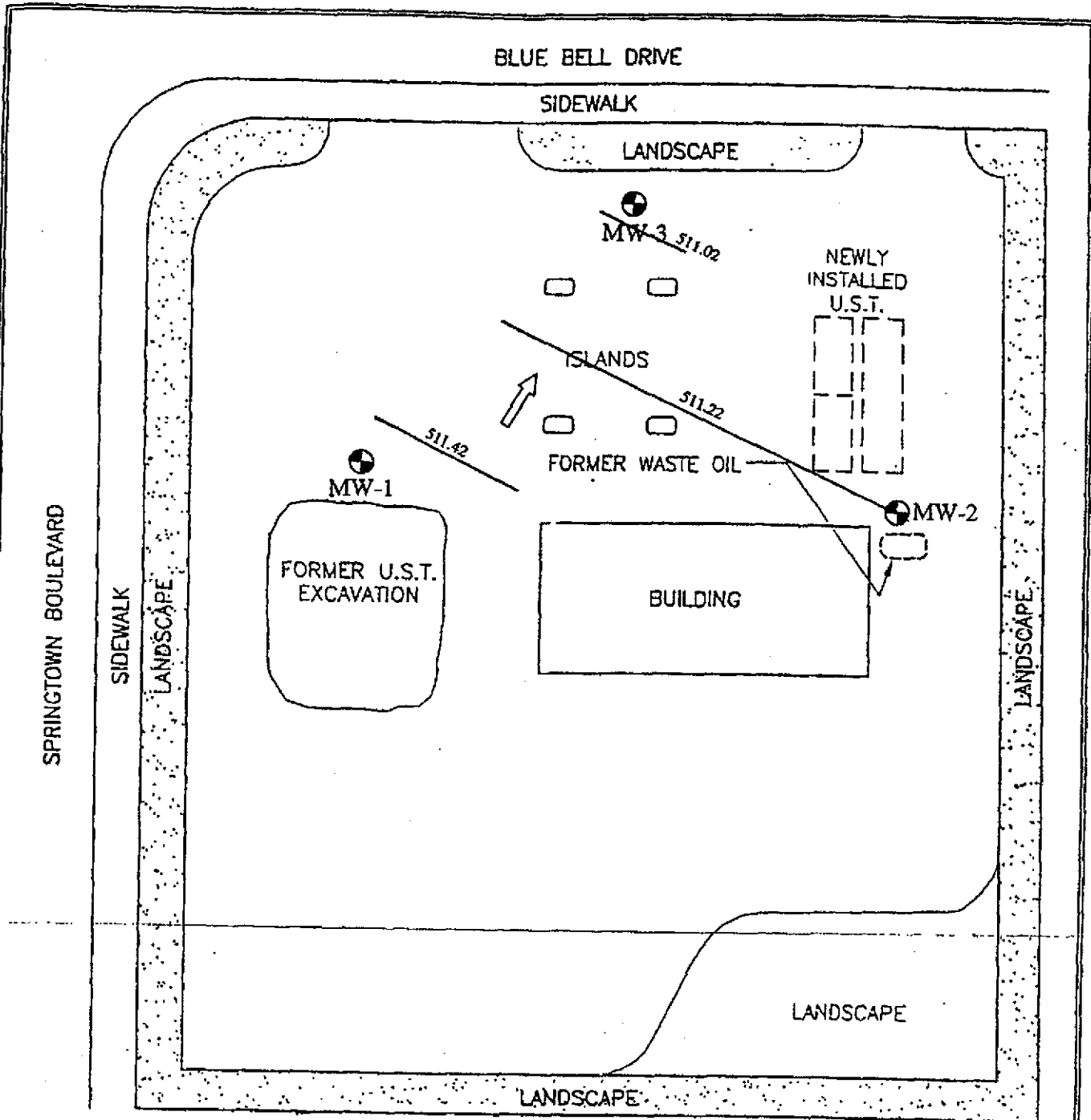
cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Paul Smith, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566




Frank Hamedi, Enviro Soil Tech Consultants, 131 Tully Road, San Jose, CA 95111

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File



Approximate Scale in feet



-  Groundwater Elevation Contour
-  Direction of Groundwater Flow
-  Approximate Location of Groundwater Monitoring Well

Groundwater Investigation  
 Underground Storage Tank Site  
 909 Bluebell Dr.  
 Livermore, California

BSK Job No. 040-40-0072  
 GROUNDWATER ELEVATION  
 CONTOUR MAP  
 FIGURE 10

**BSK**  
 &ASSOCIATES



**Wickham, Jerry, Env. Health**

~~10294~~  
R02894

**To:** info@envirosoiltech.com  
**Subject:** RE: Scheduling drilling rig for CPT drilling at 909 Bluebell Drive, Livermore

I have no objection to this schedule.

Regards,  
Jerry Wickham  
Alameda County Environmental Health  
1131 Harbor Bay Parkway  
Alameda, CA 94502-6577  
510-567-6791 phone  
510-337-9335 fax  
jerry.wickham@acgov.org

-----Original Message-----

From: Enviro Soil Tech [mailto:info@envirosoiltech.com]  
Sent: Monday, May 21, 2007 5:59 PM  
To: Wickham, Jerry, Env. Health  
Subject: Scheduling drilling rig for CPT drilling at 909 Bluebell Drive, Livermore

Good Afternoon Mr. Wickham:

This message is to inform you that we have schedule a drill rig for CPT drilling on June 13, 2007 at 8:30 AM. Could you please let us know if this schedule is alright with you?

