



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

March 12, 2010

Casimiro Damele
3750 Victor Avenue
Oakland, CA 94619

Subject: Public Notification for Fuel Leak Case No. RO0000132 and GeoTracker Global ID T0600100430, ARCO, 4401 Market Street, Oakland, CA 94608

Dear Mr. Damele:

Thank you for the recently submitted document entitled, "Letter Report Response to Alameda County Comments dated 24 September 2009," dated November 18, 2009, which was prepared by Streamborn for the subject site. Streamborn has also submitted "draft" public notification fact sheet for review and comment. Alameda County Environmental Health (ACEH) staff has reviewed the case file including the above-mentioned report for the above-referenced site, and it appears that Streamborn has adequately responded to ACEH's concerns of adequate groundwater contaminant plume illustration on site figures, addressed the potential risk to off-site properties, and has satisfied the landowner notification requirement.

Pursuant to California Code of Regulations, Title 23, Division 3, Chapter 16, §2728, ACEH requires notification to the public of the proposed case closure for the site. To that end, ACEH has reviewed, edited, and will send out the public participation fact sheet (enclosed), which describes the site and previous investigation activities that were conducted to the property addresses listed on the enclosed List of Public Participants. Public comments on the proposed action will be accepted for a period of thirty days beginning Monday, March 15, 2010 through Wednesday, April 14, 2010. Following the public comment period, the comments received must be addressed and incorporated into a closure report submitted to ACEH for review.

TECHNICAL REPORT REQUEST

Please submit technical reports to ACEH (Attention: Paresh Khatri), according to the following schedule:

- **April 14, 2010** – End of 30-day Public Participation Period
- **May 14, 2010** – Case Closure Summary Report

Mr. Damele
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Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please call me at (510) 777-2478 or send me an electronic mail message at paresh.khatri@acgov.org.

Sincerely,

Paresh C. Khatri
Hazardous Materials Specialist

Enclosure: Public Participation Fact Sheet
List of Public Participation Property Addresses
ACEH Electronic Report Upload (ftp) Instructions

Attachment: Responsible Party(ies) Legal Requirements/Obligations

cc: Douglas Lovell, Streamborn, P.O. Box 8330, Berkeley, CA 94707-8330
Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA
94612-2032 (Sent via E-mail to: lgriffin@oaklandnet.com)
Donna Drogos, ACEH (Sent via E-mail to: donna.drogos@acgov.org)
Paresh Khatri, ACEH (Sent via E-mail to: paresh.khatri@acgov.org)
GeoTracker
File



FACT SHEET ON ENVIRONMENTAL ASSESSMENT ARCO

(now George's Auto Repair Services)

4401 Market Street, Oakland, CA 94608-3423

Fuel Leak Case No. RO0000132 and

GeoTracker Global ID T0600100430

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Site Remediation Summary

This fact sheet has been prepared to inform community members and other interested stakeholders regarding the status of the soil and groundwater cleanup at the former ARCO (now George's Auto Repair Services) located at 4401 Market Street, in Oakland, California. Casimiro Damele is the lead responsible party for the case and his environmental consultant is Streamborn. Four underground storage tanks (USTs), the suspected source of petroleum hydrocarbon contamination, were removed from the site.

Site Background

The subject site is located approximately three miles north of downtown Oakland. The surrounding land use is mixed residential and commercial. The site is currently operated as an automotive repair facility.

The structure at 4401 Market Street was reportedly constructed in 1943 and operated as a gasoline station until the 1970s. The details of the underground tank installations are not available. In June 1990, one 1,000-gallon underground gasoline tank and three 500-gallon underground gasoline tanks were removed from the southeast portion of the site. During tank removal, soil samples were collected from beneath the tanks and associated piping and petroleum contamination was discovered.

Site Investigations

The Alameda County Environmental Health (ACEH), the local regulatory agency, oversees investigation and cleanup activities at the site. From 1994 to 2009, soil, groundwater, and soil vapor investigations were completed at the site and surrounding area. These investigations characterized the hydrogeology, subsurface conditions, and the nature, extent, and fate of the petroleum contamination.

Subsurface conditions at the site typically consist of (1) silt and clay with varying amounts of sand, starting at the ground surface and extending to a depth of approximately 18 feet, overlying (2) sand with varying amounts of gravel, clay, and silt. The sand layer extends to a depth of at least 25 feet (the maximum depth that has been explored).

Groundwater occurs at a depth of approximately 13 feet and fluctuates up and down about 1 foot seasonally. The

groundwater gradient is directed toward the southwest.

