

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KEARS, Agency Director



File RO 433

FACT SHEET
SHELL/SABEK FORMER SERVICE STATION
February 6, 2008

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

Site Location: Shell/Sabek Former Service Station, 1230 14th Street, Oakland, California 94607

Fuel Leak Case #RO0000433 and Geotracker Global ID # T0600101691

Summary – This fact sheet has been prepared to inform community members and other interested parties of the status of a proposed soil and groundwater cleanup at a former service station site at 1230 14th Street in Oakland, California. Mr. Andrew Saberi, the lead responsible party for the fuel leak case, is proposing soil vapor extraction and air sparging or dual-phase extraction and air sparging to cleanup up gasoline contamination that resulted from fuel leaks at the former service station. Soil vapor extraction (SVE) applies a vacuum to unsaturated soils above the water table to induce a controlled flow of air containing volatile and some semi-volatile contaminants removed from the soil. Dual-phase extraction (DPE) uses vacuum extraction along with groundwater extraction to dewater shallow saturated soils and expose more soil for vacuum extraction. Extracted air will be treated at the surface to remove fuel hydrocarbons from the vapor. Air sparging will be implemented along with either SVE or DPE. Air sparging injects air below the water table to volatilize contaminants in groundwater that can be then recovered by vacuum extraction (either SVE or DPE). Air sparging also increases the oxygen content of groundwater, which may also increase the rate of biodegradation of petroleum hydrocarbons in groundwater. A pilot test is planned to evaluate whether SVE or DPE is more appropriate for the site. SVE or DPE will be implemented with air sparging using several wells located throughout the area of contamination. Aboveground equipment used for the SVE/DPE/air sparging system will be located near or within the existing building at the site.

Background – The site was a service station from approximately 1958 to 1993. Four gasoline underground storage tanks were removed from the site in 1993. Environmental investigations conducted to date have delineated an area of petroleum hydrocarbons in soil and groundwater within the central portion of the site (area of the former USTs) and extending along the groundwater direction to the northeast. An abandoned one-story building and a pump island canopy currently occupy the site.

Next Step – Mr. Andrew Saberi is working with Alameda County Environmental Health (ACEH) to implement a soil and groundwater cleanup at the site. The proposed remedial alternatives are described in a report prepared by Pangea Environmental Services, Inc. on behalf of Mr. Saberi: "Draft Corrective Action Plan and Pilot Test Work Plan," dated January 18, 2008. The public is invited to review and comment on the cleanup action proposed in this Draft CAP. These reports can be viewed over the Internet on the ACEH website (<http://www.acgov.org/aceh/lop/ust.htm>) or the State of California Water Resources Control Board Geotracker website (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting). The reports and case file are also available for review at the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 (please send a fax to 510-337-9335 to request a date and time to review the files). Please send written comments to Jerry Wickham at the address below; all comments will be forwarded to the responsible parties. **Comments received by March 15, 2008** will be considered and responded to prior to a final determination on the proposed cleanup.

Additional information: Contact Jerry Wickham of the Alameda County Department of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502 at 510-567-6791 or by email at jerry.wickham@acgov.org

Parcel #: 5-377-24
ABIOYE MOSES R
24543 SECOND ST
HAYWARD CA 94541

Parcel #: 5-377-26
ACOSTA HECTOR H &
1520 UNION ST
OAKLAND CA 94607

Parcel #: 4-37-28-1
BOLTON GEORGE M III
1316 UNION ST
OAKLAND CA 94607

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BOWIE VIVIAN TR
1504 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 5-377-13-1
BRACEY JANICE L & WILSON
1415 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 5-377-21
CARDENAS RAFAEL &
2300 POPLAR ST
OAKLAND CA 94607

Parcel #: 5-377-1-3
DANIELS ALICE M TRUST
1229 16TH ST
OAKLAND CA 94607

Parcel #: 5-378-25
DAWSON JAMES H SR &
1512 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 5-377-1-1
DUMETZ KENYA
730 OAK ST
SAN FRANCISCO CA 94117