Thank-you,  
Dianna Nguyen  
ESTC  
Tel: 408-297-1500  
Fax: 408-292-2116

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Sent via the WebMail system at envirosoiltech.com

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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May 11, 2007

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

Masood and Sharbano Amini  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. RO0002894 and Geotracker Global ID T06019716197, Springtown Gas, 909 Bluebell Drive, Livermore, CA 94551 – Work Plan Approval

Dear Masood and Sharbano Amini:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recently submitted document entitled, "Proposed Work Plan for Groundwater Investigation for the Property, 909 Bluebell Drive, Livermore, California," dated May 3, 2007 and received by ACEH on May 11, 2007. The Work Plan, which was prepared on your behalf by Enviro Soil Tech Consultants, proposes a scope of work that includes two cone penetration test (CPT) borings, four Geoprobe borings, and four monitoring wells. The proposed scope of work may be implemented provided that the technical comments below are addressed and incorporated during the proposed field investigation. Please note the revised boring locations discussed in technical comment 1 and shown on the attached Revised Figure 2. Submittal of a revised Work Plan is not required unless an alternate scope of work outside that described in the Work Plan and technical comments below is proposed.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

**TECHNICAL COMMENTS**

1. **Revised Boring Locations.** We request that the proposed boring and monitoring well locations be revised as shown on Revised Figure 2. Please present results from the site investigation in the Soil and Groundwater Assessment Report requested below.
2. **Locations and Depths for Monitoring Wells.** The proposed construction of monitoring wells within the uppermost water-bearing zone is acceptable. If upon review of soil and groundwater data from deeper intervals in the CPT borings or Geoprobe borings, there appears to be a need for monitoring wells screened in deeper intervals, we request that you submit a Work Plan Addendum for the deeper monitoring well installation.
3. **Potential for Ongoing Releases.** Please submit the results of your review of the potential for an ongoing release in the Soil and Groundwater Assessment Report requested below.
4. **Proposed Laboratory Analyses.** The proposed laboratory analyses for soil and groundwater samples are acceptable.

### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **August 13, 2007** – Soil and Groundwater Assessment 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

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)).

### 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

Masood and Sharbano Amini  
RO0002894  
May 11, 2007  
Page 3

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**

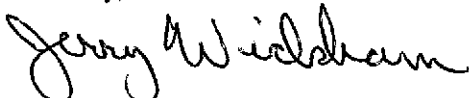
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**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) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Attachment: Revised Figure 2

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Paul Smith, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Frank Hamed, Enviro Soil Tech Consultants, 131 Tully Road, San Jose, CA 95111

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

Enviro Soil Tech  
Consultants

131 Tully Road  
San Jose, CA 95112

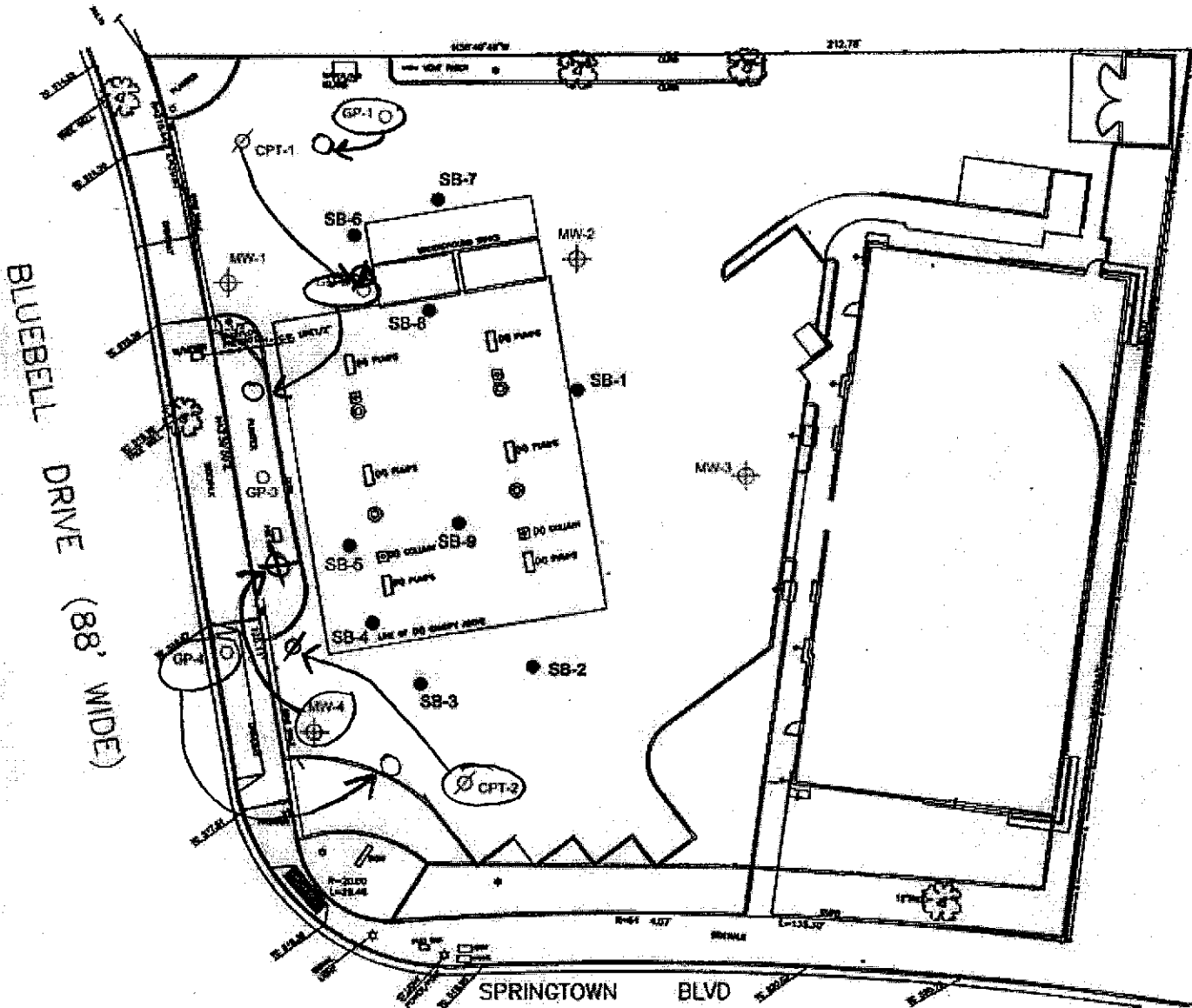
PROJECT

909 Bluebell Drive  
Livermore, California

PROJECT # 10-93-567-ST  
DATE: 4/30/2007

Figure 2

Site Map



Legend

- = Soil Boring
- = Proposed Geoprobe
- ⊗ = Proposed CPT Boring
- ⊕ = Proposed Monitor Well

← Revised Figure 2

Scale



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



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

April 20, 2007

Masood and Sharbano Amini  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. RO0002894 and Geotracker Global ID T06019716197, Springtown Gas, 909 Bluebell Drive, Livermore, CA 94551

