YRC Worldwide Inc.
10990 Roe Avenue
Overland Park, KS 66211-1213
Phone 913 696 6100
yrcw.com

May 7, 2008

To Whom It May Concern:

Attached is the "Additional Site Assessment Workplan and Preferential Pathway Study" for the Roadway Express, Inc. property located at 1708 Wood Street in Oakland, CA 94607, Fuel Leak Case No. RO 0000039. I declare, under penalty of perjury, that the information and/or recommendations contained in the attached report are true and correct to the best of my knowledge.

Roadway Express, Inc. is a subsidiary of YRC Worldwide, Inc., and as Supervisor of Environmental Services at YRC North American Transportation I have been charged by YRC Worldwide, Inc. to represent Roadway Express, Inc. regarding environmental matters.

Sincerely,

Ruben D. Byerley
Supervisor – Environmental Services

May 6, 2008

Mr. Paresh C. Khatri
Hazardous Materials Specialist
Alameda County Environmental Health Services
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Additional Site Assessment Workplan and Preferential Pathway Study
Roadway Express, Inc.
1708 Wood Street
Oakland, California
Fuel Leak Case No. RO0000039
Burns & McDonnell Project No. 48791

Dear Mr. Khatri:

Burns & McDonnell Engineering Company, Inc. (Burns & McDonnell) has been retained by YRC Worldwide Enterprise Services Inc. (YRCW) to prepare this workplan for additional site assessment of petroleum impacts to soil and groundwater at the Roadway Express, Inc. truck terminal, located at 1708 Wood Street, Oakland, CA (Site). Figure 1 shows the location of the Site. The objective of this additional investigation is to further assess soil and groundwater conditions proximal to the abandoned-in-place and the removed underground storage tanks (USTs) formerly located at the Site, in accordance with the Alameda County Environmental Health Services (ACEHS) letter dated March 18, 2008.

1.0 Site Description and Location

The Site is currently operating as a trucking facility, which includes a terminal, loading dock, warehouse, business office, and trailer storage around the perimeter (Figure 2). The Site is secured with a full perimeter fence and staffed by professional security guards.

The Site is situated between Wood Street to the west, 18th Street to the north, 17th Street to the south, and Campbell Street to the east. Across 18th Street is a community park and surrounding businesses are industrial complexes.

2.0 Regional and Site Geology

The Site is located approximately 1 mile east of the central-eastern portion of the San Francisco Bay, at an elevation of approximately 10 feet above mean sea level (MSL). The Site is near the current eastern extent of the San Francisco Bay, and in the recent geologic past, was part of the

San Francisco Bay. The near-surface geology has largely been controlled by the changing morphology of the San Francisco Bay over geologic time. The closest surface-water bodies to the Site are the Oakland Outer Harbor, located approximately 1 mile west of the Site, and the Oakland Inner Harbor, located approximately 1.75 miles south of the Site.

The Site's lithology is characterized by: dark gray, very soft, moist clay with intermittent layers of silty clay to a depth of approximately 15 feet below ground surface (bgs); overlying approximately 10 feet of brown, soft, wet, silty sandy clay that extends from approximately 15 to 25 feet bgs; approximately 4 feet of brown, wet, silty clayey sand that extends from approximately 25 to 29 feet bgs; and a gray, very soft, wet clay of unknown thickness.

3.0 Site History and Underground Storage Tank Overview

According to an internal document review conducted by the consultant firm Marshal Miller & Associates (*Marshall Miller & Associates 2006*) between the years 1987 to 1996, three underground storage tanks (USTs) were properly removed and two USTs were abandoned-in-place.

In March 1987, two USTs (one 10,000 gallon gasoline tank and one 2,000 gallon motor oil tank) were removed from the central-eastern area of the Site (Figure 2). During this work, two other USTs were identified at the northwest corner of the property (one 2,000 gallon waste oil tank and one 10,000 gallon tank of unknown contents). The two USTs were abandoned-in-place (filled with sand slurry and grout) by R.S. Eagan & Co. At that time, R.S. Eagan & Co. installed two monitoring wells, MW-1 and MW-2, within the footprint of the central-eastern excavation.

In April 1996, the remaining 10,000 gallon diesel UST and all associated piping was removed from the central-eastern area of the Site. During this tank removal, monitoring well MW-1, located within the excavation footprint, was removed.

In September 2000, One Environment installed three monitoring wells (MW-3, MW-4, and MW-5) around the location of the removed USTs in the central-eastern area of the Site.

4.0 Previous Investigations

In March 2007, Burns & McDonnell was retained by YRWC to locate and sample the Site's monitoring wells. Monitoring wells MW-3, MW-4, and MW-5 were located and sampled.

In December 2007, Burns & McDonnell initiated subsurface characterization at the Site, which consisted of nine direct push borings, advanced to a maximum depth of 15 feet bgs. The purpose of this phase of investigation was to assess subsurface conditions for a potential sale of the property. Six of the borings (BM-1 through BM-6) were in the central-eastern area of the Site, where the former fuel and waste oil USTs had been removed. Three borings (BM-7, BM-8, and BM-9) were advanced in the area near the corner of 18th Street and Wood Street, where the USTs

that were abandoned-in-place are estimated to be located. The locations of the borings are illustrated on Figure 3 and Figure 4.

In the central-eastern portion of the Site where the USTs had been removed, petroleum-hydrocarbon impacts were seen in the shallow groundwater samples. The highest impacts in this area were seen in grab groundwater samples from boring BM-2. This boring was located below the former fueling island and was advanced through the gravel fill placed in the excavation after the tank was removed. Moving down gradient, approximately 25 feet horizontally, concentrations of Total Petroleum Hydrocarbons in the diesel range (TPHd) fall to140 micrograms per Liter (µg/L) in MW-2.

The groundwater monitoring wells screened between 10 and 30 feet bgs (MW-3, MW-4, and MW-5) have not shown any petroleum-hydrocarbon constituents in the March or December 2007 sampling events. Monitoring well MW-2, which is screened between 0.5 and 9.2 feet bgs, is the only monitoring well at the Site that has recently shown any petroleum hydrocarbon constituents.

In the northwest corner of the Site where the two USTs were abandoned in place, petroleum-hydrocarbon constituents were seen in soil and grab groundwater samples from all three borings. Benzene, toluene, ethylbenzene, and xylenes (BTEX) was not detected in any of the groundwater samples and the only detected volatile organic compound (VOC) was limited to Methyl tert-butyl ether (MTBE), which was detected in BM-7.