Site investigations have revealed a zone of soil contamination beneath the former tanks that extends vertically from the base of the tanks to the groundwater table and underlying smear zone (from approximately 7 to 15 feet deep). Downgradient (southwest) of the former tanks, soil contamination generally coincides with the groundwater table/smear zone (soil contamination starts at a depth of approximately 12 feet and extends to a depth of approximately 15 feet). This soil contamination extends laterally up to ± 90 feet downgradient of the former tanks. The soil contamination likely extends beneath the neighboring property at 903 44th Street (see map below).

Contaminated soil has caused localized groundwater contamination. Groundwater contamination extends slightly deeper than soil contamination. Available data indicates that the groundwater plume is not migrating and groundwater concentrations are generally decreasing with time. Natural attenuation mechanisms, primarily biodegradation, will eventually decrease contaminant concentrations to below laboratory detection limits - the contamination will eventually abate entirely.

The primary chemicals of concern are total petroleum hydrocarbons as gasoline (TPH-gasoline) and benzene. In soil, TPH-gasoline and benzene have been measured at concentrations below the Regional Water Quality Control Board's (RWQCB) applicable environmental screening levels (ESLs). In groundwater, TPH-gasoline and benzene have been measured at concentrations slightly above environmental screening levels for drinking water, but below other applicable screening levels. The most likely exposure route for contamination, which may affect human health, is potential contaminant volatilization to indoor air exposure. The potential for such exposures can be evaluated with the collection of soil vapor samples from the subsurface. In soil vapor, benzene has been measured at concentrations below environmental screening levels for vapor inhalation in a residential setting.

Even though groundwater concentrations exceed drinking water criteria, there are no nearby wells intercepting the contamination and the likelihood of installing new, shallow domestic wells is very low. The East Bay Municipal Utilities District serves the site and surrounding area with water.

FACT SHEET ON ENVIRONMENTAL ASSESSMENT

ARCO

(George's Auto Repair Services)

4401 Market Street, Oakland, CA 94608-3423

Fuel Leak Case No. RO000132 and

GeoTracker Global ID T0600100430

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Remedial actions completed at the site consisted of removing the underground tanks. During tank removal, the contaminated soil that was excavated was replaced in the excavation. Periodic groundwater sampling from 1994 to 2009 was conducted at the site.

Next Step

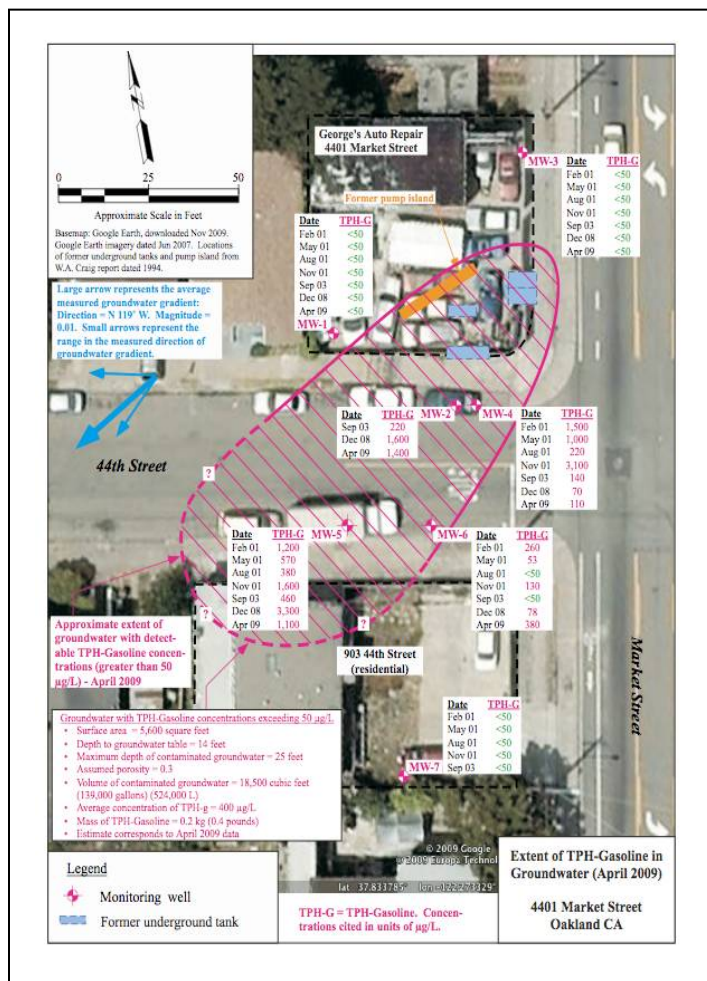
Mr. Damele has been working with Alameda County Environmental Health (ACEH) to investigate the site. No further soil and groundwater investigations or remediation is planned for the site. The source of contamination, the former tanks, has been removed. The site has been adequately characterized and the groundwater contaminant plumes are either stable or decreasing with time. The site data have demonstrated that, with time, contaminant concentrations will likely abate entirely.