Dear Masood and Sharbano Amini:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recently submitted report entitled, "Preliminary Investigation and Evaluation Report for the Property Located at 909 Bluebell Drive, Livermore, California," dated March 29, 2007 and received by ACEH on April 10, 2007. The report, which was prepared on your behalf by Enviro Soil Tech Consultants, presents soil and groundwater sampling results from nine soil borings advanced at the site on February 2, 2007. Methyl tert-butyl ether (MTBE) was detected in soil at concentrations up to 200 micrograms per kilogram ( $\mu\text{g}/\text{kg}$ ) and was detected in groundwater at concentrations up to 740 micrograms per liter ( $\mu\text{g}/\text{L}$ ). Tert butyl alcohol (TBA) was detected in soil at concentrations up to 110,000  $\mu\text{g}/\text{kg}$  and was detected in groundwater at concentrations up to 56,000  $\mu\text{g}/\text{L}$ . The highest concentrations of MTBE and TBA were detected in the soil borings nearest the USTs. The lateral and vertical extent of contamination has not been defined. Therefore, further investigation is required. We request that you submit a Work Plan for further investigation **no later than June 28, 2007**.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below.

**TECHNICAL COMMENTS**

1. **Lateral Extent of Contamination.** Elevated concentrations of MTBE and TBA were detected in soil and groundwater samples collected in the area of the USTs. Further investigation is required to define the lateral and vertical extent of contamination. We request that you propose additional borings to further define the extent of contamination in the area of the USTs and downgradient of the USTs and northern dispensers. A minimum of three monitoring wells will be required in order to monitor water quality and to assess the groundwater flow direction. Based on previous groundwater monitoring conducted at the site, the groundwater flow direction is expected to be to the north northwest. Please present plans for the additional investigation and monitoring well installation in the Work Plan requested below.
2. **Vertical Extent of Contamination.** As we noted in our previous January 19, 2007 correspondence, the scope of work proposed in February 2007 would did not define the

vertical extent of groundwater contamination beyond first-encountered groundwater. Because elevated concentrations of fuel oxygenates were detected in first-encountered groundwater, additional investigation of the vertical extent of contamination is necessary. We request that you advance deeper soil borings or CPT borings to assess whether soil and groundwater below a depth of 20 feet bgs has been affected by the fuel release(s). A minimum of one of the deeper soil borings is to be located in the vicinity of the USTs and one of the deeper soil borings is to be located west of the dispensers. Please present plans for the additional investigation to evaluate vertical extent of contamination in the Work Plan requested below.

3. **Potential for Ongoing Releases.** The highly elevated concentrations of the fuel oxygenates MTBE and TBA in unsaturated soils in the vicinity of the USTs could be indicative of a vapor release from the tank tops or piping in the area of the USTs. Please review the piping and dispenser upgrade activities that took place in 2005 to assess whether there was any observation or indication of potential vapor releases from the UST system. In addition, please assess the potential for a vapor release to be ongoing. If there is a potential for an ongoing vapor release, we request that you address the issue by conducting further testing of the UST system, such as tracer testing. Please present this information and your recommendations in the Work Plan requested below.
4. **Ethanol and Methanol Analyses.** Ethanol and methanol were not included in the fuel oxygenate analyses performed during the February 2007 investigation. Ethanol and methanol analyses are required for future soil and groundwater analyses.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **June 28, 2007 – Work Plan**

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**

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)).

#### 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

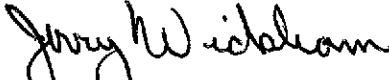
If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section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



Masood and Sharbano Amini  
RO0002894  
April 20, 2007  
Page 4

If you have any questions, please call me at (510) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Paul Smith, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Sunil Ramdass, SWRCB Cleanup Fund, 1001 I Street, 17<sup>th</sup> floor, Sacramento, CA 95814-  
2828

Frank Hamedí, Enviro Soil Tech Consultants, 131 Tully Road, San Jose, CA 95111

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File

**Wickham, Jerry, Env. Health**

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**From:** Wickham, Jerry, Env. Health  
**Sent:** Friday, January 26, 2007 7:48 AM  
**To:** 'info@envirosoiltech.com'  
**Subject:** RE: Regarding Springtown Gas at 909 Bluebell Drive, Livermore - RO#0002894

There is no need to get a new Global ID number. The existing open case is T06019716197.

Regards,

-----Original Message-----

**From:** Enviro Soil Tech [mailto:info@envirosoiltech.com]  
**Sent:** Thursday, January 25, 2007 2:22 PM  
**To:** Wickham, Jerry, Env. Health  
**Subject:** Regarding Springtown Gas at 909 Bluebell Drive, Livermore - RO#0002894

Good Afternoon Mr. Wickham:

I had tried to request a global ID number from Geotracker but was unsuccessful because the site is a closed case. Today, I had spoken with Mr. Foolad with Geotracker. He told me that in order to get a new global ID number, the oversight regulatory agency need to file URF. Could you please help me with this request because we need this number prior to field work for the samples collection for laboratory? Thank-you for your help.

Sincerely,  
Dianna Nguyen  
ESTC  
408-297-1500

---

Sent via the WebMail system at envirosoiltech.com

**Wickham, Jerry, Env. Health**

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**From:** Wickham, Jerry, Env. Health  
**Sent:** Thursday, January 25, 2007 10:34 AM  
**To:** 'info@envirosoiltech.com'  
**Subject:** RE: Boreholes Drilling Schedule at Springtown Gas at 909 Bluebell Drive, Livermore

I received your message and there are no objections to the schedule. I may visit the site on February 2, 2007 if my schedule permits.

-----Original Message-----

**From:** Enviro Soil Tech [mailto:info@envirosoiltech.com]  
**Sent:** Wednesday, January 24, 2007 3:27 PM  
**To:** Wickham, Jerry, Env. Health  
**Subject:** Boreholes Drilling Schedule at Springtown Gas at 909 Bluebell Drive, Livermore

Good Afternoon Mr. Wickham:

Per your advice, this email letter is to notify you that ESTC have scheduled to be at Springtown Gas, 909 Bluebell Drive, Livermore, on next Friday (February 2, 2007) to start the geoprobe drilling of the boreholes. Please confirm with our office that you have received this notification and if the schedule is okay with you.