5.0 Monitoring Wells and Hydrogeologic Setting

Based on boring logs and groundwater measurements, it appears that there are two water zones separated by a semi-impermeable clay layer. Monitoring wells MW-3, MW-4, and MW-5 are all screened from 10 to 30 feet bgs. When these wells were installed, first encountered groundwater was at 13 to 15 feet bgs, however, static measured groundwater levels have consistently been at 4 to 5 feet bgs. This is indicative of an aquifer under semi-confined conditions.

Recent direct push borings in the perched zone (down to 15 feet bgs) at the Site support the findings from the monitoring wells. First encountered groundwater was between 3 and 6 feet bgs, and water recovery was very limited, approximately 1 to 2 liters over the entire day. Groundwater monitoring wells at the Site, screened in the deeper zone (from 10 to 30 feet bgs), were measured to have a recharge rate of approximately 0.3 feet per minute (ft/min) very different from the first encountered water zone.

It was noted in the March 18, 2008 ACEHS letter that due to the low specific gravity of the petroleum hydrocarbons (they float on water) and the static water level being above the screened interval, groundwater wells MW-3, MW-4, and MW-5 may not be representative of actual Site conditions. However if the deeper water zone is under semi-confined conditions and the screen extends from this zone to approximately 3 feet up into the semi-impermeable clay layer, any petroleum-hydrocarbons floating on top of the water table in this deeper zone would encounter the screen below the semi-confining layer and float upwards. Therefore monitoring wells MW-3, MW-4, and MW-5 may not be representative of Site conditions as a whole, but they should be

representative of the deeper water zone, despite having the water level be above the screened interval.

During the groundwater monitoring events and the December Site assessment, petroleum-hydrocarbon concentrations have only been encountered in groundwater from monitoring well MW-2 and selected grab groundwater samples from a maximum depth of 15 ft bgs. Therefore, it is likely that the petroleum-hydrocarbon impacts are predominantly in the shallow perched zones and the hydrostatic pressure of the lower semi-confined zone is minimizing the petroleum hydrocarbons from infiltrating downward. The discreet multi-level soil and groundwater sampling proposed in this workplan will attempt to confirm the hydrogeologic conditions and determine the depth and extent of the impacts.

6.0 Preferential Pathway Study

In order to locate potential migration pathways and conduits that may allow petroleum hydrocarbons to spread, a preferential pathway study was conducted. This study included the location and mapping of utility lines within and near the Site and plume areas, as well as a survey of any wells within a quarter mile radius of the Site.

6.1 Utility Survey

In order to locate the utilities in the plume areas, an Underground Service Alert North (USA North) ticket was requested for the area of 18th and Wood Streets. Local utilities responded to ticket number 0151289 between the dates of April 23rd and 24th to mark any underground utilities present in the area. Precision Locating, a private utility locating service, was contracted to confirm the locations and to trace them onto the Site, where applicable. Precision Locating also checked the Site for utilities that were not marked by USA North. Utility locations are marked on Figures 3 and 4.

6.2 Well Survey

An EDR GeoCheck® Report was conducted for the area around the Site to locate active or inactive water supply wells. No such wells were located within a radius of 1 mile from the Site. The GeoCheck® Report is attached as Appendix A.

A physical search of the area was made in order to locate groundwater monitoring wells. No monitoring wells were located in the vicinity of the Site.

7.0 Proposed Scope of Work

The purpose of this proposed scope of work will be to further define the horizontal and vertical extent of petroleum-hydrocarbon impacts that are related to the former USTs that were abandoned-in-place and the three USTs that were removed from the Site.

7.1 Permitting, Utility Clearance, and Health & Safety

Prior to drill rig mobilization, Burns & McDonnell shall obtain boring permits from Alameda County Public Works Agency and a USA North ticket will be called in a minimum of 48 hours before any drilling initiates. Additionally, Burns & McDonnell will retain a private utility locating service to clear the final boring locations of underground tanks, piping, electrical or other possible sub-surface obstructions.

7.2 Removal of Monitoring Well MW-2

In the first Technical Comment of the March 18, 2008 ACEHS letter, it states that "*Specifically, the sanitary seal for MW-2 may not be constructed in accordance with California Well Standards and may pose a potential preferential pathway for surface contaminants to the subsurface.*" Burns & McDonnell agrees with this evaluation and proposes to remove this monitoring well by over drilling.

Prior to the removal of MW-2, Burns & McDonnell recommends that it be used to extract groundwater using a vacuum truck. The backfill material, put in place after the USTs were removed, is a likely reservoir for the petroleum-hydrocarbon impacted groundwater. Extracting groundwater from MW-2, which is screened in the backfill, would help remediate groundwater in the shallow zone. These activities would take place the week prior to the scheduled removal of the monitoring well. Groundwater extracted from the well would be transported to an appropriate waste facility for disposal.

A separate permit will be obtained from Alameda County Public Works for well destruction and their office will be contacted to schedule the required observations. Monitoring well MW-2 will be decommissioned by means of over drilling and removal of the casing down to approximately 10 feet below ground surface. Well decommissioning will be performed by a C-57 licensed drilling company under subcontract to Burns & McDonnell and supervised by a field geologist under the oversight of a Burns & McDonnell California Professional Geologist.

7.3 Geoprobe Boring Locations

7.3.1 North-west corner

Four additional borings are proposed for the area around the tanks that were reportedly abandoned in place in the north-west corner of the site. Proposed boring locations in this area are shown on Figure 3. One boring is proposed outside the fence line along 18th Street (to the north of BM-8), one to the northeast of the abandoned tank, one at the corner of the shop building (south of BM-9), and one down gradient (to the northwest of BM-9).

7.3.2 Central-eastern former UST area

Previous investigations have not determined the extent of petroleum phase hydrocarbons. Proposed boring locations in this area are shown on Figure 4. Since concentrations in shallow groundwater were detected along the fence line northeast of the former USTs, two additional borings will be made off site in that area. One boring will be advanced on the south side of 18th Street and another on the north side of 18th Street.

Four additional borings will be advanced around the former USTs in addition to the ones off site; one to the southeast, one between B-2 and B-6, one to the east of the shed, and one to the east of MW-2.

7.4 Drilling and Soil Sampling

Burns & McDonnell will direct an experienced, C-57 licensed drilling company to perform the work. Drilling operations will be supervised by an experienced field geologist, under the oversight of a Burns & McDonnell California Professional Geologist. A Geoprobe 6600 type rig will be used to advance the borings. It is anticipated that the maximum drilling depth will be 25ft bgs. Borings outside the property fence-line, or in areas where utilities are nearby will be hand augured a minimum of 5ft bgs prior to advancing the Geoprobe.