Parcel #: 5-377-15
FLEMING EMMA &
1210 14TH ST
OAKLAND CA 94607

Parcel #: 5-377-8
GARCIA WINIFREDA F &
1509 MAGNOLIA ST
OAKLAND CA 94607

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GEBRESELASSIE GEBRE T
1508 UNION ST
OAKLAND CA 94607

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1331 CARLTON AVE
MENLO PARK CA 94025

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HAMBURN GLORIA E
39 KIRKPATRICK DR
EL SOBRANTE CA 94803~~

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HARRISON JOHN S JR & JOY M
535 MOUNTAIN BLVD
OAKLAND CA 94611

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HILL EULA M
1521 UNION ST
OAKLAND CA 94607~~

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6833 ESTATES DR
PIEDMONT CA 94611

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PHOENIX AZ 85016

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PHOENIX AZ 85016

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1176 14TH ST
OAKLAND CA 94607

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1419 MAGNOLIA ST
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MORNINGSTAR RINA S
690 5TH ST
SAN FRANCISCO CA 94107

Parcel #: 5-378-19-1
NAUMAN ZOE
1182 14TH ST
OAKLAND CA 94607

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NETTLES ERNESTINE TRUST
309 FAIRVIEW BLVD
INGLEWOOD CA 90302~~

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OGDEN ANDREW J
18 OSBORNE ST
OAKLAND CA 94611~~

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RAMBO DOLLIE B
1416 MAGNOLIA ST
OAKLAND CA 94607

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RAMIREZ CAROLYN A
1225 14TH ST
OAKLAND CA 94607

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RAMIREZ CAROLYN A
1225 14TH ST
OAKLAND CA 94607

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OAKLAND CA 94607

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250 FRANK H OGAWA PLZ
OAKLAND CA 94612

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1204 14TH ST
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1436 UNION ST
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1311 MAGNOLIA ST
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1266 14TH ST
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1312 MAGNOLIA ST
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1303 MAGNOLIA ST
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1230 14TH ST
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1432 UNION ST
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1267 14TH ST
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RESIDENT
1521 MAGNOLIA ST
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1219 16TH ST
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1410 MAGNOLIA ST
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RILEY THYRA A
1731 HOLLY ST NW
WASHINGTON DC 20012

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ROBERTS LINDA L TR
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OAKLAND CA 94607

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RONG RICHARD & IRENE P
1670 47TH AVE
SAN FRANCISCO CA 94122

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RUBIN ELOISE TR
1023 MAGNOLIA ST
OAKLAND CA 94607~~

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1045 AIRPORT BLVD
SOUTH SAN FRANCISCO CA

Parcel #: 5-377-14
SECREASE HOWARD A
10549 MARK ST
OAKLAND CA 94605

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SECREASE HOWARD A
10549 MARK ST
OAKLAND CA 94605

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812 B 27TH ST
OAKLAND CA 94607

941080

Parcel #: 5-377-10-1
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1427 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 4-37-2-3
TAYLOR WILFRED & MARY H
1241 14TH ST
OAKLAND CA 94607

~~Parcel #: 4-35-23
THOMAS ESTHER M
1318 MAGNOLIA ST
OAKLAND CA 94607~~

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THOMPSON CYNTHIA A TR
1177 16TH ST
OAKLAND CA 94607

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PO BOX 26421
SALT LAKE CITY UT 84126

Parcel #: 5-377-11
TYLER RONALD T & PATRICIA
166 ORCHID CT
HERCULES CA 94547

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VANDUSEN JAN E
1501 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 4-37-10
WEATHERS JOHNIE B TR
1315 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 4-37-6-6
WILLIAMS JERLEAN S
1349 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 4-37-8-3
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1349 MAGNOLIA ST
OAKLAND CA 94607

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1434 UNION ST
OAKLAND CA 94607

Parcel #: 5-377-20
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1418 UNION ST
OAKLAND CA 94607

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1515 MAGNOLIA ST
OAKLAND CA 94607

Parcel #: 5-377-6
WONG SALLY
10435 LA ROSA DR
TEMPLE CITY CA 91780

Parcel #: 5-378-21
WYRICK ELLEN W
1420 MAGNOLIA ST
OAKLAND CA 94607