Sincerely,  
Dianna Nguyen  
ESTC  
408-297-1500

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Sent via the WebMail system at envirosoiltech.com

ALAMEDA COUNTY  
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

F

ENVIRONMENTAL HEALTH SERVICES

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

January 19, 2007

Masood and Sharbano Amini  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. RO0002894, Springtown Gas, 909 Bluebell Drive, Livermore, CA –  
Work Plan Review

Dear Masood and Sharbano Amini:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including the recently submitted document entitled, "Work Plan for Soil and Groundwater Investigation for Springtown Gas Property," dated December 18, 2006 and received by ACEH on December 28, 2006. This Work Plan was prepared on your behalf by Enviro Soil Tech Consultants in response to ACEH correspondence dated November 3, 2005, March 16, 2006, and September 20, 2006. ACEH's November 3, 2005 correspondence requested that you submit a Work Plan to define the extent of soil and groundwater contamination by January 17, 2006. Since a Work Plan was not received by January 17, 2006, ACEH issued correspondence on March 16, 2006 indicating that your site was out of compliance and requesting that a Work Plan be submitted by April 18, 2006. Since no Work Plan was submitted by April 18, 2006, ACEH issued correspondence on September 20, 2006 indicating that your site was out of compliance and recommending that the Underground Storage Tank Cleanup Fund no longer reimburse you for work until the site was brought back into compliance.

The Work Plan proposes advancing seven to eight soil borings around the perimeter of the dispensers and underground storage tanks. As discussed in the technical comments below, investigation is required in closer proximity to the potential sources of contamination to assess the extent of residual contamination and water quality in the area of the USTs, dispensers, and product piping. Therefore, we request that the proposed boring locations be revised as shown on the attached Revised Figure 3. The proposed scope of work may be implemented without submittal of a revised Work Plan provided that the technical comments and modifications to the site investigation are addressed and incorporated during the field investigation. Although the Work Plan is deficient in the areas discussed in the technical comments below, the proposed scope of work minimally meets ACEH requests. The site has been brought back into compliance with ACEH directives based upon submittal of the Work Plan.

We request that you address the following technical comments, perform the proposed work, and send us the reports described below. Please provide 72-hour advance written notification to this office (e-mail preferred to [jerry.wickham@acgov.org](mailto:jerry.wickham@acgov.org)) prior to the start of field activities.

## TECHNICAL COMMENTS

- 1. Quality of Figures in Report.** Two of the three figures in the Work Plan are of poor quality making them difficult to use. The text on Figure 1 appears blurred and is generally indecipherable. Figure 2 has no scale or points of reference, making the figure largely unusable. Figure 3 is of acceptable quality. Please assure that the figures in future reports are of similar or better quality to Figure 3 rather than Figures 1 or 2.
- 2. Missing Elements of Work Plan.** The Work Plan does not include several elements that typically are included in a Work Plan for post-tank removal investigation. Specifically, the Work Plan does not include a discussion of the regional and site hydrogeology including likely groundwater flow direction, tables of previous sample results (although a Table 1 is referenced in the text), or a discussion of potential nearby receptors. Please include these elements in future work plans for the site.
- 3. Proposed Boring Locations.** The proposed boring locations are generally located around the perimeter of the dispensers and USTs. We request that four of the soil borings (SB-4, SB-5, SB-6, and SB-8) be moved to locations closer to the likely sources of contamination as shown on the Revised Figure 3, which is included as an attachment to this correspondence. We also request that one additional soil boring (SB-9) be advanced within the dispenser area where significant contamination was previously observed during the dispenser upgrade. All soil boring locations must be cleared for subsurface obstructions to assure that utilities and product piping are not damaged by the soil borings as discussed in the Health and Safety Plan. If utilities or other subsurface obstructions are present at any of the proposed locations, please move the locations to the nearest location where the boring can be safely advanced. Please present results from the soil borings in the Site Investigation Report requested below.
- 4. Proposed Depth of Soil Samples.** The Work Plan proposes collection of soil samples, "at depths of 1, 6, 11, and 16 feet so that hydrocarbon isocontour maps can be constructed at the depths at which the dispenser samples were collected, as well as deeper depths." The Work Plan does not reference a datum point for the proposed sample depths; however, we assume the depths refer to depth below ground surface (bgs). Please note that the depths listed in the July 29, 2005 "Report on Dispenser and Fuel Pipeline Soil Sampling," are referenced to feet below the base of pea gravel rather than ground surface. Therefore, the presumption stated in the first paragraph of the Proposed Scope of Work on page 6 of the Work Plan that soil contamination is limited to "very shallow depths of 1-5 feet," is not accurate. The collection of soil samples at the proposed depths 1, 6, 11, and 16 feet below ground surface is not consistent with the depths at which the previous dispenser samples were collected and soil contamination was detected. We request that soils be continuously logged and screened in the field. Soil samples are to be collected for laboratory analysis at significant vertical changes in soil type, the top of the capillary fringe, and from zones where visible staining, odor, or elevated PID readings are observed. Please note that if visible staining, odor, or elevated PID readings are observed, a sufficient number of soil samples must be collected to characterize the vertical interval over which the contamination occurs. If no visible soil staining, odor, or elevated PID readings are observed, soil samples are to be collected for laboratory analysis at 5-foot intervals beginning at a depth of 5 feet bgs. Please present boring logs, screening results, and analytical data for soil samples in the Site Investigation Report requested below.