Borings will be advanced in five foot intervals. It is anticipated that first encountered groundwater will be at approximately 4 to 5 feet bgs. A soil sample will be taken above the first encountered groundwater. Once shallow groundwater has been sampled as described in Section 7.5 below, borings will be advanced to the total depth of 25 feet in five foot intervals. If encountered, a soil sample will be taken from the semi-impermeable clay layer at approximately 10 feet bgs. A deeper soil sample will be taken from the sandy material associated with the deeper water zone at approximately 20 feet bgs.

During drilling activities, soil will be retained for visual classification according to the Unified Soil Classification System. Lithologic description and drilling observations will be recorded on a boring log.

7.5 Groundwater Sampling

Once first encountered groundwater has been reached, a temporary casing will be placed in the borehole. Grab groundwater samples will be taken by placing clean polyethylene tubing with a check-value attached at the end of the tubing. Groundwater samples will be gathered in order of priority, as listed in Section 7.6 below, in the event that there is not enough water. If necessary, the temporary casings will be kept in place overnight to allow water to collect.

After shallow groundwater has been sampled and the boring is advanced to the total depth, a new temporary casing will be placed in the borehole and deeper grab groundwater samples will be taken.

7.6 Sample Analysis

Soil and groundwater samples will be analyzed by a California State-certified laboratory for the following compounds using Environmental Protection Agency (EPA) Methods:

- Total Petroleum Hydrocarbons in the diesel range (TPH-d), gasoline range (TPH-g), and in the motor oil range (TPH-mo) by EPA Method 8015M;
- Benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B;
- Methyl tert-butyl ether (MTBE) by EPA 8021B (confirmed by EPA Method 8260B if detected).

All samples will be preserved on ice and submitted to the laboratory following chain-of-custody procedures and sample information will be documented in the field log book.

7.7 Investigation Derived Waste

Soil cuttings and decontamination fluid generated during the investigation will be containerized in Department of Transportation (DOT) approved 55-gallon drums. Samples will be collected to generate waste profiles for the materials to be disposed of. The drums will be labeled and stored on-Site in a secure area pending results of analyses. Following completion of the waste profiling, the drums will be removed from the Site and transported to an appropriate waste facility for disposal.

All other IDW generated, including all personnel protective equipment, paper towels, empty water bottles, etc., will be placed in trash bags. The trash bags will then be placed in an appropriate receptacle.

8.0 Reporting

A Site Assessment Report will be prepared upon completion of the field activites and receipt of laboratory analyses. Details of field activities and analytical results will be discussed, and appendices containing boring logs and certified analytical reports will be included along with recommendations for future work, if applicable. The report will be reviewed and signed by a California Professional Geologist at Burns & McDonnell.

9.0 Certification

This workplan was prepared under the supervision of a California Professional Geologist. All statements, conclusions and recommendations are based solely upon published results from previous consultants, field observations by Burns & McDonnell and laboratory analysis performed by a California state-certified laboratory related to the work performed by Burns & McDonnell.

If you have any questions regarding this project please feel free to contact the undersigned at (650) 871-2926.

Sincerely,

Patrick Bratton
Geologist

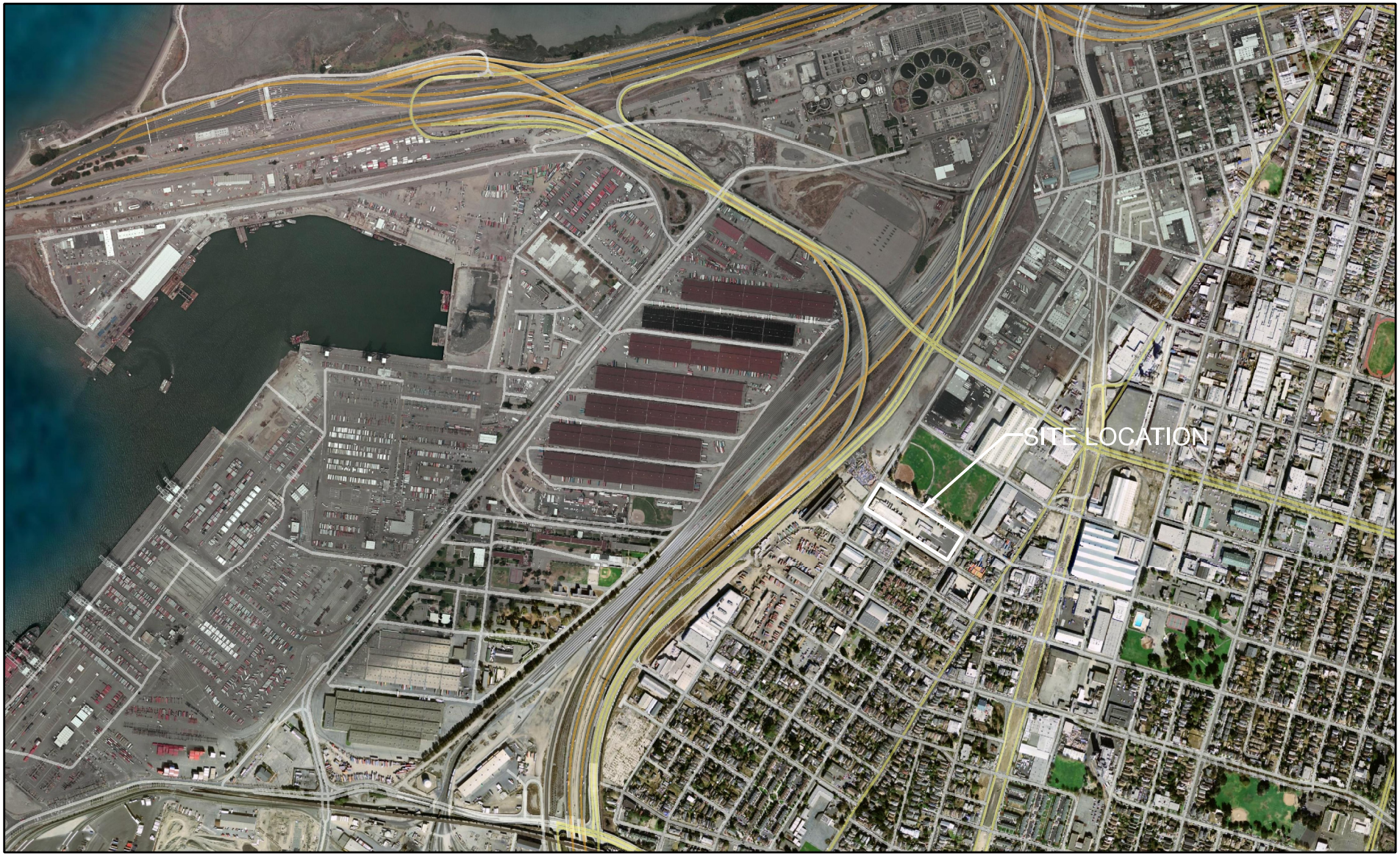
Gary P. Messerotes, P.G.
Senior Geologist

