



## FACT SHEET ON ENVIRONMENTAL ASSESSMENT

### FORMER ARCO (INDEPENDENT)

15101 Freedom Avenue, San Leandro, CA 94578  
Fuel Leak Case No. RO0000473 and  
GeoTracker Global ID T0600191157

#### Site Remediation Summary

This fact sheet has been prepared to inform community members and other interested stakeholders regarding the status of a proposed soil and groundwater cleanup at the former ARCO located 15101 Freedom Avenue, San Leandro, California. Mr. Pazdel and Mr. Khatirine, the lead responsible parties for the fuel leak case are proposing in-situ multi phase extraction (MPE) and groundwater extraction as remediation technologies to cleanup the site.

#### Site Background

The site is located at the foot of the San Leandro Hills, along the west side of San Leandro Valley. It is bounded on the north by Freedom Avenue, on the east by Fairmont Avenue, on the south by residential properties and on the west by 151<sup>st</sup> Avenue. It currently operates as a Texaco gasoline service station with mini-mart, and retails Texaco-branded gasoline and diesel fuel. There are three canopied product dispenser islands and three underground storage tanks (USTs) on-site consisting of one 6,000-gallon diesel UST, one 8,000-gallon gasoline UST, and one 10,000-gallon gasoline UST. Land use immediately surrounding the site is residential, with Interstate 580 located northeast of the site.

#### Remediation Alternative: Multi-Phase Extraction

Multi-phase extraction (MPE) is proposed to remediate the soil and groundwater at the site. MPE removes vapor phase, dissolved phase, and separate phase contaminants from the soil and groundwater. In MPE, vapor and liquid are removed from each well using a high vacuum, with the liquids stored into a holding tank. The resulting separate phases (liquid and vapor) are treated by passing through granular activated carbon (GAC) (i.e. charcoal), internal combustion engine (ICE), catalytic oxidizer (CatOx) and air stripper, or other method to further remove contamination from liquid and vapor, which is then discharged to ambient air, and/or to the sanitary or storm sewer. MPE systems typically require permanently-installed high-amperage electrical service, as well as natural gas or propane to operate.

*For Additional information, please contact:*

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Alameda, CA 94502-6577  
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#### Groundwater Extraction and Treatment

Groundwater extraction (GWE) is proposed to remediate the off-site groundwater contaminant plume. GWE would extract contaminated groundwater from a series of extraction wells or French drain. The extracted water is treated using GAC vessels. The treated water is released to the sanitary sewer or storm drain system. This system is effective because it would prevent off-site migration of chemicals while removing most soluble components of groundwater contaminants, such as TBA and MTBE, from groundwater.

#### Next Step

Mr. Pazdel and Mr. Khatirine are working with Alameda County Environmental Health (ACEH) to implement a soil and groundwater cleanup at the site. The proposed alternative is described in a report prepared by SOMA Environmental Services, Inc. on behalf of Mr. Pazdel and Mr. Khatirine: "Revised Work Plan for Implementing Corrective Action Plan," dated February 10, 2009. The public is invited to review and comment on the cleanup action proposed in the Report. The report is available on ACEH's website (<http://www.acgov.org/aceh/top/ust.htm>) or the State Water Resources Control Board's GeoTracker website (<http://www.geotracker.waterboards.ca.gov/>). The report and case file are also available for review 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 corrective action to Paresh Khatri at the address below. All written comments received by **April 15, 2009** will be forwarded to the Responsible Party and will be considered and responded to prior to a final determination on the proposed cleanup.