The site is proposed for case closure. All the site investigation activities are described in reports prepared by Streamborn on behalf of Mr. Damele. The public is invited to review and comment on the proposed closure of this case. The case file is available on ACEH's website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State Water Resources Control Board's GeoTracker website (<http://www.geotracker.waterboards.ca.gov/>). The case file is also available for review on-line at the ACEH located at 1131 Harbor Bay Parkway in Alameda, California. Please send a fax to 510-337-9335 to request a date and time to review the case file. Please send written comments regarding the proposed action to Paresh Khatri at the address below. All written comments received by **April 14, 2010** will be forwarded to the Responsible Party and will be considered and responded to prior to a final determination on the proposed case closure.

For Additional information, please contact:

Paresh Khatri
Alameda County Environmental Health
1131 Harbor Bay Parkway, Ste 250
Alameda, CA 94502
Phone: 510-777-2478
E-mail: Paresh.Khatri@acgov.org

Douglas Lovell
Streamborn.
P.O. Box 8330
Berkeley, CA 94707
Phone: 510-528-4234
E-mail: doug@streamborn.com



LIST OF FACT SHEET RECIPIENT

SINGH GURMAIL
903 44TH ST
OAKLAND CA 94608

BELLAVER TONY & MARSH MARY
4325 MARKET ST
OAKLAND CA 94608

ARMSTRONG BERET & EULA M
4315 MARKET ST
OAKLAND CA 94608

LYONS CLARA
4526 FLEMING AVE
OAKLAND CA 94619

RESIDENT
920 43RD ST
OAKLAND CA 94608

STEPHENSON KEITH D
926 43RD ST
OAKLAND CA 94608

BATLLE LEOPLODO & CAROLYN D
800 THE EMBARCADERO #328
SAN FRANCISCO CA 94107

RESIDENT
930 43RD ST
OAKLAND CA 94608

HEXTRUM HELEN L
936 43RD ST
OAKLAND CA 94608

OAKLAND HOUSING AUTHORITY
1719 64TH ST
EMERYVILLE CA 94608

RESIDENT
945 44TH ST
OAKLAND CA 94608

KENNEDY SHARLENE R TR
935 44TH ST
OAKLAND CA 94608

SECREASE HOWARD A
10549 MARK ST
OAKLAND CA 94605

RESIDENT
927 44TH ST
OAKLAND CA 94608

ROSE VENTURES LLC
4 COMMODORE DR #D435
EMERYVILLE CA 94608

RESIDENT
919 44TH ST
OAKLAND CA 94608

LANG QUENTIN
1559 SOLITUDE LN
EL SOBRANTE CA 94803

RESIDENT
4445 MARKET ST
OAKLAND CA 94608

HUNT SPERGON W TR
927 45TH ST
OAKLAND CA 94608

RESIDENT
909 45TH ST
OAKLAND CA 94608

JOHNSON JANET L TR
PO BOX 491
LOON LAKE WA 99148

RESIDENT
4435 MARKET ST
OAKLAND CA 94608

WILSONBUTLER IRA
575 ALEXIS CIR
DALY CITY CA 94014

RESIDENT
4411 MARKET ST
OAKLAND CA 94608

DAMELE CASIMIRO & GUISEPPINA TRS
3750 VICTOR AVE
OAKLAND CA 94619

RESIDENT
4401 MARKET ST
OAKLAND CA 94608

MATHEWS LEE E & ANNIE P
1040 ARDMORE AVE
OAKLAND CA 94610

RESIDENT
912 44TH ST
OAKLAND CA 94608

LIST OF FACT SHEET RECIPIENT

RYLES LOUISE E & GARRISON JANET R
914 44TH ST
OAKLAND CA 94608

WESTERMAN MICHAEL W & EVELYNE C
918 44TH ST
OAKLAND CA 94608

SEXTON GEORGIA L TR
930 44TH ST
OAKLAND CA 94608

RESIDENT
932 44TH ST
OAKLAND CA 94608

DUNCAN EARLEAN D
938 44TH ST
OAKLAND CA 94608

RESIDENT
936 44TH ST
OAKLAND CA 94608

BURGIE JOHNNY A & SANDRA
946 44TH ST
OAKLAND CA 94608

SMITH VELMA R
937 45TH ST
OAKLAND CA 94608

FORDHAM CORINNE
933 45TH ST
OAKLAND CA 94608

HUNT SPERGON W & BERNADETTE S TRS
927 45TH ST
OAKLAND CA 94608

RICARDO CHARLES R & GLORIA G
7700 POTRERO AVE
EL CERRITO CA 94530

RESIDENT
921 45TH ST
OAKLAND CA 94608

RICARDO GLORIA G & CHARLES
7700 POTRERO AVE
EL CERRITO CA 94530

RESIDENT
919 45TH ST
OAKLAND CA 94608

SHINETTE ANITA & GRANT CHARLES S
915 45TH ST
OAKLAND CA 94608

BURGOS ORACIO
2925 MORGAN AVE
OAKLAND CA 94602

RESIDENT
880 44TH ST
OAKLAND CA 94608

LUNNIE TIFFANY
884 44TH ST
OAKLAND CA 94608

WAGSTAFF LESLIE G & ED
4400 MARKET ST
OAKLAND CA 94608

INMAN KENNETH W
897 45TH ST
OAKLAND CA 94608

JOHNSON JESSIE & THERESA
891 45TH ST
OAKLAND CA 94608

BOLTON HOWARD E & CAROLYN M
1125 BRUSH ST
OAKLAND CA 94607

RESIDENT
887 45TH ST
OAKLAND CA 94608

TRAN LAN T
883 45TH ST
OAKLAND CA 94608

MORGAN JAMES W SR & BARBARA J TRS
4308 MARKET ST
OAKLAND CA 94608

ARUM CORNELIUS ETAL
4314 MARKET ST
OAKLAND CA 94608

NATHAN RYAN K
4320 MARKET ST
OAKLAND CA 94608

JENKINS ANTHONY L JR
4326 MARKET
OAKLAND CA 94608

RO0000132

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LIST OF FACT SHEET RECIPIENT

RESIDENT
4326 MARKET ST
OAKLAND CA 94608

KELLY CATHERINE M & LAKE GUY S
887 44TH ST
OAKLAND CA 94608

Attachment 1
Responsible Party(ies) Legal Requirements/Obligations

REPORT REQUESTS

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) require submission of reports in electronic form. The electronic copy replaces paper copies 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 all 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, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic_submittal/report_rqmts.shtml).

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.

Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC)	ISSUE DATE: July 5, 2005
	REVISION DATE: March 27, 2009
	PREVIOUS REVISIONS: December 16, 2005, October 31, 2005
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

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.

REQUIREMENTS

- Entire report including cover letter must be submitted to the ftp site as a **single portable document format (PDF) with no password protection**. (Please do not submit reports as attachments to electronic mail.)
- It is **preferable** that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements **must** be included and have either original or electronic signature.
- **Do not password protect the document**. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. **Documents with password protection will not be accepted.**
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:
RO#_Report Name_Year-Month-Date (e.g., RO#5555_WorkPlan_2005-06-14)

Additional Recommendations

- A separate copy of the tables in the document should be submitted by e-mail to your Caseworker in **Excel** format. These are for use by assigned Caseworker only.

Submission Instructions

- 1) Obtain User Name and Password:
 - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
 - i) Send an e-mail to dehloptoxic@acgov.org
Or
 - ii) Send a fax on company letterhead to (510) 337-9335, to the attention of My Le Huynh.
 - b) In the subject line of your request, be sure to include **"ftp PASSWORD REQUEST"** and in the body of your request, include the **Contact Information, Site Addresses**, and the **Case Numbers (RO# available in Geotracker) you will be posting for**.
- 2) Upload Files to the ftp Site
 - a) Using Internet Explorer (IE4+), go to <ftp://alcoftp1.acgov.org>
 - (i) Note: Netscape and Firefox browsers will not open the FTP site.
 - b) Click on File, then on Login As.
 - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
 - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
 - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
 - a) Send email to dehloptoxic@acgov.org notify us that you have placed a report on our ftp site.
 - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
 - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO# use the street address instead.
 - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.