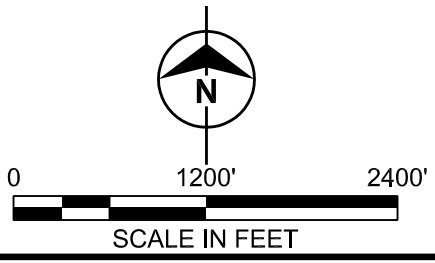
Attachments:

Figure 1 – Site Location Map
Figure 2 – Site Map
Figure 3 – Proposed Soil Borings – Abandoned USTs Area
Figure 4 – Proposed Soil Borings – Former USTs Area

Appendix A – EDR GeoCheck® Report

FIGURES



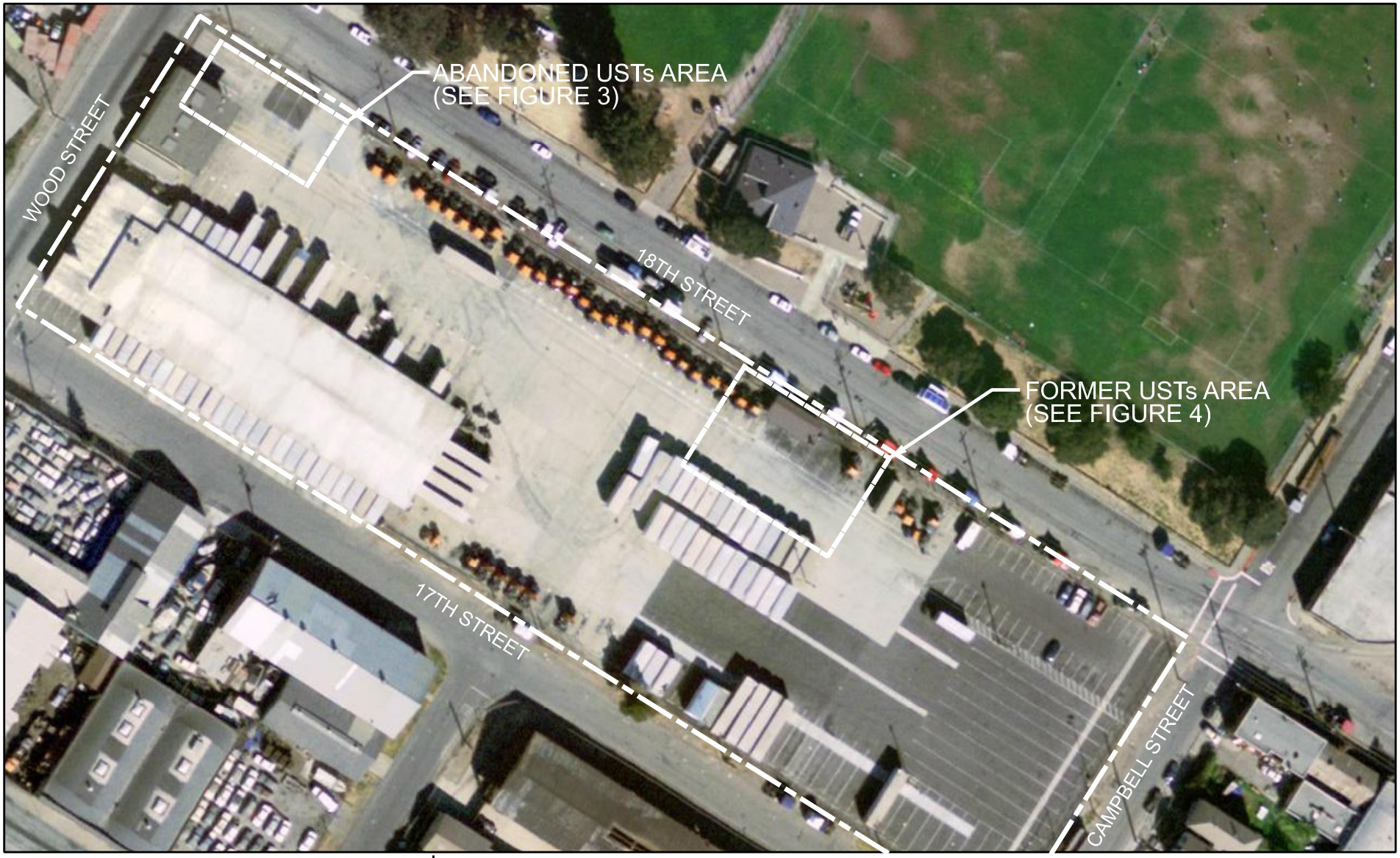


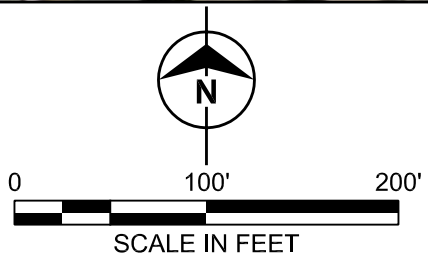
Burns & McDonnell
SINCE 1898

Figure 1

SITE LOCATION MAP
ROADWAY EXPRESS
1708 WOOD STREET
OAKLAND, CA

K:\YRC ENTERPRISE SERVICES INC\YRCW OAKLAND, CA\USTN\SITE\YRC OAKLAND FIG 1.DGN 12-04-2007 16:40 F_BITTNE