## LIST OF FACT SHEET RECIPIENTS

LEONARDO DELORES M  
1783 152ND AVE  
SAN LEANDRO CA 94578

CRAVENS BILLY R  
1757 152ND AVE  
SAN LEANDRO CA 94578

CAMPBELL KURT A TR  
1743 152ND AVE  
SAN LEANDRO CA 94578

MANALILI MARINA S  
1698 151ST AVE  
SAN LEANDRO CA 94578

SENERIS ROSITA S TR  
1700 151ST AVE  
SAN LEANDRO CA 94578

SANTOS CARRIE TR  
1716 151ST AVE  
SAN LEANDRO CA 94578

MATTHEWS WALTER A & ESTELLA  
1713 152ND AVE  
SAN LEANDRO CA 94578

LAUTERJUNG BETTY J TR  
1707 152ND AVE  
SAN LEANDRO CA 94578

BOTSFORD OLGA T  
1701 152ND AVE  
SAN LEANDRO CA 94578

AULGUR DONNA  
1651 152ND AVE  
SAN LEANDRO CA 94578

WILLER BILLY M & RUTH J TRS  
1631 152ND AVE  
SAN LEANDRO CA 94578

RESIDENT  
1645 152ND AVE  
SAN LEANDRO CA 94578

WILLER BILLY M & RUTH J TRS  
1631 152ND AVE  
SAN LEANDRO CA 94578

CHANG DAVID & NANCY L TRS  
920 PAMELA PL  
PLEASANTON CA 94566

RESIDENT  
1627 152ND AVE  
SAN LEANDRO CA 94578

XU LE X & YANG SHU L  
1623 152ND AVE  
SAN LEANDRO CA 94578

GONZALEZ ANDRES & FELISITAS  
1617 152ND AVE  
SAN LEANDRO CA 94578

CALIZO JOSEL A & CARYL P  
15150 LARK ST  
SAN LEANDRO CA 94578

CABRALES WILFREDO N JR &  
CALLADOCABRALES NOVELYN  
1600 151ST AVE  
SAN LEANDRO CA 94578

CASTILLO AUGIENETTE &  
CALLADO MARC  
1620 151ST AVE  
SAN LEANDRO CA 94578

MAHON DORIS M  
1624 151ST AVE  
SAN LEANDRO CA 94578

BUENROSTRO LAURA P &  
ROBERTO R  
29284 LONE TREE PL  
HAYWARD CA 94544

RESIDENT  
1628 151ST AVE  
SAN LEANDRO CA 94578

FLEMING MICHAEL & KATHRYN  
1630 151ST AVE  
SAN LEANDRO CA 94578

MORAN GAVINO  
1636 151ST AVE  
SAN LEANDRO CA 94578

ROUX FABRICE L & TRECHROUX  
MURIELLE  
1642 151ST AVE  
SAN LEANDRO CA 94578

REID MARY & MICHAEL  
29355 DIXON ST #11  
HAYWARD CA 94544

RESIDENT  
1648 151ST AVE  
SAN LEANDRO CA 94578

NTC & CO LLP  
P.O. BOX 173859  
DENVER CO 80217

RESIDENT  
1654 151ST AVE  
SAN LEANDRO CA 94578

CARRANZA DAVID A  
1692 151ST AVE  
SAN LEANDRO CA 94578

## LIST OF FACT SHEET RECIPIENTS

MORENO ELIO  
1729 151ST AVE  
SAN LEANDRO CA 94578

LIN QI L & HUANG BIN X  
1725 151ST AVE  
SAN LEANDRO CA 94578

RAMIREZ NANCY  
1705 151ST AVE  
SAN LEANDRO CA 94578

GMAC MORTGAGE LLC  
1100 VIRGINIA DR  
FORT WASHINGTON PA 19034

RESIDENT  
1675 151ST AVE  
SAN LEANDRO CA 94578

PULIDO DIONICIA S  
1661 151ST AVE  
SAN LEANDRO CA 94578