5. **Vertical Extent of Soil and Groundwater Contamination.** The Work Plan currently proposes to advance each boring to a depth of 16 feet below ground surface or to continue the borings 10 feet below the last evidence of contamination if evidence of fuel hydrocarbons is observed in the soil borings. Groundwater samples are to be collected from each soil boring. We request that the soil borings be extended the deeper of at least 5 feet beyond first encountered groundwater in order to collect a groundwater sample or 10 feet beyond the last evidence of contamination. Please note that the proposed scope of work will not define the vertical extent of groundwater contamination beyond first-encountered groundwater. Therefore, additional investigation of the vertical extent of contamination will be necessary if contamination is detected in the first encountered water-bearing layer.
6. **Well Survey.** We request that you locate all water supply wells (monitoring and production wells: active, inactive, standby, decommissioned, abandoned and dewatering, drainage and cathodic protection wells) within 2,000 ft of the subject site. We recommend that you obtain well information from both the Zone 7 Water Agency and the State of California Department of Water Resources, at a minimum. Submittal of maps showing the location of all wells identified in your study, and the use of tables to report the data, including well construction details, collected as part of your survey are required. Well construction details are to include the well diameter, screen slot size, total depth of the boring, depths of the screened interval, depths of the filter pack, year of installation, and other construction details that may be relevant. The status of the water supply well, whether active, decommissioned, or unknown is to be included where known. Please present your results in the Site Investigation Report requested below.
7. **Geotracker Submittals.** A review of the SWRCB Geotracker website indicates that no data or reports have been submitted to Geotracker for your site (Geotracker Global ID T06019716197). Pursuant to CCR Sections 2729 and 2729.1, beginning September 1, 2001, all analytical data, including monitoring well samples, submitted in a report to a regulatory agency as part of the LUFT program, must be transmitted electronically to the SWRCB Geotracker website via the internet. Additionally, beginning January 1, 2002, all permanent monitoring points utilized to collect groundwater samples (i.e. monitoring wells) and submitted in a report to a regulatory agency, must be surveyed (top of casing) to mean sea level and latitude and longitude accurate to within 1-meter accuracy, using NAD 83, and transmitted electronically to the SWRCB Geotracker website. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please upload all analytical data (collected on or after September 1, 2001) and a copy, in PDF format, of all reports prepared after July 1, 2005.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- **May 22, 2007** – Site Investigation 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

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#### 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**

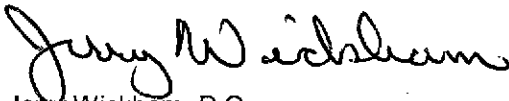
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**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) 567-6791.

Sincerely,



Jerry Wickham, P.G.  
Hazardous Materials Specialist

Attachment: Revised Figure 3

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Paul Smith, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Sunil Ramdass, SWRCB Cleanup Fund, 1001 I Street, 17<sup>th</sup> floor, Sacramento, CA 95814-  
2828

Shari Knierem, SWRCB Cleanup Fund, 1001 I Street, 17<sup>th</sup> floor, Sacramento, CA 95814-  
2828

Frank Hamedi, Enviro Soil Tech Consultants, 131 Tully Road, San Jose, CA 95111

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File



Enviro Soil Tech  
Consultants

131 Tully Road  
San Jose, CA 95112

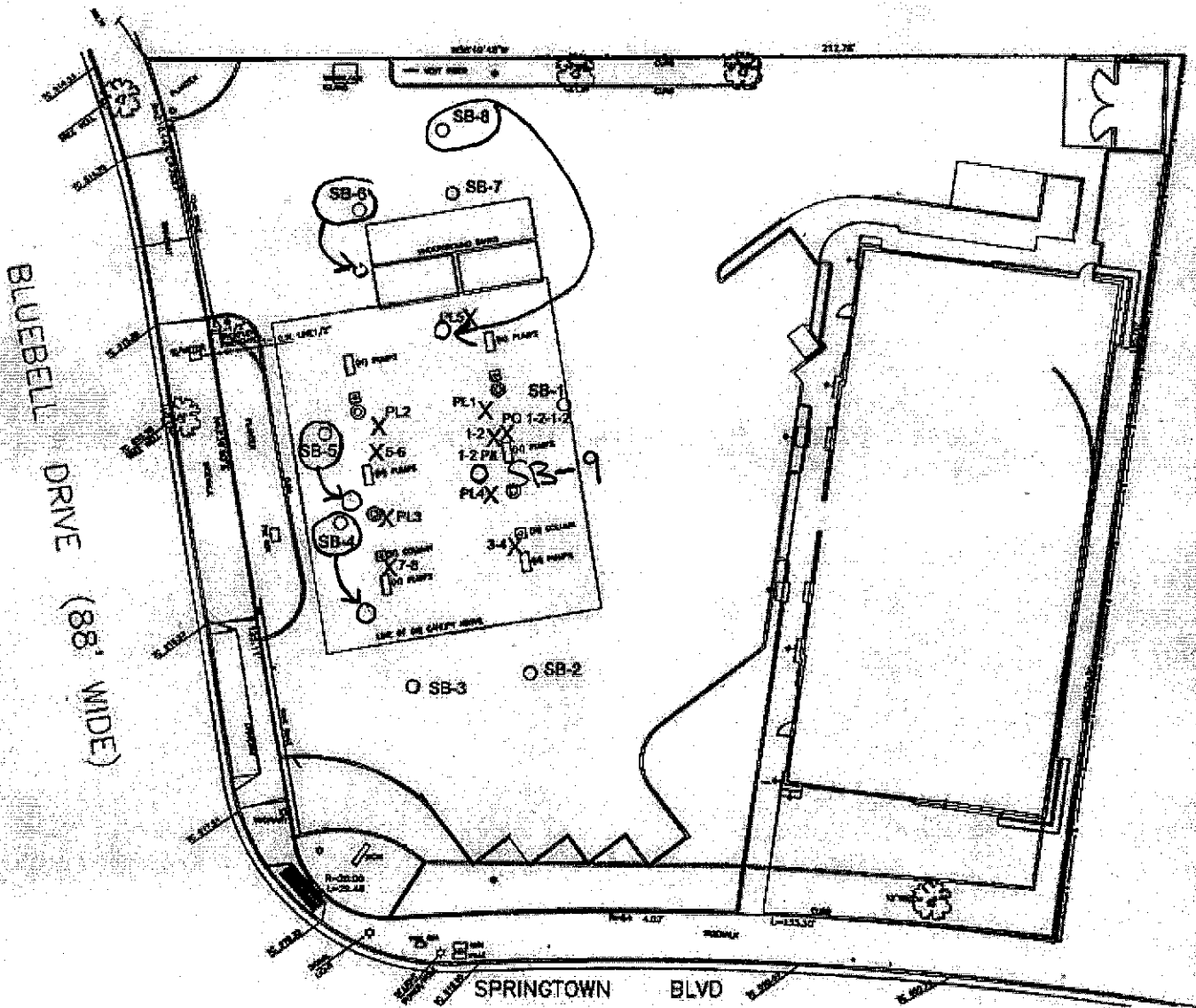
PROJECT

909 Bluebell Drive  
Livermore, California

PROJECT # 10-93-567-ST  
DATE: 12/27/2008

Figure 3

Proposed Borings



Revised Figure 3

Legend

- = Proposed Soil Boring
- X = Soil Sample

Scale



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



7

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

September 20, 2006

Masood and Amini Sharbano  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. ~~PC0000004~~, Springtown Gas, 909 Bluebell Drive, Livermore, CA –