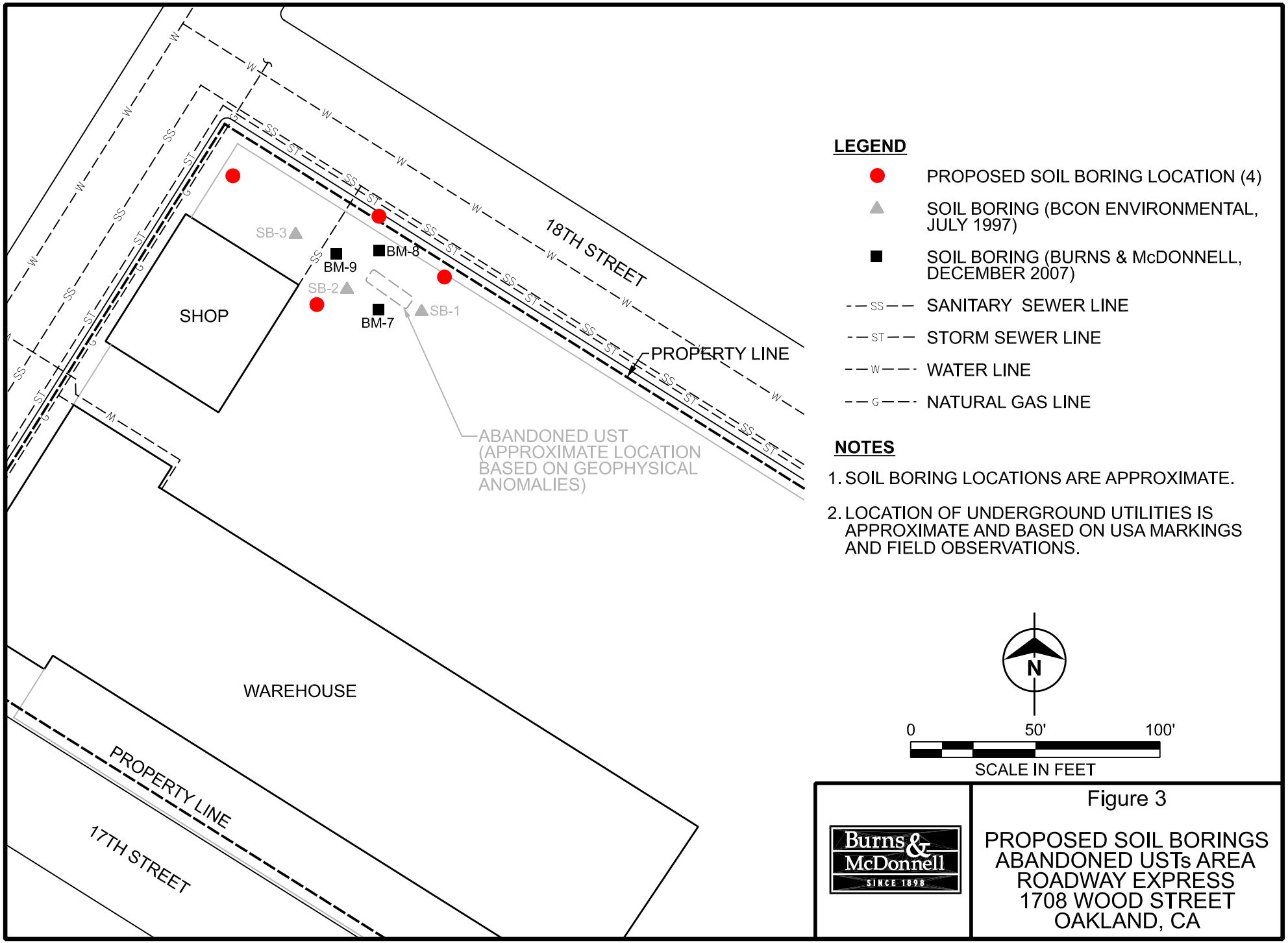




Burns & McDonnell
SINCE 1898

Figure 2

SITE MAP
ROADWAY EXPRESS
1708 WOOD STREET
OAKLAND, CA



LEGEND

- PROPOSED SOIL BORING LOCATION (4)
- SOIL BORING (BCON ENVIRONMENTAL, JULY 1997)
- SOIL BORING (BURNS & McDONNELL, DECEMBER 2007)
- SS — SANITARY SEWER LINE
- ST — STORM SEWER LINE
- W — WATER LINE
- G — NATURAL GAS LINE

NOTES

1. SOIL BORING LOCATIONS ARE APPROXIMATE.
2. LOCATION OF UNDERGROUND UTILITIES IS APPROXIMATE AND BASED ON USA MARKINGS AND FIELD OBSERVATIONS.

N

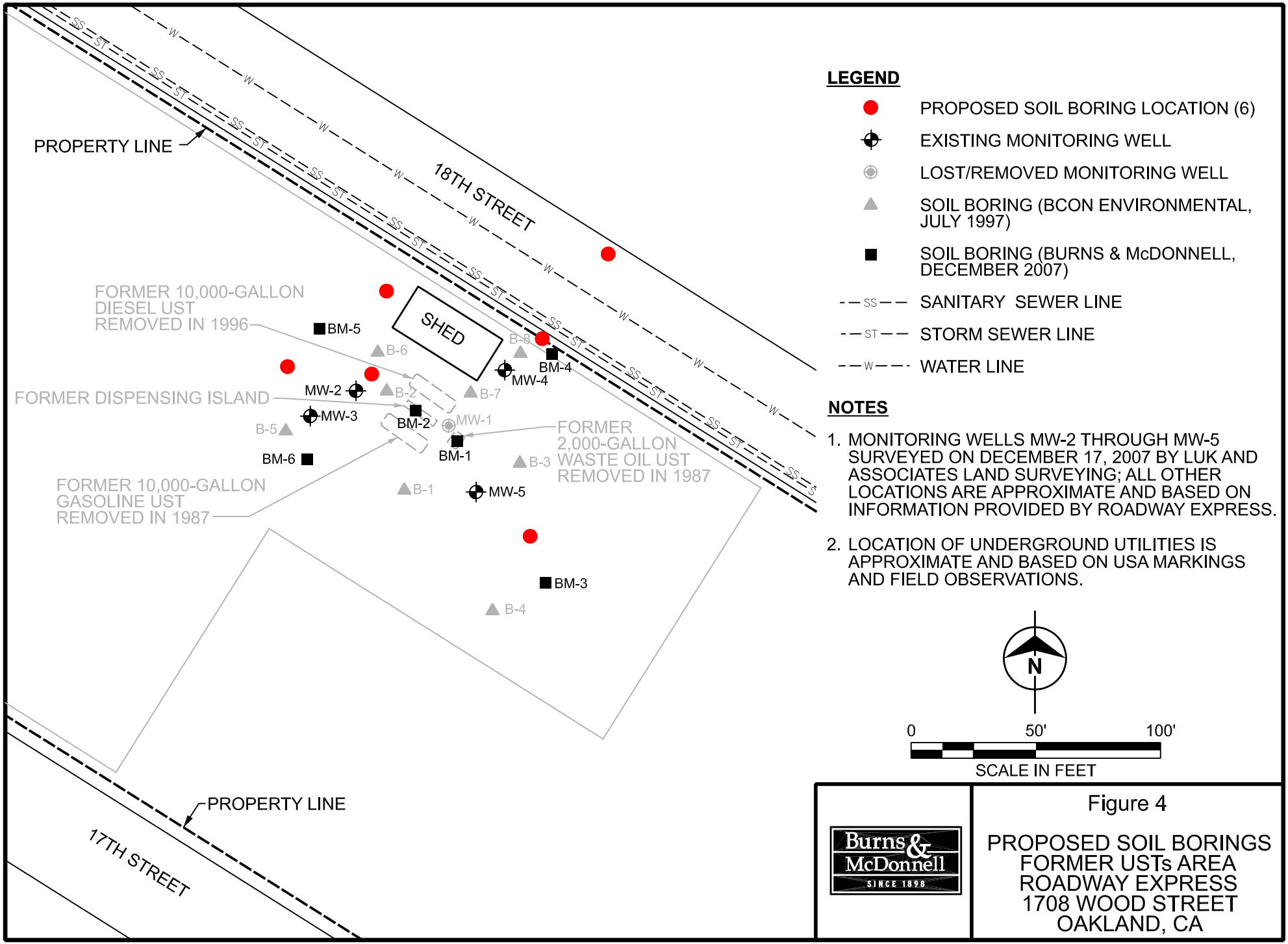
0 50' 100'