KLECKNER NORMAN JR TR  
5550 COLD WATER DR  
CASTRO VALLEY CA 94552

RESIDENT  
1645 151ST AVE  
SAN LEANDRO CA 94578

ANGELES ANGIE E  
1635 151ST AVE  
SAN LEANDRO CA 94578

SMITH PAMELA & ROBERT  
1633 151ST AVE  
SAN LEANDRO CA 94578

COVINGTON JANET  
34973 ROBERTS ST  
UNION CITY CA 94587

RESIDENT  
1680 FIR AVE  
SAN LORENZO CA 94580

QUACH ERIC V & ANGIE Y  
1668 FIR AVE  
SAN LEANDRO CA 94578

DAZHAN ANTHONY T & RUBY F  
1656 FIR AVE  
SAN LEANDRO CA 94578

HUYNH NGUU & LEE ANNIE  
1648 FIR AVE  
SAN LEANDRO CA 94578

OWLES DAVID L & LORI Y  
1632 FIR AVE  
SAN LEANDRO CA 94578

DEBAR CHRISTOPHER L & JOAN E  
1620 FIR AVE  
SAN LEANDRO CA 94578

EDELBLUTE DAVID & FLORENCE  
15050 LARK ST  
SAN LEANDRO CA 94578

PAULE EDILBERTO & LOLITA M  
15090 LARK ST  
SAN LEANDRO CA 94578

MELLO FRANK A & SOUTHERN  
SHAWN M  
1611 151ST AVE  
SAN LEANDRO CA 94578

RIVERA HECTOR O & MARIELA L  
1613 151ST AVE  
SAN LEANDRO CA 94578

BAUM DAVID & PRISCILLA  
1615 151ST AVE  
SAN LEANDRO CA 94578

RIVERA AURELIO  
1621 151ST AVE  
SAN LEANDRO CA 94578

MARTEN RONALD R  
1629 151ST AVE  
SAN LEANDRO CA 94578

BALTAZAR ROSARIO TR  
1631 151ST AVE  
SAN LEANDRO CA 94578

DIAMOND PROPERTIES  
840 HINCKLEY RD #220  
BURLINGAME CA 94010

RESIDENT  
15015 FREEDOM AVE  
SAN LEANDRO CA 94578

WOOD PATRICIA M  
5010 FOOTHILL RD  
PLEASANTON CA 94588

RESIDENT  
1762 150TH AVE  
SAN LEANDRO CA 94578

WOOD PATRICIA M  
5010 FOOTHILL RD  
PLEASANTON CA 94588

RESIDENT  
1760 150TH AVE  
SAN LEANDRO CA 94578

KIYOMURA SANDRA C TR  
18 CHESHIRE CT  
ALAMEDA CA 94502

RESIDENT  
1758 150TH AVE  
SAN LEANDRO CA 94578

## LIST OF FACT SHEET RECIPIENTS

MOY JEFFREY R  
1756 150TH AVE  
SAN LEANDRO CA 94578

MADRIGAL VICTOR M &  
LORENA M  
1754 150TH AVE  
SAN LEANDRO CA 94578

KEENE KARIMAH & JOHN T JR  
1752 150TH AVE  
SAN LEANDRO CA 94578

WONG WALTER B TR  
1750 150TH AVE  
SAN LEANDRO CA 94578

MITANI KIYOKO T TR  
9145 LAWLOR ST  
OAKLAND CA 94605

RESIDENT  
1748 150TH AVE  
SAN LEANDRO CA 94578

CASA LEANDRO HOMEOWNERS  
ASSOCIATION  
1778 150TH AVE  
SAN LEANDRO CA 94578

RESIDENT  
1722 150TH AVE  
SAN LEANDRO CA 94578

GEE Y T HEIRS OF EST  
820 VERMONT ST  
OAKLAND CA 94610

RESIDENT  
1701 FAIRMONT DR  
SAN LEANDRO CA 94578

HINK MARY L  
1639 153RD AVE  
SAN LEANDRO CA 94578

CUNNINGHAM ROBERT E  
1621 153RD AVE  
SAN LEANDRO CA 94578

RESIDENT  
1629 153RD AVE  
SAN LEANDRO CA 94578

CUNNINGHAM ROBERT E  
1621 153RD AVE  
SAN LEANDRO CA 94578

TEXEIRA JOSEPH M TR  
944 HELEN AVE  
SAN LEANDRO CA 94577

RESIDENT  
1609 153RD AVE  
SAN LEANDRO CA 94578

OLSSON CHRISTINE L TR  
1430 153RD AVE  
SAN LEANDRO CA 94578

RESIDENT  
1601 153RD AVE  
SAN LEANDRO CA 94578

QIU YU H & ZHANG YU L  
15250 LARK ST  
SAN LEANDRO CA 94578

SOLIS EFRAIN & ELENA  
PO BOX 3152  
SAN LEANDRO CA 94578

RESIDENT  
15226 LARK ST  
SAN LEANDRO CA 94578

ALVAREZ SAMUEL L & MARIA M  
1616 152ND AVE  
SAN LEANDRO CA 94578

FLORES SUSANA & JOSE E  
1618 152ND AVE  
SAN LEANDRO CA 94578

CERDA CARLOS  
1620 152ND AVE  
SAN LEANDRO CA 94578

BENAVIDES FRANCISCO J  
1630 152ND AVE  
SAN LEANDRO CA 94578

SUAREZ ARTURO ETAL  
1638 152ND AVE  
SAN LEANDRO CA 94578

LE MIMI  
1644 152ND AVE  
SAN LEANDRO CA 94578

COULTER AMY M TR  
1650 152ND AVE  
SAN LEANDRO CA 94578

VANN STEPHEN W & DINIA V  
1660 152ND AVE  
SAN LEANDRO CA 94578

WILLER BILLY M & RUTH J TRS  
1631 152ND AVE  
SAN LEANDRO CA 94578

RESIDENT  
1704 152ND AVE  
SAN LEANDRO CA 94578

AMERICAN HOME MORTGAGE  
SERVICING INC  
1270 NORTHLAND DR  
MENDOTA HEIGHTS MN 55120

AMONoy PRISCA B & BELANDRES  
JUSTIN R  
1567 153RD AVE  
SAN LEANDRO CA 94578

## LIST OF FACT SHEET RECIPIENTS

ANDERSON CORA A  
9268 BROWN RD  
ELK GROVE CA 95624

BELLORINI ROSA E  
1585 153RD AVE  
SAN LEANDRO CA 94578

CABRAL PHYLLIS M  
1577 152ND AVE  
SAN LEANDRO CA 94578

CARTER ERNEST N & ALICE L  
1579 153RD AVE  
SAN LEANDRO CA 94578

CHARBONNEAU SANDRA M  
1580 152ND AVE  
SAN LEANDRO CA 94578

CORRAL ELIO J & LECHUGA LILIA  
16134 VIA KARL  
SAN LORENZO CA 94580

CORTES CRISTOBAL M  
1554 151 ST AVE  
SAN LEANDRO CA 94578

COVIC HUSNIJA & SEDIJA ETAL  
1590 152ND AVE  
SAN LEANDRO CA 94578

CRUSVENEGAS ROSALBA  
1540 152ND AVE  
SAN LEANDRO CA 94578

FULINARA RENATO F & LERMA F  
1535 53RD AVE  
SAN LEANDRO CA 94578

GONZALEZ JOSE J & ELIDA M  
1573 152ND AVE  
SAN LEANDRO CA 94578

GREENPOINT MORTGAGE  
FUNDING INC  
2300 BROOKSTONE CENTER PK  
COLUMBUS GA 39108

HANG SOPHANY ETAL  
1574 152ND AVE  
SAN LEANDRO CA 94578

HERNANDEZ DAGOBERTO ETAL  
1599 152ND AVE  
SAN LEANDRO CA 94578

HILLARY SIEGRID S TR  
1572 152ND AVE  
SAN LEANDRO CA 94578

HO SHEW & MEI S  
725 MATOZA LN  
SAN LEANDRO CA 94577

HUNTER ABBY G  
1598 152ND AVE  
SAN LEANDRO CA 94578

JALILIAN BAHRAM  
1548 152ND AVE  
SAN LEANDRO CA 94578

JUSTINO ALDEN A TR  
1211 147TH AVE  
SAN LEANDRO CA 94578

LEE ANTONIO C & TEODORA S  
15249 LARK ST  
SAN LEANDRO CA 94578

LIU JENNY  
2 WANDA LN  
ORINDA CA 94563

LOPES DONALD P  
1592 151ST AVE  
SAN LEANDRO CA 94578

MACIAS VICTOR M &  
EVANGELINA TRS  
1531 152ND AVE  
SAN LEANDRO CA 94578

MCALLISTER JAMES N JR &  
MARY C  
1548 151ST AVE  
SAN LEANDRO CA 94578

MORENO CESAR  
1566 151ST AVE  
SAN LEANDRO CA 94578

NEWELL DAVID B & MILA A  
1549 152ND AVE  
SAN LEANDRO CA 94578

NG MUI K & LY TRAN T  
1372 FERNSIDE BLVD  
ALAMEDA CA 94501

PAYNE ALAN D & COLLEEN  
1584 152ND AVE  
SAN LEANDRO CA 94578

POWELL ROBERT W &  
JUDITH A TRS  
1555 153RD AVE  
SAN LEANDRO CA 94578

RAMIREZ ROSALVA M  
1568 151ST AVE  
SAN LEANDRO CA 94578

RESIDENT  
1541 152ND AVE  
SAN LEANDRO CA 94578

RESIDENT  
1554 151ST AVE  
SAN LEANDRO CA 94578

RESIDENT  
1535 153RD AVE  
SAN LEANDRO CA 94578

## LIST OF FACT SHEET RECIPIENTS

RESIDENT  
1515 153RD AVE  
SAN LEANDRO CA 94578

RESIDENT  
1556 152ND AVE  
SAN LEANDRO CA 94578

RESIDENT  
1585 152ND AVE  
SAN LEANDRO CA 94578

RESIDENT  
1547 152ND AVE  
SAN LEANDRO CA 94578

RESIDENT  
1574 151ST AVE  
SAN LEANDRO CA 94578

RESIDENT  
15111 LARK ST  
SAN LEANDRO CA 94578

RESIDENT  
1564 151ST AVE  
SAN LEANDRO CA 94578

RESIDENT  
15101 LARK ST  
SAN LEANDRO CA 94578

RESIDENT  
15283 LARK ST  
SAN LEANDRO CA 94578

RESIDENT  
1529 153RD AVE  
SAN LEANDRO CA 94578

REYNA JOSE & SANTIAGO L  
1485 153RD AVE  
SAN LEANDRO CA 94578

RIVAS GLORIA M & JIM R  
1530 152ND AVE  
SAN LEANDRO CA 94578

SANTOS JOSEPH M TR  
1595 152ND AVE  
SAN LEANDRO CA 94578

SIU HING T & MOI H TRS  
1564 152ND AVE  
SAN LEANDRO CA 94578

STEVENSON DAVID A & DIANA M  
1571 152ND AVE  
SAN LEANDRO CA 94578

TRUGLIO JOSEPH  
1562 151ST AVE  
SAN LEANDRO CA 94578

VUONG HUYNH D &  
TRUONG NU H  
1565 152ND AVE  
SAN LEANDRO CA 94578

WELLS FARGO BANK  
1757 TAPO CANYON RD  
SIMI VALLEY CA 93063

WONG KENT K & ELENA Y TRS  
504 BEGONIA DR  
SAN LEANDRO CA 94578

WONG TING H &  
CHRISTOPHER CHRIS  
1573 153RD AVE  
SAN LEANDRO CA 94578

WOOLDRIDGE DAVID B &  
CHERYL K TRS  
1407 DAILY DR  
SAN LEANDRO CA 94577