Dear Masood and Amini Sharbano:

In correspondence dated November 3, 2005, Alameda County Environmental Health (ACEH) requested a Work Plan for soil and water investigation at the above-referenced site by January 17, 2006. We reiterated our request for a Work Plan in correspondence dated March 16, 2006. To date, we have not received a Work Plan or a request for a schedule extension. Your site overlies a sensitive drinking water aquifer, and limited progress has been made toward evaluating potential petroleum hydrocarbon impacts. The lateral and vertical extents of subsurface contamination at the site are undefined. **Your site is out of compliance with directives from this agency.**

In order for your site to return to compliance, please **submit the previously requested Work Plan within 30 days of the date of this letter (by October 20, 2006)**. This date is not an extension of your due date, reports for this site are late and your site is out of compliance. Due to the lack of compliance with ACEH requests, ACEH recommends that the Underground Storage Tank Cleanup Fund not reimburse you for work until the site is brought back into compliance.

Please note that we have started the enforcement process on this case by requesting a revocation of your eligibility to receive grant money from the state's Underground Storage Tank Fund (Senate Bill 2004) to reimburse you for the cost of investigation and cleanup. Further delays in investigation, late reports, or enforcement actions may result in referral of 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.

**TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **October 20, 2006** – Work Plan for Soil and Groundwater Investigation

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. 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)).

#### 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**

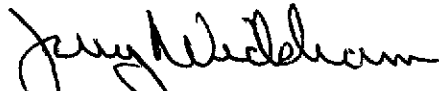
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**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) 567-6791.

Sincerely,



Jerry Wickham

Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201  
Zone 7 Water Agency  
100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani  
Livermore-Pleasanton Fire Department  
3560 Nevada Street  
Pleasanton, CA 94566

Sunil Ramdass  
SWRCB Cleanup Fund  
1001 I Street, 17<sup>th</sup> floor  
Sacramento, CA 95814-2828

Shari Knierem  
SWRCB Cleanup Fund  
1001 I Street, 17<sup>th</sup> floor  
Sacramento, CA 95814-2828

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File



A GROUND WATER CONSULTANCY

Alameda County  
MAR 23 2006  
Environmental Health

RO2894

MAR 21 11:38

March 21, 2006

Mr. Jerry Wickham  
Hazardous Materials Specialist  
Alameda County Health Care Services Agency  
Environmental Health Services  
Environmental Protection  
1131 Harbor Bay Parkway, Suite 250  
Alameda, California 94502-6577

RE: Fuel Leak Case RO0002894 - Springtown Gas, 909 Bluebell Drive, Livermore, California

Dear Mr. Wickham;

Please be advised that H<sub>2</sub>OGEOL's services to Masood and Amini Sharbano for Springtown Gas ended in August 2005 and that no further involvement with this property is anticipated at this time.

Please remove H<sub>2</sub>OGEOL from your routing list.

Please do not hesitate to email [h2ogeol@comcast.net](mailto:h2ogeol@comcast.net) or call the undersigned at 925-373-9211 should you have any questions.

Sincerely,

Gary D. Lowe, P.G. (3768), C.E.G. (1559)  
C.H.G. (127)  
Principal, Hydrogeologist  
H<sub>2</sub>OGEOL A GroundWater Consultancy

ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



7

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

March 16, 2006

Masood and Amini Sharbano  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. [REDACTED] Springtown Gas, 909 Bluebell Drive, Livermore, CA –  
Request for Work Plan

Dear Masood and Amini Sharbano:

In correspondence dated November 3, 2005, Alameda County Environmental Health (ACEH) requested a Work Plan for soil and water investigation at the above-referenced site by January 17, 2006. To date, we have not received a Work Plan. Your site overlies a sensitive drinking water aquifer, and limited progress has been made toward evaluating potential petroleum hydrocarbon impacts. The lateral and vertical extents of subsurface contamination at the site are undefined. We reiterate the request made in our November 3, 2005 correspondence (copy attached) to evaluate whether groundwater has potentially been affected by a fuel release.

Your soil and water investigation Work Plan is late, and your fuel leak site is not in compliance with ACEH directives. We request that you submit a Work Plan **no later than April 18, 2006**. ACEH makes this request pursuant to California Health & Safety Code Section 25296.10. 23 CCR sections 2652 through 2654, and 2721 through 2728 outline the duties of a responsible party in response to a reportable unauthorized release from a petroleum UST system, and require your compliance with this request.

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

Please note that further delays in investigation, late reports, or enforcement actions may result in your becoming ineligible to receive cost reimbursement from the State's Underground Storage Tank Cleanup Fund.

**TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **April 18, 2006** – Work Plan for Soil and Groundwater Investigation

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. 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 [jerry.wickham@acgov.org](mailto:jerry.wickham@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**

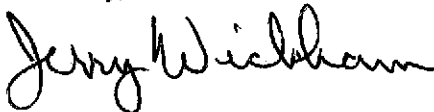
Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

**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) 567-6791.

Sincerely,



Jerry Wickham  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Matt Katen, QIC 80201  
Zone 7 Water Agency  
100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani  
Livermore-Pleasanton Fire Department  
3560 Nevada Street  
Pleasanton, CA 94566

Gary Lowe  
H2O Geol  
P.O. Box 2165  
Livermore, CA 94551-2165

Donna Drogos, ACEH  
Jerry Wickham, ACEH  
File



ALAMEDA COUNTY  
HEALTH CARE SERVICES

AGENCY  
DAVID J. KEARS, Agency Director



7

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

November 3, 2005

Masood and Amini Sharbano  
Springtown Gas  
909 Bluebell Drive  
Livermore, CA 94551-1419

Subject: Fuel Leak Case No. [REDACTED], Springtown Gas, 909 Bluebell Drive, Livermore, CA – Request for Work Plan

Dear Masood and Amini Sharbano:

Alameda County Environmental Health (ACEH) staff has reviewed the case file for the above-referenced site, including correspondence entitled, "Report on Dispenser and Fuel Pipeline Soil Sampling – Springtown Gas," dated July 29, 2005, prepared on your behalf by H2O Geol. The correspondence summarizes the results from soil samples collected on June 29, 2005. Total petroleum hydrocarbons as diesel (TPHd) were detected in five soil samples at concentrations up to 150 milligrams per kilogram (mg/kg). Total petroleum hydrocarbons as gasoline (TPHg) were detected in three soil samples at concentrations up to 220 mg/kg. The fuel oxygenates methyl tert-butyl ether (MTBE) and tert-butyl alcohol (TBA) were detected in more than half of the soil samples at concentrations up to 4.2 and 120 mg/kg, respectively. TPHd, TPHg, MTBE, and TBA were also detected in a groundwater sample collected from the excavation.

Based on the concentrations of TPH and fuel oxygenates detected in the soil and water samples, an investigation is required to assess the extent of soil and groundwater contamination beneath your site. We recommend that your investigation incorporate expedited site assessment techniques. Expedited site assessment tools and methods are a scientifically valid and cost-effective approach to fully define the three-dimensional extent of groundwater contamination. Technical protocol for expedited site assessments are provided in the U.S. Environmental Protection Agency's "Expedited Site Assessment tools for Underground Storage Tanks: A Guide for Regulators," (EPA 510-B-97-001), dated March 1997. Therefore, we recommend that you utilize direct push technology to collect soil samples and depth-discrete groundwater samples prior to the installation of groundwater monitoring wells. Sampling locations should be located to assess the extent of soil and groundwater contamination. Other options for additional investigation may be appropriate to define contamination at your site.

Please submit a work plan detailing your proposal to define the extent of soil and groundwater contamination by **January 17, 2006**. This report is being requested pursuant to the Regional Water Quality Control Board's (Regional Board) authority under Section 13267 of the California Water Code.

**REQUEST FOR INFORMATION**

ACEH's case files for the subject site contains only the correspondence entitled, "Report on Dispenser and Fuel Pipeline Soil Sampling – Springtown Gas," dated July 29, 2005 without appendices. Please submit a copy of this report with appendices and any other reports you have

documenting investigation activities or other work related to this UST system/site with the work plan requested below. In addition, we request that you submit a completed unauthorized release form for the fuel leak.

### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Mr. Jerry Wickham), according to the following schedule:

- **January 17, 2006** – Work Plan for Soil and Groundwater Investigation

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

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to 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 Instructions." 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. 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 monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board for more information on these requirements ([http://www.swrcb.ca.gov/ust/cleanup/electronic\\_reporting](http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting)).

### 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.

#### **LANDOWNER NOTIFICATION REQUIREMENTS**

Pursuant to California Health & Safety Code Section 25297.15, the active or primary responsible party for a fuel leak case must inform all current property owners of the site of cleanup actions or requests for closure. Furthermore, ACEH may not consider any cleanup proposals or requests for case closure without assurance that this notification requirement has been met. Additionally, the active or primary responsible party is required to forward to ACEH a complete mailing list of all record fee title holders to the site.

At this time, we require that you submit a complete mailing list of all record fee title owners of the site by **December 9, 2005**, which states, at a minimum, the following:

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

- OR -

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

*(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)*

In the future, for you to meet these requirements when submitting cleanup proposals or requests for case closure, ACEH requires that you:

1. Notify all current record owners of fee title to the site of any cleanup proposals or requests for case closure;
2. Submit a letter to ACEH which certifies that the notification requirement in 25297.15(a) of the Health and Safety Code has been met;
3. Forward to ACEH a copy of your complete mailing list of all record fee title holders to the site; and
4. Update your mailing list of all record fee title holders, and repeat the process outlined above prior to submittal of any additional *Corrective Action Plan* or your *Request for Case Closure*.

Your written certification to ACEH (Item 2 above) must state, at a minimum, the following:

A. *In accordance with Section 25297.15(a) of the Health & Safety Code, I, (name of primary responsible party), certify that I have notified all responsible landowners of the enclosed proposed action. (Check space for applicable proposed action(s)):*

- cleanup proposal (Corrective Action Plan)*  
 *request for case closure*

\_\_\_ local agency intention to make a determination that no further action is required

\_\_\_ local agency intention to issue a closure letter

- OR -

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

**(Note: Complete item A if there are multiple site landowners. If you are the sole site landowner, skip item A and complete item B.)**

### **UNDERGROUND STORAGE TANK CLEANUP FUND**

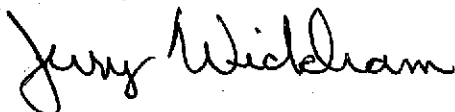
Please be aware that you may be eligible for reimbursement of the costs of investigation from the California Underground Storage Tank Cleanup Fund (Fund). In some cases, a deductible amount may apply. If you believe you meet the eligibility requirements, I strongly encourage you to call the Fund for an application.

### **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) 567-6791.

Sincerely,



Jerry Wickham  
Hazardous Materials Specialist

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Colleen Winey, QIC 80201, Zone 7 Water Agency, 100 North Canyons Parkway  
Livermore, CA 94551

Danielle Stefani, Livermore-Pleasanton Fire Department, 3560 Nevada Street  
Pleasanton, CA 94566

Donna Drogos, ACEH  
Jerry Wickham, ACEH

RO 2894

Livermore - Pleasanton



Fire Department

October 25, 2005

Mr. Mike Amini  
909 Bluebell Dr.  
Livermore, CA 94550

Alameda County  
NOV - 7 2005  
Environmental Health

\*\*\*\* Notice of Violation \*\*\*\*

**Re: Requirement to complete and submit an Underground Storage Tank  
Unauthorized Release (leak) Contamination Site Report, (URR), Springtown  
Gasoline, 909 Bluebell Dr., Livermore, CA 94550**

Dear Mr. Amini:

As you are aware, I received a Dispenser/ Fuel Pipeline Soil Sampling Report, dated July 29, 2005 from your consultant H<sub>2</sub>O Geol. This report documented Total Petroleum Hydrocarbon contamination as gasoline at 220, 000 mg/kg in soil and methyl tertiary-butyl ether (MtBE) at 62 ug/l in water at the site.

I required that you complete the URR document in an inspection report issued to you on August 10, 2005. In voice mail messages to you on August 11, 2005 and September 22, 2005 I again requested this information. I have not yet received this report from you.