SCALE IN FEET

Figure 3

PROPOSED SOIL BORINGS
ABANDONED USTs AREA
ROADWAY EXPRESS
1708 WOOD STREET
OAKLAND, CA

K:\YRC ENTERPRISE SERVICES INC\YRCW OAKLAND, CA\USTN\2008-05 WORKPLAN\YRC-OAK FIG 3 PROPBOR.DGN 5-06-2008 10:12 F_BITTNE



LEGEND

- PROPOSED SOIL BORING LOCATION (6)
- EXISTING MONITORING WELL
- LOST/REMOVED MONITORING WELL
- SOIL BORING (BCON ENVIRONMENTAL, JULY 1997)
- SOIL BORING (BURNS & McDONNELL, DECEMBER 2007)
- SS — SANITARY SEWER LINE
- ST — STORM SEWER LINE
- W — WATER LINE

NOTES

1. MONITORING WELLS MW-2 THROUGH MW-5 SURVEYED ON DECEMBER 17, 2007 BY LUK AND ASSOCIATES LAND SURVEYING; ALL OTHER LOCATIONS ARE APPROXIMATE AND BASED ON INFORMATION PROVIDED BY ROADWAY EXPRESS.
2. LOCATION OF UNDERGROUND UTILITIES IS APPROXIMATE AND BASED ON USA MARKINGS AND FIELD OBSERVATIONS.

N

0 50' 100'

SCALE IN FEET

Burns & McDonnell SINCE 1898

Figure 4

PROPOSED SOIL BORINGS
FORMER USTs AREA
ROADWAY EXPRESS
1708 WOOD STREET
OAKLAND, CA

K:\YRC ENTERPRISE SERVICES INC\YRCW OAKLAND, CA\USTN\2008-05 WORKPLAN\YRC-OAK FIG 4 PROPBOR.DGN 5-06-2008 10:12 F_BITTNE

APPENDIX A

EDR GEOCHECK® REPORT

The EDR GeoCheck® Report

Roadway Express
1708 Wood Street
Oakland, CA 94607

Inquiry Number: 2199357.5s

April 18, 2008

EDR® Environmental Data Resources Inc

The Standard in Environmental Risk Information

440 Wheelers Farms Road
Milford, Connecticut 06461

Nationwide Customer Service

Telephone: 1-800-352-0050
Fax: 1-800-231-6802
Internet: www.edrnet.com

TABLE OF CONTENTS

SECTION **PAGE**

GEOCHECK ADDENDUM

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

GEOCHECK® - PHYSICAL SETTING SOURCE REPORT

TARGET PROPERTY ADDRESS

ROADWAY EXPRESS
1708 WOOD STREET
OAKLAND, CA 94607

TARGET PROPERTY COORDINATES

Latitude (North):	37.81541 - 37° 48' 55.5''
Longitude (West):	122.29611 - 122° 17' 46.0''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	561956.2
UTM Y (Meters):	4185362.8
Elevation:	11 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	37122-G3 OAKLAND WEST, CA
Most Recent Revision:	1980

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

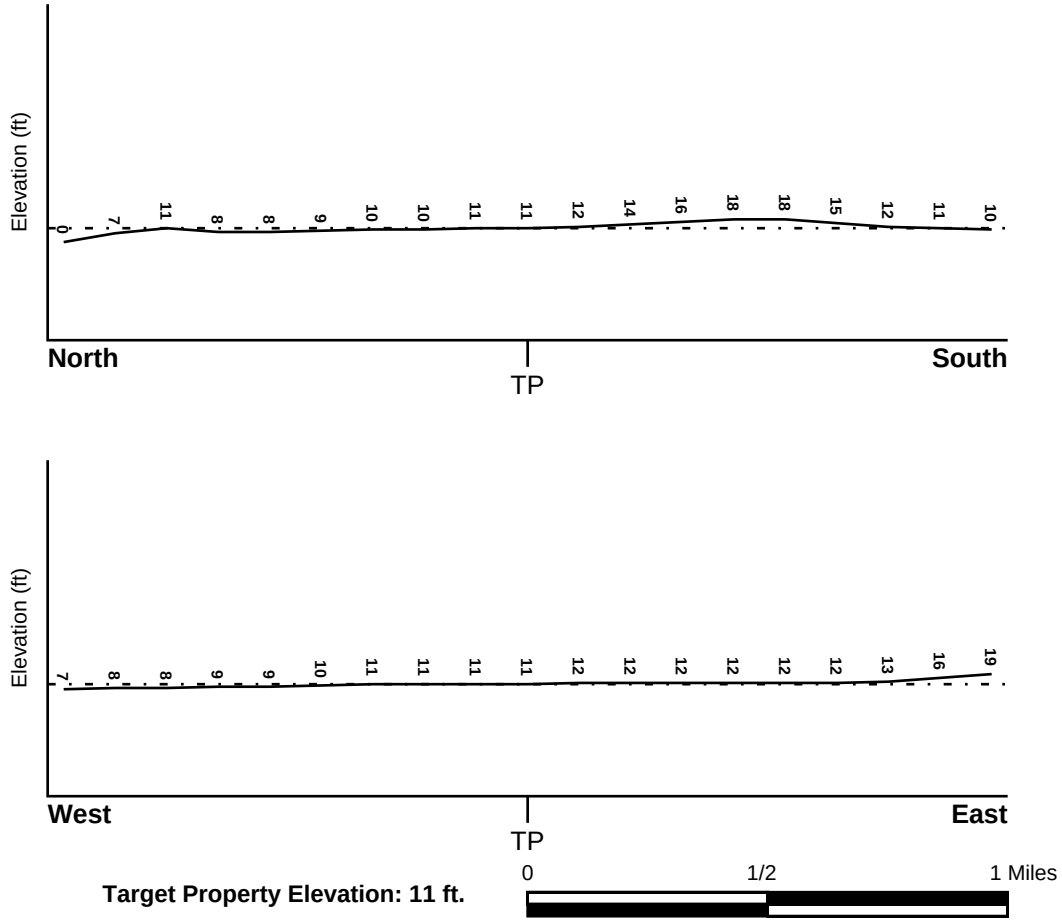
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General North