You should be aware that Section 25299 of the California Health & Safety Code authorizes significant monetary penalties for failure to comply with this reporting requirement. Attached is the URR report.

**You are required to complete this report and send all copies back to me by November 4, 2005.** I will then endorse the URR form and send the appropriate copy back to you.

Please feel free to contact me if you have any questions regarding this matter at (925) 454-2339 or psmith@lpfire.org.

Sincerely,

Paul M. Smith  
Hazardous Materials Inspector

- Donna Drogos, ACDEH/LOP, 1131 Harbor Bay Parkway, Alameda, CA 94502
- Kevin Young, City of Livermore, City Attorney's Office
- Gary Lowe, H2O Geol, P.O. Box 2165, Livermore, CA 94551-2165

3560 Nevada Street, Pleasanton, CA 94566

Administration & Suppression  
(925) 454-2361  
Fax 249-2397

Fire Prevention Bureau  
(925) 454-2361  
Fax 454-2367

# ENGINEERING, INC.

P.O. Box 1025  
 West Sacramento, CA 95691  
 (916) 372-1888

Invoice Date	Invoice #
August 31, 2005	20712

Bill To
Mr. Mike Amini  909 Bluebell Drive Livermore, CA 94550

Facility
Springtown Gas  909 Bluebell Drive Livermore, CA 94550

Contract Date	Our Job #	Contract Type	Terms
January 25, 2005	28605	Fueling System Installation	Net 10

Contract Changes		Application for Payment		Total
1	Tank Repair \$3,392.50	1.	Original Contract Amount	218,832.00
2	Load, Haul & Dispose of Contaminated Soil \$9,090.72	2.	Net Change by Change Orders	12,483.22
		3.	Current Contract Amount	<u>231,315.22</u>
		4.	Total Completed and Stored to Date (66.3%)	153,359.72
		5.	Retention (10%)	(15,336.00)
		6.	Total Earned to Date, Less Retention	<u>138,023.72</u>
		7.	Less: Previous Payments Received	76,859.50
		8.	Current Payment Due	<u><u>61,164.22</u></u>

Comments:  
 Progress billing #3 - 66.3%.  
 Please see attached schedule of values.

<b>TOTAL</b>	<b>\$ 61,164.22</b>
--------------	---------------------

# 1018  
 9.14.5

R0 2894

# 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 checked="" type="checkbox"/> YES <input 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 07/29/05		CASE #		SIGNED _____ DATE _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT MIKE Amini		PHONE (925) 487-2598	SIGNATURE [Signature]	
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> REGIONAL BOARD <input type="checkbox"/> OTHER		COMPANY OR AGENCY NAME Springtown GAS		
ADDRESS 909 _____ STREET BLUE BELL DR CITY LIVERMORE STATE CA ZIP 94550					
RESPONSIBLE PARTY	NAME SAME <input type="checkbox"/> UNKNOWN		CONTACT PERSON SAME		PHONE (925) 487-2598
	ADDRESS				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) 909 BLUE BELL DR		OPERATOR MIKE Amini	PHONE (925) 487-2598	
	ADDRESS Springtown Blvd		CITY LIVERMORE	COUNTY ALAMEDA	
	CROSS STREET				
IMPLEMENTING AGENCIES	LOCAL AGENCY L P F D		AGENCY NAME		CONTACT PERSON Paul Smith
	REGIONAL BOARD chuck Headlee				PHONE ( )
SUBSTANCES INVOLVED	NAME T.P.H GAS @ 220 mg/kg				QUANTITY LOST (GALLONS) <input type="checkbox"/> UNKNOWN
	MIBC 146 kg/kg				<input checked="" type="checkbox"/> UNKNOWN
DISCOVERY/ABATEMENT	DATE DISCOVERED 07/29/05		HOW DISCOVERED <input type="checkbox"/> INVENTORY CONTROL <input type="checkbox"/> SUBSURFACE MONITORING <input type="checkbox"/> NUISANCE CONDITIONS <input type="checkbox"/> TANK TEST <input type="checkbox"/> TANK REMOVAL <input checked="" type="checkbox"/> OTHER		
	DATE DISCHARGE BEGAN _____		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input type="checkbox"/> REMOVE CONTENTS <input 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 checked="" type="checkbox"/> OTHER TANK TOPped		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, DATE _____				
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> TANK LEAK <input checked="" type="checkbox"/> UNKNOWN <input 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 CHECK ONE ONLY <input checked="" type="checkbox"/> UNDETERMINED <input type="checkbox"/> SOIL ONLY <input 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 checked="" 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 type="checkbox"/> CLEANUP UNDERWAY				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) (SEE BACK FOR DETAILS) <input checked="" type="checkbox"/> EXCAVATE & DISPOSE (ED) <input type="checkbox"/> REMOVE FREE PRODUCT (FP) <input type="checkbox"/> ENHANCED BIO DEGRADATION (IT) <input type="checkbox"/> CAP SITE (CD) <input type="checkbox"/> EXCAVATE & TREAT (ET) <input type="checkbox"/> PUMP & TREAT GROUNDWATER (GT) <input type="checkbox"/> REPLACE SUPPLY (RS) <input type="checkbox"/> CONTAINMENT BARRIER (CB) <input type="checkbox"/> NO ACTION REQUIRED (NA) <input type="checkbox"/> TREATMENT AT HOOKUP (HU) <input type="checkbox"/> VENT SOIL (VS) <input type="checkbox"/> VACUUM EXTRACT (VE) <input type="checkbox"/> OTHER (OT)				
COMMENTS	Contamination confirmed in 07.29.05 H206Ed Report				

Alameda County Environmental Health NOV 14 2005

## 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 2300 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", then "Current Status" should refer to the status of the ground water investigation or cleanup, as opposed to that of soil. Descriptions of options follow:

No Action Taken - 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 CONSIDERED AS REPRESENTING THE OFFICIAL POSITION OF ANY GOVERNMENTAL AGENCY.

### REMEDIATION ACTION

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

Cap Site - install horizontal impermeable 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 Free Product - remove floating product from water table.  
Pump 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 Backup - 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. Regional Water Quality Control Board
3. Local Health Officer and County Board of Supervisors or their designee to receive Proposition 65 notifications.
4. Owner/responsible party.