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 11 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Target Property County	FEMA Flood Electronic Data
ALAMEDA, CA	YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 0650480015B

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
OAKLAND WEST	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles
Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
1	0 - 1/8 Mile South	Not Reported
A2	1/4 - 1/2 Mile ESE	N
A3	1/4 - 1/2 Mile ESE	SSW
A4	1/4 - 1/2 Mile East	NW
A5	1/4 - 1/2 Mile East	NW
A6	1/4 - 1/2 Mile East	NW
7	1/4 - 1/2 Mile SE	SW
8	1/4 - 1/2 Mile South	NE, SE, S
9	1/4 - 1/2 Mile NE	E, W

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
B10	1/4 - 1/2 Mile ESE	W
B11	1/4 - 1/2 Mile ESE	W
B12	1/4 - 1/2 Mile ESE	W
13	1/4 - 1/2 Mile ENE	SE
C14	1/4 - 1/2 Mile NNE	SW
C15	1/4 - 1/2 Mile NNE	SE
D16	1/4 - 1/2 Mile SE	NE
D17	1/4 - 1/2 Mile SE	N, S
18	1/4 - 1/2 Mile SSW	N, E, S, W
19	1/2 - 1 Mile NW	SE
20	1/2 - 1 Mile NW	S
D21	1/2 - 1 Mile SE	Not Reported
D22	1/2 - 1 Mile SE	Not Reported
E23	1/2 - 1 Mile WNW	SW
E24	1/2 - 1 Mile WNW	SW
E25	1/2 - 1 Mile WNW	SSW
F26	1/2 - 1 Mile East	S
F27	1/2 - 1 Mile East	S
F28	1/2 - 1 Mile East	S
29	1/2 - 1 Mile ENE	NE
30	1/2 - 1 Mile NE	S
31	1/2 - 1 Mile East	W
G32	1/2 - 1 Mile West	NW
G33	1/2 - 1 Mile West	NW
G34	1/2 - 1 Mile West	Not Reported
35	1/2 - 1 Mile NNE	E
H36	1/2 - 1 Mile NW	SE,S,Varies
H37	1/2 - 1 Mile NW	S
38	1/2 - 1 Mile ENE	SW
39	1/2 - 1 Mile SW	E
40	1/2 - 1 Mile NNE	Varies
41	1/2 - 1 Mile South	SW
I42	1/2 - 1 Mile SSE	SE,S,Varies
I43	1/2 - 1 Mile SSE	S
I44	1/2 - 1 Mile SSE	SE,S,Varies

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

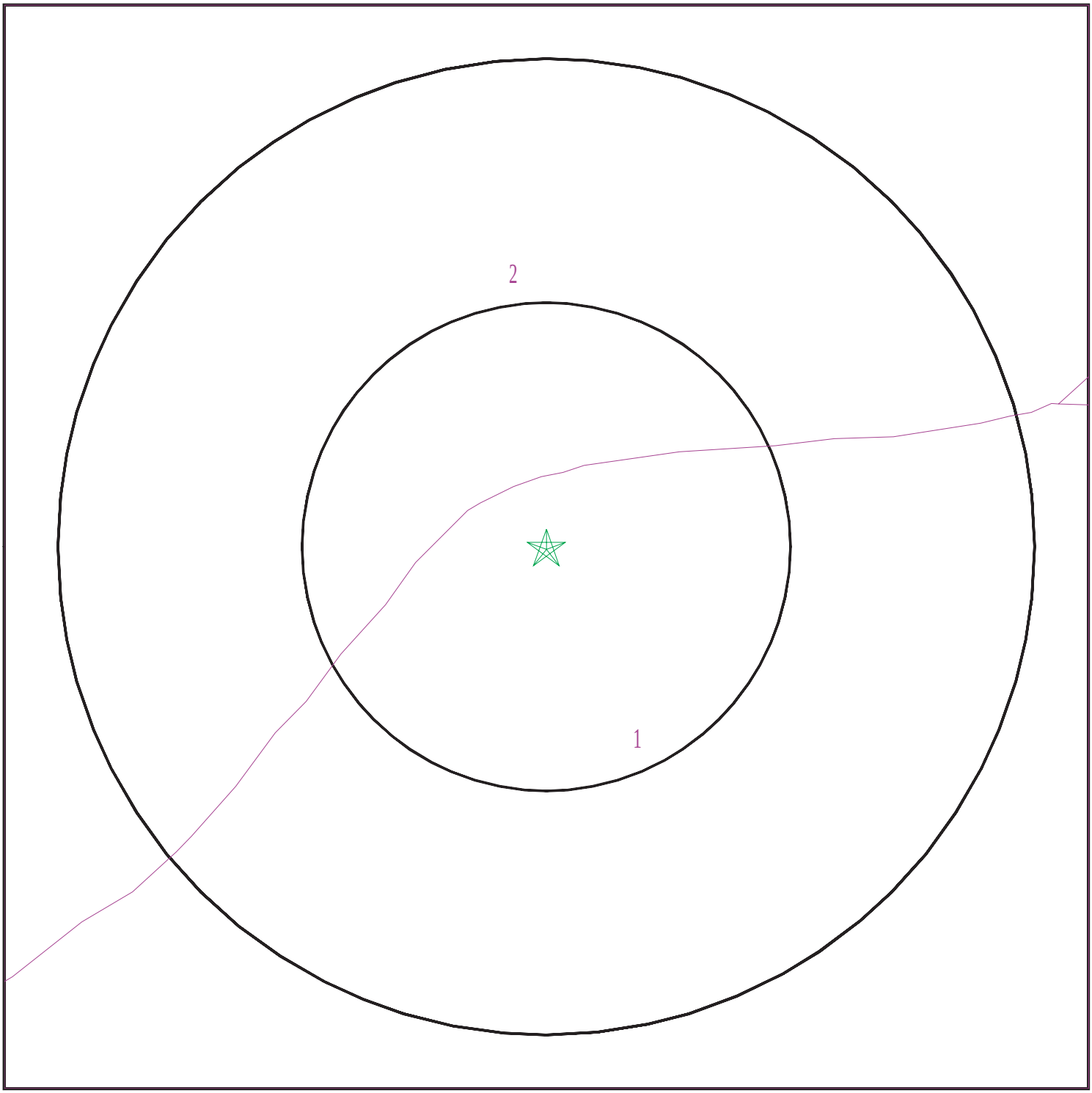
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 2199357.5s



Target Property
SSURGO Soil
Water

0 1/16 1/8 1/4 Miles

N

SITE NAME:	Roadway Express	CLIENT:	Burns & McDonnell Engineering
ADDRESS:	1708 Wood Street	CONTACT:	Katherine Spencer
	Oakland CA 94607	INQUIRY #:	2199357.5s
LAT/LONG:	37.8154 / 122.2961	DATE:	April 18, 2008 3:30 pm

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 2

Soil Component Name: Urban land

Soil Surface Texture:
Hydrologic Group: Not reported

Soil Drainage Class:
Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	1.000
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

PHYSICAL SETTING SOURCE MAP - 2199357.5s

- County Boundary
- Major Roads
- Contour Lines
- Power transmission lines
- Earthquake Fault Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells
- 100-year flood zone
- 500-year flood zone
- National Wetland Inventory

N

SITE NAME:	Roadway Express
ADDRESS:	1708 Wood Street Oakland CA 94607
LAT/LONG:	37.8154 / 122.2961

CLIENT:	Burns & McDonnell Engineering
CONTACT:	Katherine Spencer
INQUIRY #:	2199357.5s
DATE:	April 18, 2008 3:30 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
1 **South** **0 - 1/8 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0152 Not Reported Not Reported Not Reported 15 04/22/1993	**AQUIFLOW**	**55883**
A2 **ESE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-5284 N 3.0 4.0 Not Reported 02/18/1992	**AQUIFLOW**	**55940**
A3 **ESE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-5284 SSW Not Reported Not Reported 12 02/18/1992	**AQUIFLOW**	**55941**
A4 **East** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 7.6 09/12/1997	**AQUIFLOW**	**55981**
A5 **East** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 5 07/01/1998	**AQUIFLOW**	**55983**
A6 **East** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0438 NW Not Reported Not Reported 4 05/06/1998	**AQUIFLOW**	**55982**
7 **SE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0933 SW 6.5 7.5 Not Reported 04/08/1986	**AQUIFLOW**	**55988**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
8 **South** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0506 NE, SE, S Not Reported Not Reported Not Reported 11/17/1994	**AQUIFLOW**	**55880**
9 **NE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3995 E, W Not Reported Not Reported 55 11/1995	**AQUIFLOW**	**55923**
B10 **ESE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported 74 09/24/1992	**AQUIFLOW**	**55822**
B11 **ESE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported 73 11/21/1988	**AQUIFLOW**	**55821**
B12 **ESE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2048 W Not Reported Not Reported Not Reported 08/03/1993	**AQUIFLOW**	**55823**
13 **ENE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2218 SE 8.15 9.04 Not Reported 07/14/1995	**AQUIFLOW**	**63941**
C14 **NNE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-4835 SW Not Reported Not Reported 5.0 07/10/1995	**AQUIFLOW**	**63936**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
C15 **NNE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2294 SE Not Reported Not Reported 55 12/03/1997	**AQUIFLOW**	**64099**
D16 **SE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0282 NE Not Reported Not Reported Not Reported 03/27/1989	**AQUIFLOW**	**55977**
D17 **SE** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0282 N, S Not Reported Not Reported 5 06/05/1989	**AQUIFLOW**	**55976**
18 **SSW** **1/4 - 1/2 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0487 N, E, S, W Not Reported Not Reported 12 12/31/1992	**AQUIFLOW**	**55917**
19 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2104 SE Not Reported Not Reported 6.5 03/23/1994	**AQUIFLOW**	**55910**
20 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2104 S Not Reported Not Reported 7.5 08/05/1992	**AQUIFLOW**	**55911**
D21 **SE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3911 Not Reported Not Reported Not Reported 10 03/24/1992	**AQUIFLOW**	**55972**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID / Direction / Distance / Elevation			Database	EDR ID Number
D22 **SE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3911 Not Reported Not Reported Not Reported 10 11/08/1988	**AQUIFLOW**	**55973**
E23 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 5.5 6.0 Not Reported 07/24/1998	**AQUIFLOW**	**55991**
E24 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SW 4.5 5.0 Not Reported 07/03/1998	**AQUIFLOW**	**55992**
E25 **WNW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1310 SSW Not Reported Not Reported 15 08/04/1994	**AQUIFLOW**	**55993**
F26 **East** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 15 04/27/1993	**AQUIFLOW**	**55954**
F27 **East** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S Not Reported Not Reported 12-15 04/27/1993	**AQUIFLOW**	**55955**
F28 **East** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2299 S 12 15 Not Reported 06/24/1996	**AQUIFLOW**	**55953**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
29 **ENE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2288 NE Not Reported Not Reported Not Reported 10/29/1997	**AQUIFLOW**	**64082**
30 **NE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0847 S Not Reported Not Reported Not Reported 08/17/1992	**AQUIFLOW**	**63624**
31 **East** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0833 W Not Reported Not Reported 3 03/23/1994	**AQUIFLOW**	**63895**
G32 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 10 11/1992	**AQUIFLOW**	**55946**
G33 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 NW Not Reported Not Reported 9 11/24/1992	**AQUIFLOW**	**55947**
G34 **West** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0939 Not Reported .6 7.5 Not Reported 04/1992	**AQUIFLOW**	**55945**
35 **NNE** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-3995 E Not Reported Not Reported 43 02/15/1993	**AQUIFLOW**	**55922**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
H36 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0718 SE,S,Varies 8 12 Not Reported 09/1992	**AQUIFLOW**	**55835**
H37 **NW** **1/2 - 1 Mile** **Lower**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0718 S 16 18 Not Reported 09/28/1992	**AQUIFLOW**	**55834**
38 **ENE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0053 SW Not Reported Not Reported 10.5 03/18/1998	**AQUIFLOW**	**55970**
39 **SW** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1414 E Not Reported Not Reported 11.5 06/20/1988	**AQUIFLOW**	**67911**
40 **NNE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2319 Varies Not Reported Not Reported 119 11/17/1993	**AQUIFLOW**	**63684**
41 **South** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0933 SW Not Reported Not Reported 20 08/05/1992	**AQUIFLOW**	**55989**
I42 **SSE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 8 01/17/1997	**AQUIFLOW**	**55793**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance Elevation			Database	EDR ID Number
I43 **SSE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 S Not Reported Not Reported 15 03/05/1997	**AQUIFLOW**	**55794**
I44 **SSE** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2322 SE,S,Varies Not Reported Not Reported 5 09/26/1992	**AQUIFLOW**	**55795**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zip	Total Sites	> 4 Pci/L	Pct. > 4 Pci/L
94607	3	0	0.00

Federal EPA Radon Zone for ALAMEDA County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ALAMEDA COUNTY, CA

Number of sites tested: 49

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.776 pCi/L	100%	0%	0%
Living Area - 2nd Floor	-0.400 pCi/L	100%	0%	0%
Basement	1.338 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION