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Alameda County
Environmental Health

PHASE I
ENVIRONMENTAL
SITE ASSESSMENT

8410 Amelia Street
Oakland
California

FOR

Summit Bank
2969 Broadway
Oakland, CA 94611



February 29, 2008
08-ENV1134



February 29, 2008
08-ENV1134

Summit Bank
2969 Broadway
Oakland, CA 94611

Attention: Mr. Anthony Thompson

Subject: Phase I Environmental Site Assessment Report
8410 Amelia Street
Oakland, California 94621

Dear Mr. Thompson:

Basics Environmental, Inc. (Basics) is pleased to present the results of our Phase I Environmental Site Assessment for the subject property. This report describes the Phase I Environmental Site Assessment of the site located at 8410 Amelia Street in Oakland, California.

Based on the information compiled from a site reconnaissance, historical records review, and regulatory agency database search and file review our findings indicate there are no apparent recognized environmental conditions onsite that warrant further investigation or documentation at this time.

Should you have any questions regarding this report, please contact the undersigned.

Sincerely,

Basics Environmental, Inc.

A handwritten signature in black ink, appearing to read "Sau San", written over a white background.

Sau San
Senior Project Manager

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PROFESSIONAL CERTIFICATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT

8410 Amelia Street
Oakland, California

For

Summit Bank
08-ENV1134

February 29, 2008

This report has been prepared by the staff of Basics Environmental, Inc. (Basics) under the professional supervision of an "Environmental Professional" as defined by the U.S. Environmental Protection Agency's Final Rule. The findings, interpretations of data, recommendations, specifications or professional opinions are presented within the limits prescribed by available information at the time the report was prepared, in accordance with generally accepted professional environmental practice and within the requirements by the Client. There is no other warranty, either expressed or implied.

The data and findings of this report are based on the readily available data and information obtained from numerous public and private agencies regarding the subject site and its immediate vicinity. Additional search (at greater cost) may or may not disclose information, which may significantly modify the findings of this report. We accept no liability on completeness or accuracy of the information presented and or provided to us, or any conclusions and decisions, which may be made by the Client or others regarding the subject site.

This report was prepared solely for the benefit of Basic's Client. Basics consents to the release of this report to third parties involved in the transaction for which the report was prepared, including without limitation, lenders, title companies, public institutions, attorneys, and other consultants. However, any use of or reliance upon this report shall be solely at the risk of such party and without legal recourse against Basics, or its subcontractors, affiliates, or their respective employees, officers, or directors, regardless of whether the action in which recovery of damage is sought is based upon contract, tort (including the sole, concurrent or other negligence and strict liability of Basics), statute or otherwise. This report shall not be used or relied upon by a party that does not agree to be bound by the above statements.

Donavan G. Tom, M.B.A., R.E.A. II
Principal Consultant



PHASE I

08-ENV1134

1.0 INTRODUCTION

1.1 Purpose of Investigation

Basics Environmental, Inc. (Basics) has performed this Phase I Environmental Site Assessment (ESA) for Summit Bank pursuant to our signed agreement on February 15, 2008. The "subject site" is at 8410 Amelia Street, Oakland, California. The purpose of this ESA is to:

- Observe site conditions at the property in accordance with the protocols set forth by the *American Society for Testing and Materials (ASTM) Standard E1527-05, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and *U.S. Environmental Protection Agency's All Appropriate Inquiry (AAI) Final Rule 40 CFR Part 312*, except where modified by the proposal;
- Identify to the extent feasible recognized environmental conditions in connection with the subject site. The ESA is intended to evaluate the potential for the presence of hazardous or toxic chemicals in the soil and/or groundwater resulting from past and present land use activities. To the extent possible, potential sources of hazardous or toxic chemicals from adjacent off-site operations will also be evaluated; and
- Render findings and professional opinion regarding the potential for adverse environmental impacts on or adjacent to the site.

1.2 Scope of Work

The scope of work performed for this ESA consisted of the following tasks:

- Field reconnaissance and personal interviews to evaluate environmental land-use conditions on the subject site and view adjacent properties;
- Aerial photograph, City Directory and/or Fire Insurance/Topographic Map review (typically back to 1940 or first developed use of the property) to evaluate former environmental land-use conditions on the subject site and adjacent properties;
- Review of federal, state, and county files and environmental database search report obtained from a commercial service providing up to date and current information;

- Evaluation of the physical setting (geomorphic, geologic and hydrogeologic) of the subject site property; and
- Preparation of this ESA report to present the findings and professional opinions regarding potential recognized environmental conditions on the site.

The work for this ESA was performed within the client-approved scope of work and budget for the investigation.

1.3 Special Terms and Conditions

The goal of this ESA is to identify recognized environmental conditions indicating the presence or likely presence of any hazardous substances or petroleum hydrocarbons in structures, ground, groundwater, or surface water of the property. Recognized environmental conditions are not intended to include *de minimus* conditions that do not present risks to public health or environment and that would not be subject to enforcement actions by government agencies.

1.4 Limitations and Exceptions

This ESA only includes a visual evaluation of the presence of asbestos, wetlands, mold, radon or lead paint, if applicable. In addition, this ESA does not include the results of any sampling, monitoring, or other types of field and/or laboratory testing or investigation.

1.5 User Responsibilities

The user of this ESA will be responsible for: (1) determining the relationship of the purchase price to the value of the property; (2) disclosure of specialized knowledge, experience or information, which may affect the environmental condition of the subject site; and (3) disclosure of any environmental cleanup liens against the property within recorded land title records, if applicable.

2.0 SITE DESCRIPTION AND RECONNAISSANCE

2.1 Site Description and Uses

A Basics representative visited the subject site on February 22, 2008. Basics observed the various facilities and operations conducted at the site and noted the land-use in the vicinity of the site. Mr. Drew Fischer, representative of the subject site, provided access to available areas and was briefly interviewed during the site visit.

2.1.1 Site Description and Uses

The subject site is located in the City of Oakland bordered by Amelia Street to the west, 85th Avenue (formerly Highland Avenue) to the south, and G Street (formerly Peralta Avenue) to the east (See Drawing 1). The subject site consists of three parcels (Assessor's Parcel Numbers 42-4300-8, 42-4300-9, and 42-4301-1-5) of land totaling approximately three and a half acres. The parcel addressed as 8310 Amelia Street is not included in the subject site. The subject site is improved with five industrial buildings (referred to in this report as Buildings A-E). In addition to the five buildings, the subject site consists of a gravel covered storage yard, concrete and asphalt-paved areas, and unpaved areas (See Photos and Drawing 2).

Building A is located at the northeastern portion of the subject site and is constructed of steel beam framing on a concrete foundation, with corrugated metal exterior walls. Interior building materials consist of bare concrete floors, drywall, and steel truss ceilings.

Building B is located to the south of Building A, near the center of the subject site and is constructed of concrete framing on a concrete foundation, with concrete exterior walls. Interior building materials consist of bare concrete floors, drywall, and wood truss ceilings.

Building C is located at the west side of the subject site and is constructed of wood framing on a concrete perimeter foundation, with stucco exterior walls. Interior building materials consist of carpet and resilient tile floors, drywall, and acoustic ceiling tiles.

Building D is located at the east side of the subject site and is constructed of wood and concrete block framing on a concrete foundation with stucco and concrete block exterior walls. Interior building materials consist of bare concrete floors, drywall, and wood truss ceilings.

Building E is located at the southern portion of the subject site and is constructed of concrete block framing on a concrete foundation, with concrete block exterior walls. Interior building materials consist of bare and painted concrete floors, drywall, and wood truss ceilings.

Utilities including water, electric, natural gas and sewage service are publicly supplied. The general area surrounding the property is developed commercial and residential. A site plan illustrating the subject site and adjacent properties is shown in Drawing 2.

The subject site is currently occupied Shred Works (8402 Amelia Street), a paper, cloth, and compact disk shredding company; D&J International, Inc. (8410 Amelia Street), a plastic recycler; and Act Church (8430 Amelia Street), a church/thrift store.

Building A - The Building A is currently occupied by Shred Works. Entrances to the building are located at the east and west side of the building, providing access to the warehouse area from the paved parking area and railroad tracks (not in operation), respectively. However, the main entrance to the building is located at the south side of the building, which is adjacent to Building B and is mostly occupied by Shred Works. The building is comprised of a warehouse area, a lunch room, and restroom facility.

The majority of the building is utilized as a warehouse area. Located within the warehouse area are bailed fabric, shredded paper, and compact discs. The lunch room is located at the southwest corner of the building and the restroom facility is located at the south side of the building. Small sink basins were observed within the lunch room and restroom facilities. Visual observations of Building A did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the concrete floors within the warehouse area did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building B - The majority of Building B is currently occupied by Shred Works while the southwest portion of Building B is currently occupied by D&J International, Inc. Entrances to the each of the units are located at the south side of the building. In addition, the north side of the building provides access to the adjacent Building A, also occupied by Shred Works.

Shred Works- The north and east portions of Building B is occupied by Shred Works and is utilized as a warehouse area. Located within the warehouse area are containers of paper, fabric, and compact discs, a conveyor, a shredder, and a bailer. A small pit is located at the south side of the shredder. Shredded materials are dropped into the pit from the shredder and pushed through the bailer. Visual observations of Building B did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the concrete floors within the warehouse area did not reveal any other obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

D&J International, Inc. - The southwest portion of Building B is occupied by D&J International, Inc. and is comprised of an office area, a warehouse area, and restroom facilities. Located within the warehouse area are boxes of plastic bags for sale, plastic extruder, and bins of plastic materials. An empty office area and restroom facility are located at the north side of the warehouse area occupied by D&J International, Inc. Visual observations of the concrete floors within the warehouse area occupied by D&J International, Inc. did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building C- Building C is currently segregated into three office units, occupied by D&J International, Inc., Shred Works, and Act Church. D&J International, Inc. is located at the north side of the building, Shred Works is located at the center of the building, and Act Church is located at the south side of the building. The main entrances to the office units are located at the north, east, and south sides of the building providing access to D&J International, Inc., Shred Works, and Act Church, respectively. Located within the office units are typical office furnishings, break areas, and restroom facilities. Small sink basins are located within the restroom facilities. Visual observations of Building C did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the floors within Building C did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building D- Building D is currently occupied by Act Church. Entrances the building are located at the west and northeast sides of the building, providing access to the main part of the building and a storage addition, respectively. Both areas of Building D are utilized by Act Church for storage of home furnishings, clothing items, toys, and other thrift store items. A small

dry-type transformer was observed at the south side of the building. Visual observations of the transformer did not reveal any obvious evidence of stains or spills from hazardous materials. Visual observations of Building D revealed spots of paint on the concrete floor, at the south side of the building. The stains appeared to be superficial. Visual observations of the floors within Building D did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building E- Building E is currently occupied by Act Church. The west side of the building is utilized as a thrift store and is connected to the southern portion of Building C, which is also occupied by Act Church. The east side of Building E is utilized as storage space. Both sides of the building contain home furnishings, clothing items, toys, and miscellaneous thrift store items. Restroom facilities and a changing room are located at the south side of the building. Visual observations of Building E did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the floors within Building E did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Gravel Covered Storage Yard - The gravel covered storage yard is located at the north side of the subject site and is occupied by Shred Works. The storage yard is enclosed by a chain link fence and is accessible from Amelia Street to the west. Wood pallets, non-functioning buses, and steel beams were observed within the storage yard. Visual observations of the gravel covered storage yard and did not reveal any obvious signs of hazardous materials, stains, or spills other than minor oil stains common to all parking lots.

Paved Areas – Concrete and asphalt paved areas are located west of Building A, south of Building B, south of Buildings C and E, and east of Building E. The paved areas are utilized by Shred Works, D&J International, Inc., and Act Church for storage and parking. Most of the paved areas are enclosed by chain linked fence. The paved areas are accessible via driveways to the west along Amelia Street.

The paved area west of Building A is utilized by Shred Works as a parking area. Visual observations of the area did not reveal any obvious signs of hazardous materials, stains, or spills other than minor oil stains common to all parking lots.

The paved area south of Building B is shared by Shred Works, D&J International, Inc., and Act Church. A storm drain was observed at the west side of the paved area. One inch pipes were observed at the northwest corner of Building C, to the southwest of this drain (See Photograph 18). The function of the pipes could not be determined. However, the piping appeared to be possibly part of a former vent pipe associated with a former underground storage tank (UST). An overhang is attached to the south side of Building B. Another storm drain is located beneath the overhang. Visual observations of the storm drain did not reveal any obvious evidence of hazardous materials (i.e. odors, floating product, stains, etc.). A small raised concrete foundation (approximately 2 feet by 2 feet) with fastening bolts was observed at the east side of the subject site (See Photograph 13). The function of this small raised concrete foundation could not be determined. However, there is a potential that this is the location of a former fuel dispenser. One 55-gallon drum of unknown material was observed at the east side of the subject site. Oily dirt was observed around the bottom of the drum though most of it appeared to be water from recent rains. As a best management practice, drums containing hazardous materials should be equipped with secondary containment or properly disposed if they are not being used.

The paved area south of Buildings C and E is paved with concrete and asphalt and is utilized by Act Church as a parking area. Visual observations of the associated paved area south of Buildings C and E did not reveal any obvious signs of hazardous materials, stains, or spills other than minor oil stains common to all parking lots.

The paved area to the east of Building E contains a loading dock/ramp. Visual observations of the loading dock/ramp did not reveal any obvious evidence of hazardous materials, stains, or spills.

Unpaved Areas - A small strip of undeveloped area is located along the east side of the subject site. At the time of the site visit, property markers were observed between the subject site and the adjacent railroad tracks. A vent pipe was observed at the east side of the subject, mounted to the east side of Building B (See Photographs 9-12). Such vent pipes are often associated with underground storage tanks (USTs).

Three pole-mounted transformers were observed to the east of Building B. Such units are notable because they may be polychlorinated biphenyl (PCB) sources. PCB units may subject the owner/operator to various requirements. The release of PCB fluids or their combustion products (in the event of a fire) is a potential environmental liability and may require remediation. Observations of the area surrounding the transformers did not reveal any obvious signs of hazardous material stains and/or spills. The transformers appeared to be in fair condition with no labels identifying PCBs. Due to the lack of PCB labels, the probability of PCBs is low.

A small strip of landscaped area is located at the western portion of the subject site. Visual observations of the landscaped area did not reveal any obvious signs of hazardous materials, stains, or spills. No obvious evidence of other underground storage tanks, distressed vegetation, or other surface impoundments were observed throughout the site during the inspection.

2.2 Adjacent Properties

Sites in the vicinity of the subject site were observed during the site reconnaissance to evaluate conditions or businesses indicative of hazardous or potentially toxic materials use.

The following are the uses of the adjoining properties.

- North - Railroad Tracks followed by Warehouses
- South - 85th Avenue followed by Unmarked Building (852 85th Avenue), Taiz Market (874 85th Avenue), and Residence (8517 G Street)
- East - Railroad Tracks followed by G Street and Residential Apartment Complex
- West - Amelia Street followed by Elmhurst Business Center (725 and 745 Amelia Street)
- Note: The subject site wraps around Risso Machine Shop (8310 Amelia Street)

Visual observations of the adjacent properties did not reveal any obvious evidence of business activities indicative to the use, storage and/or treatment of hazardous materials. Evidence of former groundwater monitoring wells was along Amelia Street west of the subject site. However, the adjacent property to the south of the subject site at 852 85th Avenue was identified in the regulatory database report. This site is further discussed in Section 5.1.

3.0 PHYSICAL SITE SETTING

3.1 Geomorphic Description

The subject site is located in the East Bay Plain Area of the San Francisco Bay drainage basin. The flat, alluvial lowlands are bounded to the north by the San Pablo Bay, to the east by the Hayward Fault and the Coast Range foothills, and to the south and west by the San Francisco Bay. Older alluvium in the area consists of Pliocene and Pleistocene clay, silt, sand and gravel. These sediments were derived mainly from the hills to the east, and represent successive coalescing alluvial fans.

The subject site is located within an area that has been geologically mapped as interfluvial basin deposits. These deposits typically consist of unconsolidated, plastic, moderately to poorly sorted, silt and clay rich in organic material.

The subject site is situated above the San Leandro Cone hydrogeologic sub-area. It is believed that the San Leandro Cone sub-area contains geological units correlative to the San Lorenzo and Niles Cone sub-areas. These sub-areas consist of various sand and gravel strata within older alluvium. Three shallow (to 400 feet below grade surface (bgs)) aquifers have been identified for the Niles Cone sub-area, the Newark, Centerville, and Fremont aquifers.

3.2 Geologic Setting

According to previous on-site subsurface investigations, the subject site is underlain by stiff black plastic clay to an approximate depth of nine feet bgs. This stratum is underlain by olive/greenish gray, stiff plastic clay to approximately 12 feet bgs. Stiff black plastic clay was encountered from 12 feet bgs extending to approximately 15 feet bgs. A six-inch fine to medium-grained sand lens with gravel was encountered at this depth, beneath which another stiff black plastic clay was observed to a depth of 17.5 bgs. The interval between 17.5 and 20 feet bgs included a fine-grained sand, grading to a medium-grained sand (approximately 18.5 feet bgs), which in turn graded into a gravelly sand from approximately 19 feet bgs to the deepest drilled depth (20 feet bgs).

3.3 Hydrogeologic Setting

The site is located approximately 1.41 mile east of the San Leandro Bay. Based on a review of the groundwater monitoring data collected from the subject site, groundwater was first encountered at approximately 11 feet bgs within the borings during drilling. Groundwater was noted to rise within the wells subsequent to installation, indicating confined or semi-confined groundwater conditions. Groundwater was calculated to flow to the south-southwest. Hillside runoff, aquifer pumping, tidal fluctuations or other factors may influence groundwater levels. Seasonal variations should also be anticipated.

4.0 HISTORICAL REVIEW

Site historical information was obtained from a review of Sanborn Fire Insurance Maps, United States Geological Survey (U.S.G.S.) Topographic Maps, aerial photographs, and Polk and Haines City Directories. The following Sanborn maps, topographic maps, and city directories were reviewed on February 20, 2008, within the libraries maintained by the University of California in Berkeley, California (UCB) and City of Oakland, California. The aerial photographs were provided by UCB, GlobeXplorer, Terra Server USA, and Google Earth. Historical addresses associated with the subject site include 8300, 8410, 8428, 8442, and 8450 Amelia Street; 865 85th Avenue (formerly Highland Avenue); and 8301 through 8435 G Street (formerly Peralta Avenue).

<u>Reference</u>	<u>Date</u>
Sanborn Fire Insurance Map	1889
Sanborn Fire Insurance Map	1903
Sanborn Fire Insurance Map	1912
Sanborn Fire Insurance Map	1925
Sanborn Fire Insurance Map	1950
Sanborn Fire Insurance Map	1952
Sanborn Fire Insurance Map	1959
Sanborn Fire Insurance Map	1960
Sanborn Fire Insurance Map	1961
Sanborn Fire Insurance Map	1965
Aerial Photograph	1968
Sanborn Fire Insurance Map	1968
Polk City Directory	1969
Sanborn Fire Insurance Map	1969
Haines City Directory	1973
Haines City Directory	1977
Haines City Directory	1982
Haines City Directory	1987
Haines City Directory	1992
Aerial Photograph	1993
U.S.G.S. Topographic Map	1993
Haines City Directory	1997
Aerial Photograph	2002
Haines City Directory	2002
Aerial Photograph	2007

In the Oakland Sanborn Fire Insurance Maps of 1889, 1903, and 1912, the subject site fell beyond the area of coverage and no site-specific maps were available. However, the index map of 1912 depicted Amelia Street, G Street, 83rd Avenue, and 85th Avenue in their current locations.

In the Sanborn Map of 1925, the subject site appeared to be developed with three residential dwellings (8301 G Street, and 8428 and 8448 Amelia Street) and an auto garage. 84th Avenue ran east and west through the subject site. The adjacent properties consisted of undeveloped land and residential dwellings.

In the Sanborn Map of 1950, the subject site appeared to be developed with the Albrite Paint and Varnish Company (8410-8428 Amelia Street), which consisted of an office/warehouse building (Building C) (with a printing area), a paint factory building, a sash and door factory building (Building D), a lumber storage building (between the current Buildings C and D), three storage buildings, two lumber storage sheds, and a lumber materials yard. A 40-gallon chemical cart was noted onsite (the location of the cart is unclear). In addition, a residence with garage (8442 Amelia Street), and a room (865 85th Avenue) were depicted at the southwest corner of the subject site. Three residences addressed as 8301 and 8301 ½ G Street and 8300 Amelia Street appeared at the northern portion of the subject site. 84th Avenue continued to run east and west through the subject site. The adjacent properties consisted of undeveloped land and residences (across G Street), an office building (across 85th Avenue), American Pipe Construction Company (across Amelia Street), and Mother's Cake and Cookie Factory (across 83rd Avenue).

In the Sanborn Map of 1952, the subject site continued to be occupied by the Albrite Paint and Varnish Company. A dry kiln and plywood warehouse was added to the west side of the subject site; a storage structure was demolished and constructed in another area of the subject site; two storage sheds and a garage were removed; two dwellings (8301 and 8301 ½ G Street) (north side of the subject site) were converted to storage buildings and a building material storage yard. The residence at the northwest corner of the subject site (8300 Amelia Avenue) remained unchanged. 84th Avenue was depicted as "Not Open." No significant changes appeared at the adjacent properties.

In the Sanborn Map of 1959, the subject site continued to be occupied by the Albrite Paint and Varnish Company. The two buildings at the north side of the subject site (8301 and 8301 ½ G Street), were demolished and railroad spurs were constructed along the east side of the subject site (along G Street) and northeast side of the subject (in the location of the former buildings). An auto garage was added to the dwelling at the northwest side of the subject site (8300 Amelia Street). Building B (addressed as 8410 Amelia Street) appeared to be developed at the center of the subject site, replacing the former dry kiln, plywood warehouse, paint factory, and storage sheds. The plywood warehouse (Building D) and office/warehouse building (Building C) at the east and west sides of the subject site remained unchanged, except the current loading dock/ramp was added to the east side of the subject site. Building E (addressed as 8428 Amelia Street) was developed in its current location as a plywood warehouse. An addition was constructed at the dwelling at the southwest portion of the subject site (8448 Amelia Street). A burner was depicted at the west side of the subject site, north of 8448 Amelia Street. The residence at the south side of the subject site (865 85th Avenue) was demolished and a new dwelling was constructed at the southwest corner of the subject site (8450 Amelia Street). 84th Avenue was no longer depicted through the subject site. The adjacent property at 8310 Amelia Street was developed with the current building. The adjacent properties consist of warehouses to the north, undeveloped land to the east, residences and a pipe shop to the south, and undeveloped land to the west.

In the Sanborn Map of 1960, the subject site continued to be occupied by the Albrite Paint and Varnish Company. The residences at the northwest corner of the subject site (8300 Amelia Street) were demolished. Building B remained unchanged. The office/warehouse building (Buildings C), plywood warehouse and factory (Building D), lumber storage building (between the current Buildings C and D), and plywood warehouse (Building E) remained unchanged. The residence at the southwestern portion of the subject site (8448 Amelia Street) was demolished. The burner remained unchanged. The residence at the southwestern corner of the subject site (8450 Amelia Street) was converted to a restaurant. No significant changes appeared at the adjacent properties.

In the Sanborn Map of 1961, the subject site continued to be occupied by the Albrite Paint and Varnish Company. No significant changes appeared at the subject site, except the residence at the southwestern corner of the subject site (8450 Amelia Street) was converted to a store. No significant changes appeared at the adjacent properties.

In the Sanborn Map of 1965, no significant changes appeared at the subject site, except an addition was constructed at Building D, the burner was no longer depicted, and the subject site was occupied by Weyerhaeuser Company. The buildings appeared to be utilized for the same purposes. In addition, the chemical cart was no longer depicted at the west side of the subject site but was still noted to be onsite. No significant changes appeared at the adjacent properties.

In the Sanborn Map of 1968, no significant changes appeared at the subject site. The adjacent property to the east of the subject site appeared to be developed with the current apartment complex. No other significant changes appeared at the adjacent properties.

In the aerial photograph of 1968, the subject site and adjacent properties appeared to be developed as noted in the 1968 Sanborn Map.

In the city directory of 1969, the subject site was listed as being occupied by Weyerhaeuser (wood products) (8410 Amelia Street) and Mount Olive Baptist Church (8450 Amelia Street). No other listings were found for the subject site addresses.

In the Sanborn Map of 1969, the subject site appeared to be occupied by Corrobilt Container Company. Building C was depicted as a commercial building. Building D was depicted as a manufacturing building. Buildings B (8410 Amelia Street) and E (8428 Amelia Street) appeared as warehouses. The lumber storage building between Building C and D was no longer used to store lumber (the usage of the building was not indicated). The store at the southwest corner of the subject site (8450 Amelia Street) remained unchanged. In addition, the chemical cart was no longer noted at the subject site and Building C was not yet developed with its southern addition. No significant changes appeared at the adjacent properties.

In the city directory of 1973, the subject site was listed as being occupied by Corrobilt Containers (8410 Amelia Street) and Brooks Samuel A. and Mount Olive Baptist Church (8450 Amelia Street). No other listings were found for the subject site addresses.

In the city directories of 1977 and 1982, the subject site was listed as being occupied by Corrobilt Containers (8410 Amelia Street) and as vacant (8450 Amelia Street). No other listings were found for the subject site addresses.

In the city directory of 1987, the subject site was listed as being vacant (8300 Amelia Street); occupied by Center Truck Body, Crosby & Overton Construction, Inc., and Liuita USA, Inc. (8410 Amelia Street); and as vacant (8450 Amelia Street). No other listings were found for the subject site addresses.

In the city directory of 1992, the subject site was listed as being occupied by Puccetti Wood Products (8402 Amelia Street), Creative Enclosures (8410 Amelia Street), Crosby & Overton Construction, Inc. (8430 Amelia Street). 8300 and 8450 Amelia Street were listed as being vacant. No other listings were found for the subject site addresses.

In the aerial photograph of 1993, the subject site and adjacent properties appeared to be developed with the current buildings.

In the topographic map of 1993, the subject site and adjacent properties appeared to be located in a shaded region designated as urban development.

In the city directory of 1997, the subject site was listed as being occupied by Puccetti Wood Products (8402 Amelia Street) and Crosby & Overton Construction, Inc. (8430 Amelia Street). 8300, 8410, and 8450 Amelia Street were listed as being vacant. No other listings were found for the subject site addresses.

In the aerial photograph of 2002, the subject site and adjacent properties appeared to be developed with the current buildings.

In the city directory of 2002, the subject site was listed as being occupied by Puccetti Wood Products (8402 Amelia Street), Recycling Works, Inc. (8410 Amelia Street), Crosby & Overton Construction, Inc. and Quality Furniture Manufacturing (8430 Amelia Street). 8450 Amelia Street was listed as being vacant. No other listings were found for the subject site addresses.

In the city directory of 2007, the subject site was listed as being occupied by Allied Poly Manufacturing, Inc., D&J International, Inc. and Shred Works (8410 Amelia Street). 8402 and

8430 Amelia Street were listed as being vacant. No other listings were found for the subject site addresses.

In the aerial photograph of 2007, the subject site and adjacent properties appeared to be developed with the current buildings.

5.0 ENVIRONMENTAL DATABASE REVIEW

5.1 Agency Record Review

Track Info Services Environmental FirstSearch (FirstSearch) was contracted to compile data from available government agency databases on locations of actual and potentially impacted sites within a one-mile radius of the subject property. Copies of the environmental database lists and the location map for the subject site are included in Appendix A.

The results of the database search by FirstSearch revealed 179 mapped listings and seven unmapped listings within a one-mile radius, of which 20 mapped listings were plotted within a one-eighth mile radius of the subject site. Based on distance from the subject property and regional hydrogeology, the following select sites identified by FirstSearch have the highest potential to impact the subject site.

- **Dreisbach Associates, Crosby & Overton, Inc., and Puccetti Wood Products, Inc.** – 8410 Amelia Street, Oakland
The subject site was identified on the leaking underground storage tank (LUST), Facility Index System (FINDS), and small quantity generator (RCRAGN) lists.

According to the information provided by FirstSearch, the Dreisbach Associates facility was listed as a LUST site for a gasoline release originating from a former on-site UST. The release was reportedly confined to the soil only. Regulatory “Case Closure” status was granted in January 2000. Information pertaining to this release is further discussed in Section 5.2.

The Crosby & Overton, Inc. facility was listed as a RCRAGN and FINDS site for generating small quantities of hazardous materials as part of “other personal and household goods repair and maintenance.” An administrative violation noted in August 2003 was resolved in May 2004.

Puccetti Wood Products was also listed as a FINDS site for being part of the criteria and hazardous air pollutant inventory program.

- **Geo (or George) M. Robinson and Company** – 852 85th Avenue, Oakland
This site is located across 85th Avenue to the south and in the perceived cross-gradient direction of the subject site. This site was identified on the FINDS, Emergency Response Notification System (ERNS), LUST, and RCRAGN lists.

According to the information provided by FirstSearch, this site is listed as a FINDS site for generating large quantities of hazardous materials as part of plumbing, heating, and air-conditioning contractor operations.

According to the regulatory database report, this site was listed for a gasoline release reported in October 1994. Information obtained during the local agency file review revealed that a 450-gallon gasoline tank was removed from this site in October 1990. Elevated levels of gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX) were found in the soil samples. Two groundwater monitoring wells and one piezometer were installed onsite in July 1993. Soil and samples collected from the wells did not contain detectable levels of gasoline or BTEX. Low levels of gasoline and BTE were detected in the groundwater samples. Regulatory "Case Closure" status was granted in July 1994. Based on case closure status, the probability of off-site environmental subsurface impact from this site to the subject site is low.

- **Unknown** – 85th Avenue and Amelia Street, Oakland
This site was plotted approximately 0.06 mile southeast of the subject site, though it is unclear whether it may have been located at the subject site. This site was identified on the ERNS list.

According to the information provided by FirstSearch, this site was listed for dumping of asbestos and miscellaneous toxics on the abandoned property in March 1992. Unspecified clean up was conducted. Based on this information, the probability of environmental subsurface impact from this release is low.

5.2 Local Agency File Review

On February 15, 2008, a Basics representative contacted the California Environmental Protection Agency - Department of Toxic Substance Control (CAL-EPA DTSC) in Berkeley, California for information pertaining to the subject site:

- 8300-8450 Amelia Street, 865 85th Avenue (formerly Highland Avenue), and 8301 through 8435 G Street (formerly Peralta Avenue), Oakland
The subject site.

Information from CAL-EPA DTSC files did not reveal any records regarding the subject site. No information regarding hazardous materials, underground storage tanks or unauthorized releases was available for the subject site.

On February 15, 2008, a Basics representative contacted the Regional Water Quality Control Board (RWQCB) in Oakland, California for information pertaining to the subject site:

- 8300-8450 Amelia Street, 865 85th Avenue (formerly Highland Avenue), and 8301 through 8435 G Street (formerly Peralta Avenue), Oakland
The subject site.

Information from RWQCB files did not reveal any records regarding the subject site. No information regarding hazardous materials, underground storage tanks or unauthorized releases was available for the subject site.

On February 15, 2008, a Basics representative contacted the Alameda County Environmental Health Services Agency (ACEHSA) in Santa Cruz, California for information pertaining to the subject site:

- 8300-8450 Amelia Street, 865 85th Avenue (formerly Highland Avenue), and 8301 through 8435 G Street (formerly Peralta Avenue), Oakland
The subject site.

Information from ACEHSA files revealed that one 6,000-gallon underground storage tank (UST) was removed from the site on April 6 1988 by Crosby & Overton Environmental Services Inc. Two soil samples were collected. The northern sample from approximately 11 feet bgs contained 1,800 parts per million (ppm) gasoline (exceeding the mandatory clean up level at the time) and 13 ppm benzene, 43 ppm toluene, and 79 ppm xylenes. The southern sample contained 14 ppm gasoline and 0.37 ppm benzene, 0.84 toluene, and 2.8 ppm xylenes.

In May 1988, six soil borings were drilled around the former tank in Amelia Street. Soil samples and one grab groundwater sample (#4) were collected. Soil contamination was found down-gradient, within 15 feet of the tank. Up to 590 ppm gasoline and 6.6 benzene, 7.9 ppm toluene, 68 ppm xylene, and 20 ppm ethylbenzene were detected in the ten foot sample from boring E-B-2. No analytical date was provided for the grab groundwater sample from boring #4.

In June 1988, groundwater monitoring well MW1 was installed next to the north end of the tank in the presumed down-gradient direction. The soil boring at the ten feet depth contained 1,100 ppm total petroleum hydrocarbons as gasoline (TPH-g), and 14 ppm, 110 ppm, 360 ppm, and 620 ppm BTEX, respectively. Groundwater was sampled six times between July 1988 and October 1989. Low levels of TPH-g and BTEX were detected.

In August 1988, the area around the north sample was over excavated. There was evidence that the soil was “treated,” possibly aerated, however, its deposition is not clear. The consultant stated that he believed this soil was disposed. The treated soil was

analyzed in two composite samples, #1-4 and #5-8, which contained non-detectable levels of TPH-g and BTEX.

In December 1993, two monitoring wells (MW2 and MW3) were installed at the west side of the subject site, near the curb. MW2 was located down-gradient of MW1 while MW3 was located in the cross-gradient direction. Soil samples from MW3 did not contain detectable levels of TPH-g and BTEX. Soil samples from MW2 showed 1.1 milligrams per kilogram (mg/kg) TPH and 42 mg/kg benzene at five feet bgs and 5.6 mg/kg TPH, 270 micrograms per kilogram ($\mu\text{g}/\text{kg}$) benzene, 20 $\mu\text{g}/\text{kg}$ toluene, 100 $\mu\text{g}/\text{kg}$ ethylbenzene, and 10 $\mu\text{g}/\text{kg}$ total xylenes. Groundwater in MW1 contained 0.2 milligrams per liter (mg/L) TPH-g and 52 micrograms per liter ($\mu\text{g}/\text{L}$) benzene. Groundwater in MW2 contained 8.5 mg/L TPH-g and 2,100 $\mu\text{g}/\text{L}$ benzene, 660 $\mu\text{g}/\text{L}$ toluene, 780 $\mu\text{g}/\text{L}$ ethylbenzene, and 400 $\mu\text{g}/\text{L}$ total xylenes, respectively. Groundwater collected from MW3 was not found to contain reportable concentrations of any of the target analytes. Groundwater monitoring of the site continued.

In February 1996, off-site well MW4 was installed down-gradient to MW1 and MW2 on the Lincoln property (745 Amelia Street), located across Amelia Street. Soil samples collected from the boring contained non-detectable levels of TPH-g and BTEX. MW4 has contained benzene and ethylbenzene once in September 1996. All other monitoring results were non-detect. Monitoring wells MW1 and MW2 contaminant levels have stabilized; supporting the belief that intrinsic bioremediation was occurring. Groundwater monitoring continued until April 1997.

Site closure was recommended because the conditions of a “low risk” soil and groundwater site have been documented: 1) The leak has been stopped. The tank and the highest soil contamination from the site have been removed. 2) The site has been adequately characterized. 3) The dissolved plume has stabilized and was apparently not moving. 4) The site posed no risk to human health under current conditions. The majority of the contamination lies within the groundwater and saturated soils beneath Amelia Street. The closure recommendation indicated that a deed notice should be in place to inform construction or utility workers of potential petroleum contamination when working in Amelia Street near the former UST.

In December 1997, the ACEHSA requested the closure of the four groundwater monitoring wells. The wells were decommissioned in January 1998.

Regulatory “Case Closure” status was granted on January 21, 2000. According to the case closure letter, the following conditions existed onsite: 1) 1,100 ppm TPH-g and 14, 110, 62, 360 ppm BTEX, respectively remain in the soil at the subject site 2) 2,400 parts per billion (ppb) TPH-g and 960, 10, 21, and 33 ppm BTEX, respectively remain in the groundwater at the site. This site should be included in the City’s permit tracking system.

On February 15, 2008, a Basics representative reviewed the following files at the City of Oakland Fire Department- Office of Emergency Services (OFD-OES) in Oakland, California:

- 8300-8450 Amelia Street, 865 85th Avenue (formerly Highland Avenue), and 8301 through 8435 G Street (formerly Peralta Avenue), Oakland
The subject site.

Information from the OFD-OES files revealed similar documentation pertaining to the 6,000-gallon UST removed from the west side of the subject site. The removal of the UST and subsequent sampling events were previously discussed.

In 1993, an inspection was conducted at Crosby & Overton, Inc, a transporter of hazardous materials. Tentative approval was granted to clean out empty vacuum trucks of oil, oily water, diesel, and gasoline. Sampling of the liquid for disposal indicated that the contents contained total oil and grease (41%), diesel (4.89%), and aluminum (6.89%).

In 1995, a facility questionnaire completed for Crosby & Overton, Inc. reported that waste oil, waste anti-freeze, waste oil filters, floor sweep, and oily water was transported by this company.

In May 1987, a violation form indicated that Crosby & Overton, Inc. exceeded allowed manifest periods as a hazardous waste hauler.

In November 1987, Crosby & Overton, Inc. was issued a variance for storage of hazardous waste past the 96 hour requirement for hazardous waste haulers in response to an emergency response team's discovery of twenty 55-gallons of open and closed head drums. The waste was suspected to contain polyester resin compounds. All of the drums were corroded and one was leaking. The drums were put into eighty-five gallon overpack drums which were not lab packed.

In 1989, a complaint was filed regarding improper handling practices and administrative requirements at Crosby & Overton, Inc. Crosby & Overton, Inc. was reportedly storing drums of hazardous materials in excess of allowed 144 hours; was unable to maintain accurate account of waste at their facility and consequently could not identify where the waste came from; did not properly label hazardous materials drums and did not know what some of the drums contained; may be transporting undocumented waste for illegal disposal at their Long Beach facility for incineration; and had trucks loaded with undocumented waste for undocumented transport.

In 1993, a hazardous materials management plan for Crosby & Overton, Inc. indicated that 110 gallons of hazardous materials and 6,000 gallon of hazardous waste were stored onsite.

In 1994, an onsite inspection noted that a dumpster lid was open and should be kept closed at all times; debris was strewn around the side of the building and should be swept periodically; oil dripping and antifreeze dripping was noted in the warehouse and should be cleaned. A site plan depicted hazardous waste storage at the center of Building E (along the eastern wall of the retail area currently utilized by Act Church).

In 1995, an inspection at Crosby & Overton, Inc. conducted by the OFD-OES noted that no interior drains, minimal auto/truck fluids were onsite, and no outside work/maintenance was conducted onsite. Also, a Hazardous Materials Business Plan indicated that 55 gallons of hazardous materials was stored onsite. An inventory noted that ten gallons of antifreeze, 200 gallons of surfactant (sodium alkylbenzenesulfonates), and 20 gallons of motor oil were stored onsite in Building E. A site plan depicted waste storage in Building E, which was labeled as a small garage. Building C was depicted as an office. Empty drums were depicted at the center of Building E.

In 1996, an inspection conducted at Crosby & Overton, Inc. noted that spill control equipment should be maintained.

In 1999, an inspection report indicated one 55-gallon drum of lube oil and one 100-pound plastic drum of calcium hypochlorite were stored onsite. Two times a week flatbeds containing several 55-gallon drums of gasoline/water mixtures were stored at the facility.

In August 2004, the Crosby & Overton, Inc. facility was inspected by the CAL-EPA DTSC. Crosby & Overton, Inc. was alleged to have violated health and safety codes between October 2003 and January 2004 and in June 2004 and January 2005. Crosby & Overton, Inc. allegedly intentionally or negligently made a false statement or representation on approximately 418 manifests by identifying and signing as second transporter and one of the 418 manifests, Crosby & Overton, Inc. signed as second transporter and fourth transporter when Crosby & Overton, Inc. knew it did not have a hazardous waste transporter registration from the CAL-EPA DTSC. 33 of the approximately 418 manifests which listed Crosby & Overton, Inc. as the second transporter came after Crosby & Overton, Inc. signed an agreement with Consolidated Waste Industries, Inc., that authorized Crosby & Overton, Inc. to sign as Consolidated's agent for the purpose of signing hazardous waste manifests and other shipping documents. Crosby & Overton, Inc. was ordered to comply and a penalty was enforced.

On February 15, 2008, a Basics representative reviewed the following files at the City of Oakland Building Department (OBD) in Oakland, California:

- 8300-8450 Amelia Street, 865 85th Avenue (formerly Highland Avenue), and 8301 through 8435 G Street (formerly Peralta Avenue), Oakland
The subject site.

8300 Amelia Street

In 1959, permit was issued for the construction of an addition at the back of an existing building.

8406 Amelia Street

In 1956, a certificate of occupancy was issued to Albrite Manufacturing Company (a plywood factory); and permits were issued for the construction of a concrete building to be utilized as a plywood factory and warehouse, a plywood factory building, and a loading dock.

In 1960, a permit was issued to the Albrite Plywood Company to add shelter at the side of an existing building to protect boilers.

8410 Amelia Street

In 1950, a permit was issued for the construction of a wood building to be utilized as a dry kiln.

In 1954, a permit was issued for the construction of a building to be utilized as a burner.

In 1956, a certificate of occupancy was granted for plywood storage building and an eight-drum sander; a permit was issued for the addition of a car loading ramp to the G Street side of the subject site.

In 1964, a permit was issued to repair fire damage at an existing concrete block building; a certificate of occupancy was issued to the Welsh Panel Company to utilize a warehouse, a paint spray room, and a refinishing room.

In 1974 and 1976, mechanical and plumbing permits were issued to the Corrobilt Container Corporation.

In 1989, a permit was issued to abandon monitoring wells. The monitoring wells were previously discussed above.

In 2002, a permit was issued to build a concrete pit for in feed to a conveyor/baler for recycling.

8406-8418 Amelia Street

In 1950, survey plans were submitted for a proposed burner at the southwestern portion of the subject site, north of an existing residence and garage; a proposed veneer dryer kiln at the west side of the subject; an existing baselite clock lumber storage building at the east side of the subject site; a part of existing building to be removed from an existing frame building near the center of the subject site.

8418 Amelia Street

In 1957, a permit was issued of the addition of partitions of new offices in an existing office and paint storage building.

8450 Amelia Street

In 1952, a permit was issued to remove, relocate, add one room, and remodel the interior of a dwelling moved from 8301 G Street. This dwelling was converted and renovated to a restaurant in 1959 and to a Church (Jerusalem Church of God in Christ/Mount Olive Missionary Baptist Church) in 1962.

8301 G Street

In 1952, a permit was issued to the Albrite Manufacturing Company to move a house to the northwest corner of 85th Avenue and Amelia Street. A survey plan depicted an existing single-story building at the southeast corner of the subject site, a proposed single-story building at the south site of the subject site, and an old corrugated garage to be removed from the southwest side of the subject site.

8405 G Street

In 1950, a building permit was issued to the Albrite Paint and Lumber Company to construct a masonry building for lumber storage; a permit was issued for the construction of a corrugated iron building for plywood storage.

In 1951, a permit was issued to the Albrite Plywood Company for the construction of a veneer dry kiln.

8421 G Street

In 1955, a permit was issued to Albrite Plywood Company build a loading dock with ramp.

8435 G Street

In 1952, permits were issued to Albrite Plywood Company for the construction of a concrete block and wood frame building for plywood storage and an eight drum sander; the construction of a ramp and roof shelter between an existing manufacturing shed and storage room; the addition to a concrete block building; the addition of partitions for men and women's restrooms and locker room.

Numerous other permits were issued for interior improvements at the subject site.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Conclusions

These conclusions are based on the data collected during performance of this ESA and are therefore subject to the time limitations associated with accessing governmental and site data. The purpose of this assessment was to evaluate the likelihood of soil and groundwater degradation resulting from the use, storage, treatment, and/or disposal of hazardous materials/waste on the subject site and sites located within a one-mile radius. Findings are based on a geological and hydrogeological information study, and an evaluation of historical and present property use (Sanborn Fire Insurance Map and City Directory review, regulatory agency database and file review, personal interviews and site reconnaissance study).

Subject Site - The subject site is located in the City of Oakland bordered by Amelia Street to the west, 85th Avenue (formerly Highland Avenue) to the south, and G Street (formerly Peralta Avenue) to the east (See Drawing 1). The subject site consists of three parcels (Assessor's Parcel Numbers 42-4300-8, 42-4300-9, and 42-4301-1-5) of land totaling approximately three and a half acres. The parcel addressed as 8310 Amelia Street is not included in the subject site. The subject site is improved with five industrial buildings (referred to in this report as Buildings A-E). In addition to the five buildings, the subject site consists of a gravel covered storage yard, concrete and asphalt-paved areas, and unpaved areas (See Photos and Drawing 2).

Historical Review – According to the historical resources that were reviewed the subject site was developed with three residential dwellings and an auto garage by 1925. 84th Avenue ran east and west through the subject site.

By 1950, the subject site was developed with the Albrite Paint and Varnish Company, which consisted of an office/warehouse building (Building C) (with a printing area), a paint factory building, a sash and door factory building (Building D), a lumber storage building (between Buildings C and D), three storage buildings, two lumber storage sheds, and a lumber materials yard. A 40-gallon chemical cart was noted onsite. In addition, a residence with garage

and a dwelling were depicted at the southwest corner of the subject site and three residences appeared at the northern portion of the subject site.

By 1952, a dry kiln and plywood warehouse was added to the west side of the subject site; a storage structure was demolished and constructed in another area of the subject site; two storage sheds and a garage were removed from the property; and two dwellings at the north side of the subject site were converted to storage buildings and building material storage yard. 84th Avenue was depicted as “Not Open.” In addition, a dwelling was removed from the northeast (8301 G Street) to the southwest (8450 Amelia Drive) side of the subject site.

By 1959, two buildings at the north side of the subject site were demolished and railroad spurs were constructed along the east side of the subject site and northeast side of the subject (in the location of the former buildings). An auto garage was added to the dwelling at the northwest side of the subject site. Building B was developed at the center of the subject site, replacing the former dry kiln, plywood warehouse, paint factory, and storage sheds. The current loading dock/ramp was added to the east side of the subject site. Building E was developed in its current location as a plywood warehouse. An addition was constructed at the dwelling at the southwest portion of the subject site. A burner was depicted at the west side of the subject site. The residence at the south side of the subject site was demolished. 84th Avenue was no longer depicted through the subject site.

By 1960, the residences at the northwest corner of the subject site were demolished. The residence at the southwestern portion of the subject site was demolished. The residence at the southwestern corner of the subject site was converted to a restaurant. By 1961, this building was converted to a store.

By 1965 and 1968, an addition was constructed at Building D and the subject site was occupied by Weyerhaeuser Company (wood products). The buildings appeared to be utilized for the same purposes. In addition, the chemical cart was no longer depicted at the west side of the subject site but was still noted to be onsite and the burner was no longer depicted onsite.

In 1969, the subject site was occupied by Weyerhaeuser Company and Mount Olive Baptist Church. Also, Corrobilt Container Company moved onsite in 1969. Building C was depicted as a commercial building. Building D was depicted as a manufacturing building.

Buildings B and E appeared as warehouses. The lumber storage building between Building C and D was no longer used to store lumber (the usage of the building was not indicated). In addition, the chemical cart was no longer noted at the subject site and Building C was not yet developed with its current southern addition.

In 1973, the subject site was occupied by Corrobilt Containers and Mount Olive Baptist Church. Mount Olive Baptist Church moved out by 1977 while Corrobilt Containers remained onsite until at least 1982.

In 1987, the subject site was occupied by Center Truck Body, Crosby & Overton Construction, Inc. and Liuita USA, Inc. In 1992, the subject site was occupied by Puccetti Wood Products, Creative Enclosures, and Crosby & Overton Construction, Inc. By 1997, Creative Enclosures moved offsite.

In 2002, the subject site was occupied by Puccetti Wood Products, Crosby & Overton Construction, Inc., Recycling Works, Inc., and Quality Furniture Manufacturing. In 2007, the subject site was occupied by Allied Poly Manufacturing, Inc., D&J International, Inc. and Shred Works.

The subject site is currently occupied Shred Works (8402 Amelia Street), a paper, cloth, and compact disk shredding company; D&J International, Inc. (8410 Amelia Street), a plastic recycler; and Act Church (8430 Amelia Street), a church/thrift store.

Building A - The Building A is currently occupied by Shred Works. Entrances to the building are located at the east and west side of the building, providing access to the warehouse area from the paved parking area and railroad tracks (not in operation), respectively. However, the main entrance to the building is located at the south side of the building, which is adjacent to Building B and is mostly occupied by Shred Works. The building is comprised of a warehouse area, a lunch room, and restroom facility.

The majority of the building is utilized as a warehouse area. Located within the warehouse area are bailed fabric, shredded paper, and compact discs. The lunch room is located at the southwest corner of the building and the restroom facility is located at the south side of the building. Small sink basins were observed within the lunch room and restroom facilities. Visual observations of Building A did not reveal any obvious evidence of hazardous materials, stains or

spills. Visual observations of the concrete floors within the warehouse area did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building B - The majority of Building B is currently occupied by Shred Works while the southwest portion of Building B is currently occupied by D&J International, Inc. Entrances to the each of the units are located at the south side of the building. In addition, the north side of the building provides access to the adjacent Building A, also occupied by Shred Works.

Shred Works- The north and east portions of Building B is occupied by Shred Works and is utilized as a warehouse area. Located within the warehouse area are containers of paper, fabric, and compact discs, a conveyor, a shredder, and a bailer. A small pit is located at the south side of the shredder. Shredded materials are dropped into the pit from the shredder and pushed through the bailer. Visual observations of Building B did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the concrete floors within the warehouse area did not reveal any other obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

D&J International, Inc. - The southwest portion of Building B is occupied by D&J International, Inc. and is comprised of an office area, a warehouse area, and restroom facilities. Located within the warehouse area are boxes of plastic bags for sale, plastic extruder, and bins of plastic materials. An empty office area and restroom facility are located at the north side of the warehouse area occupied by D&J International, Inc. Visual observations of the concrete floors within the warehouse area occupied by D&J International, Inc. did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building C- Building C is currently segregated into three office units, occupied by D&J International, Inc., Shred Works, and Act Church. D&J International, Inc. is located at the north side of the building, Shred Works is located at the center of the building, and Act Church is located at the south side of the building. The main entrances to the office units are located at the north, east, and south sides of the building providing access to D&J International, Inc., Shred Works, and Act Church, respectively. Located within the office units are typical office furnishings, break areas, and restroom facilities. Small sink basins are located within the restroom facilities. Visual observations of Building C did not reveal any obvious evidence of

hazardous materials, stains or spills. Visual observations of the floors within Building C did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building D- Building D is currently occupied by Act Church. Entrances the building are located at the west and northeast sides of the building, providing access to the main part of the building and a storage addition, respectively. Both areas of Building D are utilized by Act Church for storage of home furnishings, clothing items, toys, and other thrift store items. A small dry-type transformer was observed at the south side of the building. Visual observations of the transformer did not reveal any obvious evidence of stains or spills from hazardous materials. Visual observations of Building D revealed spots of paint on the concrete floor, at the south side of the building. The stains appeared to be superficial. Visual observations of the floors within Building D did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Building E- Building E is currently occupied by Act Church. The west side of the building is utilized as a thrift store and is connected to the southern portion of Building C, which is also occupied by Act Church. The east side of Building E is utilized as storage space. Both sides of the building contain home furnishings, clothing items, toys, and miscellaneous thrift store items. Restroom facilities and a changing room are located at the south side of the building. Visual observations of Building E did not reveal any obvious evidence of hazardous materials, stains or spills. Visual observations of the floors within Building E did not reveal any obvious evidence of drains, sumps, cracks or other conduits to the subsurface.

Gravel Covered Storage Yard - The gravel covered storage yard is located at the north side of the subject site and is occupied by Shred Works. The storage yard is enclosed by a chain link fence and is accessible from Amelia Street to the west. Wood pallets, non-functioning buses, and steel beams were observed within the storage yard. Visual observations of the gravel covered storage yard and did not reveal any obvious signs of hazardous materials, stains, or spills other than minor oil stains common to all parking lots.

Paved Areas – Concrete and asphalt paved areas are located west of Building A, south of Building B, south of Buildings C and E, and east of Building E. The paved areas are utilized by Shred Works, D&J International, Inc., and Act Church for storage and parking. Most of the

paved areas are enclosed by chain linked fence. The paved areas are accessible via driveways to the west along Amelia Street.

The paved area west of Building A is utilized by Shred Works as a parking area. Visual observations of the area did not reveal any obvious signs of hazardous materials, stains, or spills other than minor oil stains common to all parking lots.

The paved area south of Building B is shared by Shred Works, D&J International, Inc., and Act Church. A storm drain was observed at the west side of the paved area. One inch pipes were observed at the northwest corner of Building C, to the southwest of this drain (See Photograph 18). The function of the pipes could not be determined. However, the piping appeared to be possibly part of a former vent pipe associated with a former underground storage tank (UST). An overhang is attached to the south side of Building B. Another storm drain is located beneath the overhang. Visual observations of the storm drain did not reveal any obvious evidence of hazardous materials (i.e. odors, floating product, stains, etc.). A small raised concrete foundation (approximately 2 feet by 2 feet) with fastening bolts was observed at the east side of the subject site (See Photograph 13). The function of this small raised concrete foundation could not be determined. However, there is a potential that this is the location of a former fuel dispenser. One 55-gallon drum of unknown material was observed at the east side of the subject site. Oily dirt was observed around the bottom of the drum though most of it appeared to be water from recent rains. As a best management practice, drums containing hazardous materials should be equipped with secondary containment or properly disposed if they are not being used.

The paved area south of Buildings C and E is paved with concrete and asphalt and is utilized by Act Church as a parking area. Visual observations of the associated paved area south of Buildings C and E did not reveal any obvious signs of hazardous materials, stains, or spills other than minor oil stains common to all parking lots.

The paved area to the east of Building E contains a loading dock/ramp. Visual observations of the loading dock/ramp did not reveal any obvious evidence of hazardous materials, stains, or spills.

Unpaved Areas - A small strip of undeveloped area is located along the east side of the subject site. At the time of the site visit, property markers were observed between the subject site and the adjacent railroad tracks. A vent pipe was observed at the east side of the subject, mounted to the east side of Building B (See Photographs 9-12). Such vent pipes are often associated with underground storage tanks (USTs).

A small strip of landscaped area is located at the western portion of the subject site. Visual observations of the landscaped area did not reveal any obvious signs of hazardous materials, stains, or spills. No obvious evidence of other underground storage tanks, distressed vegetation, or other surface impoundments were observed throughout the site during the inspection.

PCB-Containing Materials - Three pole-mounted transformers were observed to the east of Building B. Such units are notable because they may be polychlorinated biphenyl (PCB) sources. PCB units may subject the owner/operator to various requirements. The release of PCB fluids or their combustion products (in the event of a fire) is a potential environmental liability and may require remediation. Observations of the area surrounding the transformers did not reveal any obvious signs of hazardous material stains and/or spills. The transformers appeared to be in fair condition with no labels identifying PCBs. Due to the lack of PCB labels, the probability of PCBs is low.

Asbestos Containing Construction Materials (ACCMs) (non-ASTM E1527 consideration) - An asbestos survey was not conducted at the property as part of this assessment. However, the subject site structures were confirmed to have been constructed before 1979, the year asbestos containing construction materials was banned, thus, asbestos may have been utilized in their construction. No obvious evidence of friable or non-friable suspect asbestos containing materials was observed within easily accessible areas of the structure. However, original building materials not easily accessible including, but not limited to, flooring and mastic materials, sheetrock muds and taping compounds, ceiling and roofing materials, and ducting and surfacing materials may contain ACCMs. To confirm if any asbestos materials are contained within the structures on the subject site, an asbestos survey should be performed by an AHERA trained asbestos professional. If the property building is slated for renovation or demolition, an

asbestos inspection will be required, pursuant to the National Emission Standards for Hazardous Air Pollutant (NESHAPs).

Lead-Based Paint (non-ASTM E1527 consideration) - A Lead-based paint survey was not conducted at the property as a part of this assessment. However, the subject site structures were confirmed to have been constructed before the ban on lead-based paints in 1978, thus, lead-based paints may have been utilized in its construction. Visual observations of the painted surfaces of the subject site structures appeared to be in fair condition with no obvious signs of chipping, cracking, and/or significant health risk concerns.

Lead-based paint is any paint, varnish, stain, or other applied coating that has one milligram per square centimeter (or 5,000 µg/g by dry weight) or more of lead. In Section 1017 of the Housing and Urban Development Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", states that a lead-based paint hazard is "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact lead-based paint on most walls and ceilings would not be considered a "hazard," although the paint should be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard.

Regulatory Agency Review - The results of the database search by FirstSearch revealed 179 mapped listings and seven unmapped listings within a one-mile radius, of which 20 mapped listings were plotted within a one-eighth mile radius of the subject site. Based on distance from the subject property and regional hydrogeology, the following select sites identified by FirstSearch have the highest potential to impact the subject site.

According to the information provided by FirstSearch, *the Dreisbach Associates, Crosby & Overton, Inc., and Puccetti Wood Products, Inc. site (8410 Amelia Street, the subject site)* was identified on the leaking underground storage tank (LUST), Facility Index System (FINDS), and small quantity generator (RCRAGN) lists. According to the information provided by FirstSearch, the Dreisbach Associates facility was listed as a LUST site for a gasoline release originating from a former on-site UST. The release was reportedly confined to the soil only.

Regulatory “Case Closure” status was granted in January 2000. Information pertaining to this release is further discussed in Section 5.2. The Crosby & Overton, Inc. facility was listed as a RCRA and FINDS site for generating small quantities of hazardous materials as part of “other personal and household goods repair and maintenance.” An administrative violation noted in August 2003 was resolved in May 2004. Puccetti Wood Products was also listed as a FINDS site for being part of the criteria and hazardous air pollutant inventory program.

According to the information provided by FirstSearch, *the Geo (or George) M. Robinson and Company site (852 85th Avenue, located across 85th Avenue to the south and in the perceived cross-gradient direction of the subject site)* was identified on the FINDS, Emergency Response Notification System (ERNS), LUST, and RCRA lists. According to the information provided by FirstSearch, this site is listed as a FINDS site for generating large quantities of hazardous materials as part of plumbing, heating, and air-conditioning contractor operations. According to the regulatory database report, this site was listed for a gasoline release reported in October 1994. Information obtained during the local agency file review revealed that a 450-gallon gasoline tank was removed from this site in October 1990. Elevated levels of gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX) were found in the soil samples. Two groundwater monitoring wells and one piezometer were installed onsite in July 1993. Soil and samples collected from the wells did not contain detectable levels of gasoline or BTEX. Low levels of gasoline and BTEX were detected in the groundwater samples. Regulatory “Case Closure” status was granted in July 1994. Based on case closure status, the probability of off-site environmental subsurface impact from this site to the subject site is low.

According to the information provided by FirstSearch, *an Unknown site (85th Avenue and Amelia Street, plotted approximately 0.06 mile southeast of the subject site, though it is unclear whether it may have been located at the subject site)* was identified on the ERNS list. According to the information provided by FirstSearch, this site was listed for dumping of asbestos and miscellaneous toxics on the abandoned property in March 1992. Unspecified clean up was conducted. Based on this information, the probability of environmental subsurface impact from this release is low.

Physical Setting – The subject site is located in the East Bay Plain Area of the San Francisco Bay drainage basin. According to previous on-site subsurface investigations, the subject site is underlain by stiff black plastic clay to an approximate depth of nine feet bgs. This stratum is underlain by olive/greenish gray, stiff plastic clay to approximately 12 feet bgs. Stiff black plastic clay was encountered from 12 feet bgs extending to approximately 15 feet bgs. A six-inch fine to medium-grained sand lens with gravel was encountered at this depth, beneath which another stiff black plastic clay was observed to a depth of 17.5 bgs. The interval between 17.5 and 20 feet bgs included a fine-grained sand, grading to a medium-grained sand (approximately 18.5 feet bgs), which in turn graded into a gravelly sand from approximately 19 feet bgs to the deepest drilled depth (20 feet bgs).

The site is located approximately 1.41 mile east of the San Leandro Bay. Based on a review of the groundwater monitoring data collected from the subject site, groundwater was first encountered at approximately 11 feet bgs within the borings during drilling. Groundwater was noted to rise within the wells subsequent to installation, indicating confined or semi-confined groundwater conditions. Groundwater was calculated to flow to the south-southwest. Hillside runoff, aquifer pumping, tidal fluctuations or other factors may influence groundwater levels. Seasonal variations should also be anticipated.

6.2 Recommendations

6.2.1 Environmental Issues/*De Minimus* Conditions

Based on the latest protocols set forth by ASTM Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527), the new standard identifies that only *de minimus* conditions likely to be subject to government enforcement are to be considered recognized environmental conditions. On the basis of the information compiled and reviewed by Basics, our findings indicate the following *de minimus* conditions:

- According to historical resources reviewed, the subject site was first developed with residences from the 1920s to the early 1960s. One of the residences was later converted to a restaurant in 1960 and a church (1969 to 1977).

The use as residential buildings, a restaurant, and church does not appear to have a high potential for activities indicative to the use, storage and/ or treatment of hazardous materials. No specific information regarding potential hazardous materials was uncovered within the scope of work performed for the subject site during this time frame.

- According to historical resources that were reviewed, the subject site has a history of utilizing a 6,000-gallon UST (from ? to 1988).

Information from ACEHSA and OFD-OES files revealed that one 6,000-gallon underground storage tank (UST) was removed from the west side of the subject site on April 6 1988 by Crosby & Overton Environmental Services Inc. Two soil samples collected during the tank removal contained gasoline and benzene, toluene, ethylbenzene, and xylenes (BTEX). In May 1988, soil samples and one grab groundwater sample (#4) were collected from around the former tank. Gasoline and BTEX was found down-gradient, within 15 feet of the tank.

In June 1988, groundwater monitoring well MW1 was installed. The soil and groundwater samples contained low to elevated levels of gasoline and BTEX. In August 1988, the area around the north sample was over excavated. In December 1993, monitoring wells MW2 and MW3 were installed. Soil samples from MW2 showed detectable levels of petroleum hydrocarbons and BTEX. Soil samples from MW3 did not contain detectable levels of TPH-g and BTEX. Groundwater in MW1 and MW2 contained varying levels of gasoline and BTEX. Groundwater collected from MW3 was not found to contain reportable concentrations of any of the target analytes. In February 1996, off-site well MW4 was installed down-gradient to MW1 and MW2, across Amelia Street (745 Amelia Street). Soil samples collected from the boring contained non-detectable levels of TPH-g and BTEX. All monitoring results were non-detect for gasoline and BTEX, except for one sampling event. Monitoring wells MW1 and MW2 contaminant levels have stabilized; supporting the belief that intrinsic bioremediation was occurring. Groundwater monitoring occurred between July 1988 and April 1997.

Site closure was recommended because the conditions of a “low risk” soil and groundwater site have been documented: 1) The leak has been stopped. The tank and the highest soil contamination from the site have been removed. 2) The site has been adequately characterized. 3) The dissolved plume has stabilized and was apparently not moving. 4) The site posed no risk to human health under current conditions. The majority of the contamination lies within the groundwater and saturated soils beneath Amelia Street. The closure recommendation indicated that a deed notice should be in place to inform construction or utility workers of potential petroleum contamination when working in Amelia Street near the former UST. After receiving approval from the ACEHSA, the wells were decommissioned in January 1998.

Regulatory “Case Closure” status was granted on January 21, 2000. According to the case closure letter, the following conditions existed onsite: 1) 1,100 ppm TPH-g and 14,

110, 62, 360 ppm BTEX, respectively remain in the soil at the subject site 2) 2,400 ppb TPH-g and 960, 10, 21, and 33 ppm BTEX, respectively remain in the groundwater at the site. This site should be included in the City's permit tracking system. If any change in use of the property or development subject site occur which may impact these soils or groundwater, notification must be made to the local agencies.

- Other occupants that have occupied the subject site included Center Truck Body (1987), Puccetti Wood (1992 to 2002), Creative Enclosures (1987), Recycling Works (2002), Quality Wood Furniture (2002), Shred Works (a paper, fabric, and plastic shredding company, 2007), and D& J International, Inc. (formerly Evergreen, 2007).

Puccetti Wood Products was also listed as a FINDS site for being part of the criteria and hazardous air pollutant inventory program. Based on the nature of this listing, the potential for subsurface impact from this listing is low.

During the site visit, one 55-gallon drum of unknown material was observed at the east side of the subject site. Oily dirt was observed around the bottom of the drum though most of it appeared to be water from recent rains. As a best management practice, drums containing hazardous materials should be equipped with secondary containment or properly disposed if they are not being used.

Because ultimately it remains the user who accepts the liability for having entered into a chain of title, it remains important that the user recognize that the "risk tolerance" of a regulatory agency could change, as could be the case if information is later uncovered to suggest that the *de minimus* conditions (i.e., those that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies) are of greater significance than once thought.

Based on the *de minimus* conditions stated above, additional scope of services (i.e. baseline sampling) but not limited to, may or may not disclose information which may significantly reduce the "risk tolerance" in connection with the acquisition of a parcel of commercial real estate.

6.2.2 Recognized Environmental Conditions (RECs)

Based on the information compiled and reviewed by Basics, our findings indicate there are possible environmental concerns onsite and recommend further investigation or documentation of the site conditions. To address the issues pertinent to the subject site, Basics recommends:

- Perform a utility search to further assess the existence or non-existence of a possible former underground storage tank in connection with the suspect tank vent pipe observed at the east side of the subject site. Possible techniques may include magnetrometer, ground penetrating radar, etc.

A vent pipe was observed at the east side of the subject, mounted to the east side of Building B (See Photographs 9-12). Such vent pipes are often associated with USTs. A small raised concrete foundation (approximately 2 feet by 2 feet) with fastening bolts was observed at the east side of the subject site (See Photograph 13). The function of this small raised concrete foundation could not be determined. However, there is a potential that this is the location of a former fuel dispenser. No specific information regarding the use of an underground storage tank was available within the local regulatory agency files reviewed.

If an underground storage tank is identified onsite, a permit to remove the tank is required along with environmental sampling. If an underground storage tank is no longer onsite, environmental sampling within this area to assess potential environmental impacts from past use of an underground storage tank is warranted.

If sampling activities reveal concentrations of petroleum hydrocarbons and/or its constituents above action levels, clean up would be required in accordance with federal, state and local regulations and under the regulatory oversight of the local enforcing regulatory agency.

- Perform baseline subsurface sampling within the warehouse area of the subject site to evaluate potential environmental impacts from past onsite industrial operations.

The subject site was occupied by Albrite Paint and Varnish Company (a paint and varnish factory and plywood and lumber yard) (1950 to 1968), Weyerhaeuser (a wood products facility) (approximately 1965 to 1969), Corrobilt Container (a cardboard box and packaging manufacturer) (1969 to 1982), Crosby & Overton Environmental Services, Inc. (a hazardous materials hauler) (at least the late 1980s to 2002).

The occupancies by Albrite Paint and Varnish Company and Weyerhaeuser appear to have a potential for business activities indicative to the use, storage and/ or treatment of hazardous materials (i.e. paints, varnishes, solvents, etc.). The facility originally consisted of an office/warehouse building (Building C) (with a printing area), a paint factory building, a sash and door factory building (Building D), a lumber storage building (between Buildings C and D), three storage buildings, two lumber storage sheds, and a lumber materials yard. A 40-gallon chemical cart was noted onsite. A dry kiln and plywood warehouse, various storage buildings, and another material storage yard were added later. Building B later replaced the former dry kiln, plywood warehouse, paint factory, and storage sheds. Building E was later constructed as a plywood warehouse.

The occupancy by Crosby & Overton, Inc. appears to have a potential for business activities indicative to the use, storage and/ or treatment of hazardous materials has a history of utilizing hazardous materials. An inventory noted that ten gallons of antifreeze, 200 gallons of surfactant (sodium alkylbenzenesulfonates), and 20 gallons of motor oil were stored onsite in Building E. A facility questionnaire completed for Crosby & Overton, Inc. reported waste oil, waste anti-freeze, waste oil filters, floor sweep, and oily water was transported by this company. In 1999, an inspection reported one 55-gallon drum of lube oil and one 100-pound plastic drum of calcium hypochlorite were stored onsite. Two times a week flatbeds containing several 55-gallon drums of gasoline/water mixtures were stored at the facility. Inspections at Crosby & Overton, Inc. revealed administrative and housekeeping violations including oil dripping and antifreeze dripping in the warehouse (Building E).

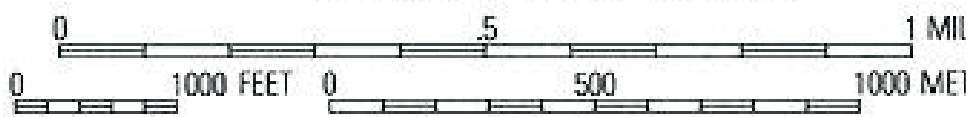
37° 45.000' N

37° 45.000' N



WGS84 122° 11.000' W

VIN
5°



Map created with TOPO!® ©2003 National Geographic (www.nationalgeograp

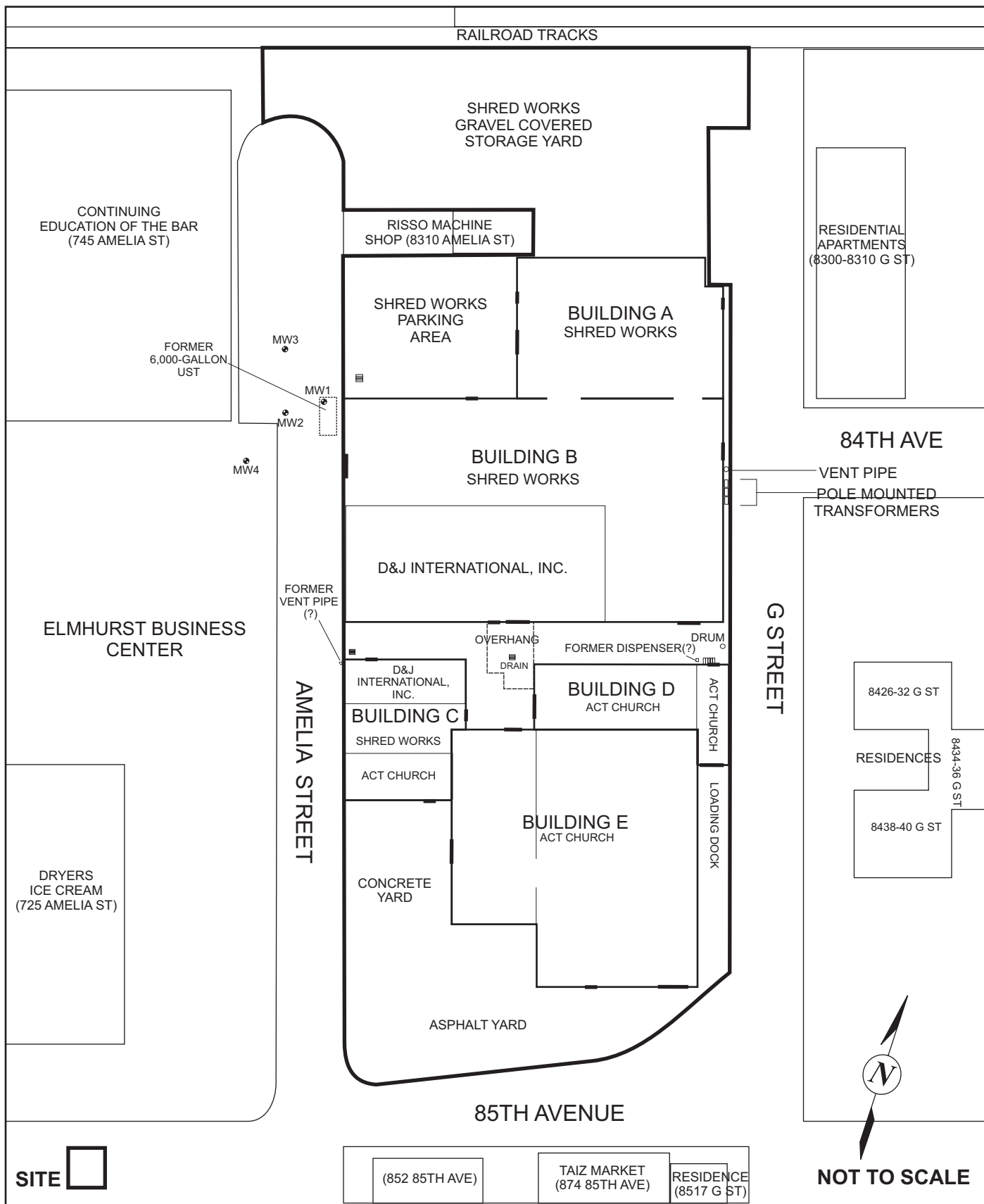
Topographic Map Source: U.S.G.S. San Leandro, CA Quadrangle (1993)

Site Location



Phase I Environmental Site Assessment
 8410 Amelia Street
 Oakland, CA

PROJECT NO.
 08-ENV1134
 DRAWING NO.



Site Plan



Aerial Photograph Source: GoogleEarth



Aerial Photograph (2004)



Phase I Environmental Site Assessment
8410 Amelia Street
Oakland, CA

PROJECT NO.
08-ENV1134
DRAWING NO.



1. Gravel covered area at the north side of the subject site.



2. Buildings A and B at the west side of the subject site.

Site Photographs



3. West and south sides of Building C.



4. West and south sides of Building E.

Site Photographs



5. View of the subject site from Amelia Street and 85th Avenue.



6. East side of Building E.

Site Photographs



7. Loading dock at the east side of Building E, at the southeast side of the subject site.



8. East side of the subject site, with a view of Buildings D, B, and A.

Site Photographs



9. East side of Building B, with a view of transformers and a vent pipe.



10. Vent pipe at the east side of Building B.

Site Photographs



11. View of the top of a vent pipe at the east side of Building B.



12. Bottom of the vent pipe at the east side of Building B.

Site Photographs



13. Possible former dispenser at the east side of the subject site, northeast of Building D.



14. 55-gallon drum of unknown material at the east side of the subject site.

Site Photographs



15. View of Building D from the northwest.



16. View of the subject site from the northeast, with a view of Buildings A and B.

Site Photographs



17. Approximate location of former UST and monitoring well at Amelia Street.



18. Possible former vent at the west side of the subject site, northwest of Building C.

Site Photographs



19. Interior view of Building A.



20. Interior view of Building B.

Site Photographs



20. Interior view of Building B occupied by D & J International, Inc.



21. Covered pit at the southwest portion of Building B.

Site Photographs



22. Interior view of Building D.



23. Interior view of Building E.

Site Photographs

APPENDIX A

FirstSearch Technology Corporation

Environmental FirstSearch™ Report

Target Property:

**8410 AMELIA ST
OAKLAND CA 94621**

Job Number: 08ENV1134

PREPARED FOR:

Basics Environmental
655 12th St, Suite 126
Oakland, CA 94607

02-14-08



Tel: (781) 551-0470

Fax: (781) 551-0471

Environmental FirstSearch Search Summary Report

Target Site: 8410 AMELIA ST
OAKLAND CA 94621

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	12-09-07	1.00	0	0	0	0	0	0	0
NPL Delisted	Y	12-09-07	0.50	0	0	0	0	-	0	0
CERCLIS	Y	12-09-07	0.50	0	0	2	2	-	0	4
NFRAP	Y	12-09-07	0.50	0	0	1	5	-	0	6
RCRA COR ACT	Y	06-06-06	1.00	0	0	0	1	1	0	2
RCRA TSD	Y	06-06-06	0.50	0	0	0	1	-	0	1
RCRA GEN	Y	06-06-06	0.25	0	3	10	-	-	0	13
RCRA NLR	Y	06-06-06	0.12	0	0	-	-	-	0	0
Federal IC / EC	Y	01-18-08	0.50	0	0	0	0	-	0	0
ERNS	Y	12-31-07	0.12	0	4	-	-	-	0	4
Tribal Lands	Y	12-01-05	1.00	0	0	0	0	0	0	0
State/Tribal Sites	Y	08-08-07	1.00	0	0	3	3	12	0	18
State Spills 90	Y	11-06-07	0.12	0	0	-	-	-	0	0
State/Tribal SWL	Y	09-24-07	0.50	0	0	0	1	-	0	1
State/Tribal LUST	Y	10-18-07	0.50	1	3	18	29	-	2	53
State/Tribal UST/AST	Y	01-03-07	0.25	0	2	17	-	-	0	19
State/Tribal EC	Y	NA	0.50	0	0	0	0	-	0	0
State/Tribal IC	Y	04-27-07	0.25	0	0	0	-	-	0	0
State/Tribal VCP	Y	08-15-06	0.50	0	0	0	0	-	0	0
State/Tribal Brownfields	Y	08-08-07	0.50	0	0	0	0	-	0	0
Receptors	Y	01-01-05	0.50	0	0	0	0	-	0	0
NPDES	Y	07-21-07	0.25	0	0	0	-	-	0	0
FINDS	Y	07-10-07	0.25	0	7	38	-	-	1	46
TRIS	Y	09-14-07	0.25	0	0	5	-	-	0	5
HMIRS	Y	02-01-08	0.25	0	0	3	-	-	2	5
NCDB	Y	09-22-06	0.25	0	0	0	-	-	0	0
PADS	Y	12-15-07	0.25	0	0	0	-	-	0	0
AIRS	Y	01-12-08	0.25	0	0	0	-	-	0	0
DOCKET	Y	01-09-06	0.25	0	0	1	-	-	0	1

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to FirstSearch Technology Corp., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in FirstSearch Technology Corp.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although FirstSearch Technology Corp. uses its best efforts to research the actual location of each site, FirstSearch Technology Corp. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of FirstSearch Technology Corp.'s services proceeding are signifying an understanding of FirstSearch Technology Corp.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

- Continued on next page -

Environmental FirstSearch Search Summary Report

Target Site: 8410 AMELIA ST
OAKLAND CA 94621

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
Nuclear Permits	Y	04-30-99	0.50	0	0	0	0	-	0	0
Releases	Y	12-31-07	0.25	0	1	1	-	-	1	3
Federal Other	Y	01-12-08	0.25	0	0	1	-	-	0	1
SETS PRP	Y	11-19-02	0.25	0	0	1	-	-	0	1
State Permits	Y	03-29-07	0.25	0	0	0	-	-	0	0
State Other	Y	08-08-07	0.25	0	0	2	-	-	1	3
- TOTALS -				1	20	103	42	13	7	186

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***Environmental FirstSearch
Site Information Report***

Request Date: 02-14-08
Requestor Name: Sau San
Standard: AAI

Search Type: COORD
Job Number: 08ENV1134
Filtered Report

Target Site: 8410 AMELIA ST
OAKLAND CA 94621

Demographics

Sites: 186	Non-Geocoded: 7	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-122.18688	-122:11:13	Easting:	571635.04
Latitude:	37.748736	37:44:55	Northing:	4178043.483
			Zone:	10

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

<u>ZIP</u>				
<u>Code</u>	<u>City Name</u>	<u>ST</u>	<u>Dist/Dir</u>	<u>Sel</u>
94603	OAKLAND	CA	0.30 SE	Y

	<u>Requested?</u>	<u>Date</u>
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search/Env Liens	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

TOTAL: 186 **GEOCODED:** 179 **NON GEOCODED:** 7 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
1	LUST	DREISBACH ASSOCIATES T0600100463/CASE CLOSED	8410 AMELIA OAKLAND CA 94621	0.00 --	1
2	FINDS	CROSBY AND OVERTON INC CAD982524480	8430 AMELIA ST OAKLAND CA 94621	0.01 SE	2
2	RCRAGN	CROSBY and OVERTON INC CAD982524480/SGN	8430 AMELIA ST OAKLAND CA 94621	0.01 SE	3
3	FINDS	CROSBY and OVERTON INC 110002842103/FRS	8430 AMELIA ST OAKLAND CA 94621	0.04 NE	4
4	FINDS	GEO. M. ROBINSON and CO. 110002871009/FRS	852 85TH AVE OAKLAND CA 94621	0.04 SE	6
5	FINDS	PUCETTI WOOD PRODUCTS, INC 110010486820/FRS	8402 AMELIA STREET OAKLAND CA 94621	0.05 NW	8
6	ERNS	UNKNOWN 262255/FIXED FACILITY	85TH AT AMELIA OAKLAND CA 94621	0.06 SE	9
7	FINDS	GEO M ROBINSON CAD983622705	852 85TH AVE OAKLAND CA 94621	0.06 SE	11
7	LUST	GEORGE M ROBINSON and CO T0600100637/CASE CLOSED	852 85TH OAKLAND CA 94621	0.06 SE	12
7	RCRAGN	GEO. M. ROBINSON and CO. CAD983622705/LGN	852 85TH AVE OAKLAND CA 94621	0.06 SE	13
8	ERNS	UNKNOWN 307767/FIXED FACILITY	85TH AVE AND BLAINE OAKLAND CA 94621	0.08 SW	14
8	ERNS	UNK 16817/UNKNOWN	85TH AVE X BLAINE OAKLAND CA	0.08 SW	15
9	RELEASES	UNKNOWN 307768/FIXED FACILITY	85TH AVE AND BLAINE ST OAKLAND CA 94621	0.08 SW	16
12	FINDS	LONGVIEW FIBRE COMPANY 110001184398/FRS	8511 BLAINE STREET OAKLAND CA 94621	0.09 SW	17
12	FINDS	LONGVIEW FIBRE COMPANY CAD009184433	8511 BLAINE STREET OAKLAND CA 94621	0.09 SW	19
10	LUST	RITCHIE, MARTHA T0600101642/CASE CLOSED	8522 BLAINE OAKLAND CA 94621	0.09 SW	20
11	LUST	LONGVIEW FIBER COMPANY T0600100848/CASE CLOSED	8511 BLAINE OAKLAND CA 94621	0.09 SW	21
11	RCRAGN	LONGVIEW FIBRE COMPANY CAD009184433/SGN	8511 BLAINE STREET OAKLAND CA 94621	0.09 SW	22
10	UST	RITCHIE MACHINING TISID-STATE12004/ACTIVE	8522 BLAINE OAKLAND CA 94621	0.09 SW	23
13	UST	RITCHIE MACHINERY OAKLAND1076	8522 BLAINE ST. OAKLAND CA 94621	0.11 SW	24
14	ERNS	UNKNOWN 266012/UNKNOWN (EPA REGIONS)	86TH AVE AND BLAINE ST OAKLAND CA 94621	0.12 SE	25

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

TOTAL: 186 **GEOCODED:** 179 **NON GEOCODED:** 7 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
16	CERCLIS	AMERICAN CHROME CA0001186154/NOT PROPOSED	932 86TH AVENUE OAKLAND CA 94621	0.14 NE	27
16	FINDS	ABLE METAL PLATING CA0002421725	932_86TH AVE OAKLAND CA 94621	0.14 NE	27
15	FINDS	ABLE METALS PLATING 110000785945/FRS	932 86TH AVENUE OAKLAND CA 94621	0.14 NE	28
15	PRP	AMERICAN CHROME CA0001186154/PRP-CERCLIS	932 86TH AVENUE OAKLAND CA 94621	0.14 NE	30
16	RCRAGN	ABLE METAL PLATING CAR000032466/LGN	932_86TH AVE OAKLAND CA 94621	0.14 NE	31
17	FINDS	AMERICAN CHROME CA0001186154	932 86TH AVE OAKLAND CA 94621	0.14 SE	32
18	FINDS	OWENS-BROCKWAY GLASS CONTAINER INC 110002147276/FRS	8717 G STREET OAKLAND CA 94621	0.15 SE	33
21	FINDS	PORCELAIN PATCH and GLAZE CO INC CAD982020745	966 86TH AVE OAKLAND CA 94621	0.17 SE	35
23	FINDS	BROCKWAY GLASS CO INC PLT 15 CAD004496873	8717 G ST OAKLAND CA 94621	0.17 SE	36
20	LUST	ACKER and GUERRERO ROOF COMPANY T0600100025/CASE CLOSED	923 87TH OAKLAND CA 94621	0.17 SE	37
19	LUST	BROCKWAY INC T0600100228/CASE CLOSED	8717 G OAKLAND CA 94621	0.17 SE	38
19	RCRAGN	O I BROCKWAY GLASS INC CAD004496873/SGN	8717 G ST OAKLAND CA 94621	0.17 SE	39
19	TRIS	OWENS-BROCKWAY GLASS CONTAINER INC 94621WNSBR8717G/OPEN	8717 G ST. OAKLAND CA 94621	0.17 SE	40
23	TRIS	OWENS-BROCKWAY GLASS INC. CAD004496873/OPEN	8717 G ST. OAKLAND CA 94621	0.17 SE	41
19	UST	BROCKWAY, INC. (NY), PLANT 15 TISID-STATE613/INACTIVE	8717 G OAKLAND CA 94621	0.17 SE	41
22	LUST	OLYMPIAN 975 T06019725636/LEAK BEING CONFIRMED	8515 SAN LEANDRO OAKLAND CA 94621	0.17 SW	42
26	FINDS	EXPERIENCE AUTO BODY 110021114391/FRS	973 86TH AVENUE OAKLAND CA 94621	0.18 NE	43
24	FINDS	SAFETY LINE INC CAD981629512	973 86TH AVE OAKLAND CA 94621	0.18 SE	44
27	UST	ALLSTAR TRANSPORT INC TISID-STATE514/INACTIVE	8724 G OAKLAND CA 94621	0.18 SE	45
25	FINDS	HART and SUN BODY SHOP 110010487561/FRS	8511 SAN LEANDRO ST OAKLAND CA 94621	0.18 SW	46

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

TOTAL: 186 **GEOCODED:** 179 **NON GEOCODED:** 7 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
30	CERCLIS	ELMHURST ANODIZING CA0001090547/NOT PROPOSED	910 81ST AVENUE 18 OAKLAND CA 94621	0.19 NW	47
33	FINDS	PEPSI COLA CO. CAD983576653	940 81ST AVE. OAKLAND CA 94621	0.19 NW	47
31	FINDS	ELMHURST ANODIZING CA0001090547	910 81ST AVE STE 18 OAKLAND CA 94621	0.19 NW	48
30	FINDS	ELMHURST ANODIZING 110009329985/FRS	910 81ST AVENUE 18 OAKLAND CA 94621	0.19 NW	49
30	LUST	OLEN LOT T0600101011/CASE CLOSED	910 81ST OAKLAND CA 94621	0.19 NW	50
32	TRIS	PEPSI-COLA CO. 94621PPSCL94081/OPEN	940-81ST AVE. OAKLAND CA 94621	0.19 NW	51
33	TRIS	PEPSI-COLA CO. CAD983576653/OPEN	940-81ST AVE. OAKLAND CA 94621	0.19 NW	53
30	UST	OPEN LOT TISID-STATE812/INACTIVE	910 81ST OAKLAND CA 94621	0.19 NW	53
30	UST	RESIDENCE TISID-STATE43249/ACTIVE	910 81ST OAKLAND CA 94621	0.19 NW	54
29	FINDS	EMERICK SHEET METAL CAD009114208	934 87TH AVE OAKLAND CA 94621	0.19 SE	55
29	FINDS	EMERICK SHEET METAL 110002634999/FRS	934 87TH AVE OAKLAND CA 94621	0.19 SE	56
29	RCRAGN	EMERICK SHEET METAL CAD009114208/SGN	934 87TH AVE OAKLAND CA 94621	0.19 SE	58
28	OTHER	L E MYERS CAL01500102/NO FURTHER ACTION	8261 SAN LEANDRO ST OAKLAND CA 94621	0.19 SW	59
41	FINDS	BAY AREA CRANE HOIST CO INC CAD981375322	873 81ST AVE OAKLAND CA 94621	0.20 NW	60
40	FINDS	EMAC CAD073933327	966 81ST AVE OAKLAND CA 94621	0.20 NW	61
40	LUST	LAURA SCUDDERS T0600102056/CASE CLOSED	966 81ST OAKLAND CA 94621	0.20 NW	62
35	UST	PROJECT VOLUNTEER FOOD BANK OAKLAND904	880 81ST AVE OAKLAND CA 94621	0.20 NW	63
37	FINDS	SCIENTIFIC PLATERS OF N CA INC 110000784633/FRS	963 EIGHTY SEVENTH AVE OAKLAND CA 94621	0.20 SE	64
39	FINDS	SCIENTIFIC PLATERS OF N CA INC CAD981990765	963 87TH AVE OAKLAND CA 94621	0.20 SE	66
36	FINDS	PICK-N-PULL/OAKLAND 70 110017947490/FRS	8451 SAN LEANDRO ST OAKLAND CA 94621	0.20 SW	67

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
34	FINDS	CHIPMAN CORP MAINT DEPT CAD982000440	8451 SAN LEANDRO ST OAKLAND CA 94621	0.20 SW	68
34	FINDS	HART and SON BODY SHOP CA0001473909	8451 SAN LEANDRO ST OAKLAND CA 94621	0.20 SW	69
34	LUST	AandB AUTO COMPANY T0600100008/CASE CLOSED	8451 SAN LEANDRO OAKLAND CA 94621	0.20 SW	70
38	OTHER	DUTCH BOY CAL01290025/REFER: OTHER AGENCY	8255 SAN LEANDRO STREET OAKLAND CA 94603	0.20 SW	71
36	UST	A and B AUTO TISID-STATE11900/ACTIVE	8451 SAN LEANDRO OAKLAND CA 94621	0.20 SW	72
36	UST	OAKLAND YARD AST1858/AST SWRCB REG.2	8451 SAN LEANDRO ST OAKLAND CA 94621	0.20 SW	73
45	RELEASES	UNKNOWN 342502/HIGHWAY RELATED	84TH AVE and E ST OAKLAND CA 94621	0.21 NE	74
47	LUST	ALITA BRAND / MALACHI HALL T0600192728/CASE CLOSED	968-976 81ST OAKLAND CA 94621	0.21 NW	75
42	LUST	RW THAYER FOOD PRODUCTS T0600102008/CASE CLOSED	962 87TH OAKLAND CA 94621	0.21 SE	76
42	UST	FOOD PRODUCTS, INC. TISID-STATE12130/ACTIVE	962 87TH OAKLAND CA 94621	0.21 SE	77
42	UST	R W THAYER FOOD PRODUCTS INC TISID-STATE11726/ACTIVE	962 87TH OAKLAND CA 94621	0.21 SE	78
44	FINDS	CONCEPCION MEZA CA0001190768	8515 SAN LEANDRO ST STE B OAKLAND CA 94621	0.21 SW	79
44	FINDS	CONCEPCION MEZA 110002906302/FRS	8515 SAN LEANDRO ST STE B OAKLAND CA 94621	0.21 SW	80
43	HMIRS	ROADWAY PACKAGE SYSTEM INC 1997090459/HIGHWAY (FOR HIRE)	782 85TH ST OAKLAND CA	0.21 SW	82
44	RCRAGN	CONCEPCION MEZA CAR000003137/SGN	8515 SAN LEANDRO ST STE B OAKLAND CA 94621	0.21 SW	85
46	UST	OLYMPIAN OIL COMPANY OAKLAND888	8515 SAN LEANDRO ST OAKLAND CA 94621	0.21 SW	86
49	FINDS	LandE CUSTOM MACHING INC CAD981968274	8630 E ST OAKLAND CA 94621	0.22 NE	87
49	RCRAGN	LandE CUSTOM MACHING INC CAD981968274/SGN	8630 E ST OAKLAND CA 94621	0.22 NE	88
51	FEDOTHER	ONDEO NALCO CO (INACTIVE 3-12 001706CA002	860 81ST AVE OAKLAND CA 94621	0.22 NW	89
48	FINDS	SUNSHINE BISCUITS INC CAD020027520	851 81ST AVE OAKLAND CA 94621	0.22 NW	91

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

TOTAL: 186 **GEOCODED:** 179 **NON GEOCODED:** 7 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
50	FINDS	PEPSI-COLA COMPANY 110001145555/FRS	940 81ST AVE OAKLAND CA 94621	0.22 NW	92
56	LUST	MACARTHUR LTD PROPERTY T06019780546/POLLUTION CHARACTERI	900-910 81ST OAKLAND CA 94621	0.22 NW	94
54	LUST	ABC TRADING CO / WHITE ELEPHANT SA T0600101530/CASE CLOSED	860 81ST OAKLAND CA 94621	0.22 NW	95
54	LUST	SAMURA PROPERTY 01-1287/CASE CLOSED	860 81ST AVE OAKLAND CA 94621	0.22 NW	96
51	RCRAGN	ASHLAND SPECIALTY CHEMICAL COMPANY CAL000214344/LGN	860 81ST ST OAKLAND CA 94614	0.22 NW	97
54	RCRAGN	ALAMEDA CHEMICAL AND SCIENTIFIC/HT CAR000088039/LGN	860-81ST AVENUE OAKLAND CA 94621	0.22 NW	98
54	RCRAGN	ARCH CHEMICALS INC CAR000031161/LGN	860 81ST AVE STE B OAKLAND CA 94621	0.22 NW	100
54	TRIS	HIGH TECHNOLOGY PACKAGING OAKLAND 94621HGHTC86081/OPEN	860-81ST AVE OAKLAND CA 94621	0.22 NW	101
53	FINDS	LE MYERS CAD982358848	8261 SAN LEANDRO ST OAKLAND CA 94621	0.22 SW	102
57	HMIRS	ROADWAY PACKAGE SYSTEM INC 1997060381/HIGHWAY (FOR HIRE)	785 85TH AVE OAKLAND CA	0.22 SW	103
57	HMIRS	ROADWAY PACKAGE SYSTEM INC 1997080118/HIGHWAY (FOR HIRE)	785 85TH AVE OAKLAND CA	0.22 SW	106
55	NFRAP	L E MYERS CAD982358848/NFRAP-N	8261 SAN LEANDRO ST OAKLAND CA 94621	0.22 SW	109
52	RCRAGN	REICHHOLD INC CAP000043976/SGN	8707 SAN LEANDRO SITE A OAKLAND CA 94621	0.22 SW	109
55	STATE	L E MYERS CAL01500102/NO FURTHER ACTION FO	8261 SAN LEANDRO STREET OAKLAND CA 94621	0.22 SW	110
58	FINDS	LandE CUSTOM MACHING INC 110002759159/FRS	8630 E ST OAKLAND CA 94621	0.23 NE	112
64	STATE	WOODLAND ELEMENTARY SCHOOL CAL01820001/NO FURTHER ACTION FO	919/1001/1025 81ST AVENUE OAKLAND CA 94621	0.23 NE	114
60	FINDS	WOODLAND ELEMENTARY 110021997099/FRS	1025 81ST AVE. OAKLAND CA 94621	0.23 NW	116
61	LUST	SUNSHINE BISCUITS T0600101330/CASE CLOSED	851 81ST OAKLAND CA 94612	0.23 NW	117
61	UST	SUNSHINE BISCUITS INC TISID-STATE877/INACTIVE	851 81ST OAKLAND CA 94612	0.23 NW	118
63	LUST	FORD WHOLESALE T0600100601/CASE CLOSED	8907 RAILROAD OAKLAND CA 94621	0.23 SW	119

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
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JOB: 08ENV1134

TOTAL: 186 **GEOCODED:** 179 **NON GEOCODED:** 7 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
59	LUST	SF OAKLAND AUTO TRUCK T0600101487/REMEDIAL ACTION	8255 SAN LEANDRO OAKLAND CA 94621	0.23 SW	120
62	LUST	MONTEREY MECHANICAL COMPANY T0600100934/CASE CLOSED	8275 SAN LEANDRO OAKLAND CA 94621	0.23 SW	121
59	STATE	DUTCH BOY CAL01290025/PROPERTY/SITE REFERR	8255 SAN LEANDRO STREET OAKLAND CA 94603	0.23 SW	122
62	UST	MONTEREY MECHANICAL CO. OAKLAND870	8275 SAN LEANDRO ST OAKLAND CA 94621	0.23 SW	124
62	UST	MONTEREY MECHANICAL CO. TISID-STATE11651/ACTIVE	8275 SAN LENADRO OAKLAND CA 94621	0.23 SW	124
59	UST	S F OAKLAND AUTO TOUCH TISID-STATE11740/ACTIVE	8255 SAN LEANDRO OAKLAND CA	0.23 SW	125
63	UST	FORD WHOLESALE CO. INC TISID-STATE631/INACTIVE	8907 RAILROAD OAKLAND CA 94621	0.23 SW	126
59	UST	UNION 76 TRUCK STOP OAKLAND950	8255 SAN LEANDRO ST OAKLAND CA 94621	0.23 SW	127
66	LUST	D MERLINO and SONS T06019735260/LEAK BEING CONFIRMED	989 81ST OAKLAND CA 94621	0.24 NW	128
65	FINDS	EAGLE MACHINERY CO 110002711094/FRS	948 88TH AVE OAKLAND CA 94621	0.24 SE	129
65	FINDS	EAGLE MACHINERY CO CAD981449903	948 88TH AVE OAKLAND CA 94621	0.24 SE	131
65	RCRAGN	EAGLE MACHINERY CO CAD981449903/SGN	948 88TH AVE OAKLAND CA 94621	0.24 SE	132
67	DOCKET	NALCO COMPANY 09-2004-0268/ICIS	860 81ST AVENUE OAKLAND CA 94621	0.25 NW	133
67	FINDS	ASHLAND SPECIALTY CHEMICAL COMPANY 110021010163/FRS	860 81ST ST OAKLAND CA 94614	0.25 NW	134
67	FINDS	ARCH CHEMICALS INC 110014948806/FRS	860 81ST AVE STE B OAKLAND CA 94621	0.25 NW	136
67	FINDS	NALCO COMPANY 110018928954/FRS	860 81ST AVENUE OAKLAND CA 94621	0.25 NW	138
70	FINDS	MOTHERS CAKE and COOKIE CO CAD009130659	810 81ST AVE OAKLAND CA 94621	0.25 NW	140
67	FINDS	MACDERMID INC ALAMEDA 110017868761/FRS	860 81ST AVE OAKLAND CA 94621	0.25 NW	141
67	FINDS	APPLIED MATERIALS INC 110017869207/FRS	860 81ST AVE OAKLAND CA 94621	0.25 NW	143
67	FINDS	HIGH TECH. PACKAGING 110008062032/FRS	860-81ST AVE. OAKLAND CA 94621	0.25 NW	145

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
69	LUST	SF OAKLAND AUTO TRUCK PLAZA T06019755143/CASE CLOSED	8255 SAN LEANDRO OAKLAND CA 94621	0.25 NW	147
68	LUST	WandR WALTON T0600101985/CASE CLOSED	8707 SAN LEANDRO OAKLAND CA 94621	0.25 SW	148
68	UST	WALTON DISTRIBUTION SERVICES TISID-STATE708/INACTIVE	8707 SAN LEANDRO OAKLAND CA 94621	0.25 SW	149
71	LUST	STORAGE PRO T06019734184/CASE CLOSED	8855 SAN LEANDRO OAKLAND CA 94621	0.26 SE	150
72	LUST	MOTHER S COOKIES T0600100943/CASE CLOSED	810 81ST OAKLAND CA 94621	0.27 NW	151
74	SWL	RECYCLE AMERICA OF NORTHERN CALIFO SWIS01-AA-0269/CLOSED	800 77TH AVENUE OAKLAND CA 94621	0.28 NW	152
73	LUST	LANAIDOR T0600100812/CASE CLOSED	925 89TH OAKLAND CA 94621	0.28 SE	153
76	CERCLIS	K and L PLATING - 89TH AVENUE CA0001905496/NOT PROPOSED	989 89TH AVENUE OAKLAND CA 94621	0.30 SE	154
75	LUST	LOCKUP SELF STORAGE T0600100846/CASE CLOSED	8855 SAN LEANDRO OAKLAND CA 94621	0.30 SE	155
76	RCRA	K AND L PLATING FORMER OPERATION CAD009183948/TSD	989 89TH AVE OAKLAND CA 94621	0.30 SE	156
76	RCRACOR	K AND L PLATING FORMER OPERATION CAD009183948/CA	989 89TH AVE OAKLAND CA 94621	0.30 SE	159
76	STATE	K and L PLATING - 89TH AVE CAL01330048/ANNUAL WORKPLAN - AC	981/989/995 89TH AVENUE OAKLAND CA 94603	0.30 SE	162
77	LUST	FIESTA BEVERAGE T0600101573/POLLUTION CHARACTERI	966 89TH OAKLAND CA 94621	0.31 SE	165
78	NFRAP	CONTINENTAL PLATING CO INC CAD009183948/NFRAP-N	995 89TH AVE OAKLAND CA 94621	0.31 SE	166
79	LUST	MANUEL RODRIGUES SEWER T0600101154/CASE CLOSED	1009 89TH OAKLAND CA 94621	0.32 SE	167
80	LUST	CHIP STEAK COMPANY T0600100360/CASE CLOSED	958 77TH OAKLAND CA 94621	0.35 NW	168
81	LUST	RandA TRUCKING T0600101122/CASE CLOSED	865 77TH OAKLAND CA 94621	0.38 NW	169
84	LUST	AMERICAN BRASS and IRON FOUNDRY T0600100065/REMEDICATION PLAN	7825 SAN LEANDRO OAKLAND CA 94621	0.38 NW	170
83	LUST	ALAMEDA CHEMICAL and SCIENTIFIC T0600100036/CASE CLOSED	9029 SAN LEANDRO OAKLAND CA 94603	0.38 SE	171
82	LUST	LIDELL IRON CRAFT 01-0906/LEAK BEING CONFIRMED	1000 90TH AVE OAKLAND CA 94603	0.38 SE	172

Environmental FirstSearch Sites Summary Report

Target Property: 8410 AMELIA ST
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JOB: 08ENV1134

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
85	LUST	THANH S AUTOBODY REPAIR T0600164939/LEAK BEING CONFIRMED	901 77TH OAKLAND CA 94621	0.39 NW	173
86	LUST	ACTS COMMUNITY DEVELOPMENT SL0600129548/POLLUTION CHARACTERI	1001 77TH OAKLAND CA 94621	0.40 NW	174
87	NFRAP	J and M AUTO BODY SHOP CASFN0905439/NFRAP-N	912 - 76TH AVENUE OAKLAND CA 94621	0.40 NW	175
89	LUST	WESTERN EXTERMINATOR T0600101538/CASE CLOSED	901 76TH OAKLAND CA 94621	0.41 NW	176
88	LUST	COUNTY RECYCLING SERVICE T0600100419/CASE CLOSED	800 77TH OAKLAND CA 94621	0.41 NW	177
90	LUST	AMERICAN TRACTOR T0600100072/CASE CLOSED	9131 SAN LEANDRO OAKLAND CA 94603	0.41 SE	178
91	LUST	PACO PUMPS T0600101013/CASE CLOSED	845 92ND OAKLAND CA 94603	0.42 SE	179
91	LUST	PACO PUMP INC T0600191541/CASE CLOSED	845 92ND AVE OAKLAND CA 94603	0.42 SE	180
93	LUST	CALIFORNIA REFRIGERATED T0600102010/CASE CLOSED	860 92ND OAKLAND CA 94603	0.42 SE	181
92	LUST	DWYER CONSTRUCTIONS T0600100478/CASE CLOSED	8401 BALDWIN OAKLAND CA 94621	0.42 SW	182
96	LUST	UNION PACIFIC RAILROAD 01-1125/LEAK BEING CONFIRMED	UNKNOWN 92ND and SAN LEANDR OAKLAND CA 94603	0.43 SE	183
94	CERCLIS	AAD OAKLAND CAN000905689/NOT PROPOSED	8460 BALDWIN AVE. OAKLAND CA	0.43 SW	184
95	LUST	MORRIS TRANSPORTATION INC T0600100941/CASE CLOSED	8304 BALDWIN OAKLAND CA 94621	0.43 SW	185
97	STATE	J3M AUTO BODY SHOP CAL01750033/PRELIMINARY ENDANGER	912 76TH AVENUE OAKLAND CA 94621	0.44 NW	186
100	LUST	CHEVRON TRAINING CENTER 01-1807/LEAK BEING CONFIRMED	3616 SAN LEANDRO ST OAKLAND CA 94621	0.45 NW	188
98	LUST	PACO PUMPS INC T0600101592/POST REMEDIAL ACTION	9201 SAN LEANDRO OAKLAND CA 94603	0.45 SE	189
99	LUST	SOCIETY OF ST VINCENT DE PAUL T0600101974/CASE CLOSED	9235 SAN LEANDRO OAKLAND CA 94603	0.45 SE	190
98	NFRAP	PACIFIC PUMPING CO MFG SITE CAD088772629/NFRAP-N	9201 SAN LEANDRO ST OAKLAND CA 94603	0.45 SE	191
99	NFRAP	SOCIETY OF ST. VINCENT DE PAUL CA0000588772/NFRAP-N	9235 SAN LEANDRO ST. OAKLAND CA 94603	0.45 SE	192
101	STATE	RAN-ROB TOOL AND DIE CAL01350120/PROPERTY/SITE REFERR	631 85TH AVENUE OAKLAND CA 94621	0.46 SW	193

Environmental FirstSearch Sites Summary Report

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Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
102	NFRAP	RAN-ROB INC CAD009176058/NFRAP-N	631 85TH AVE OAKLAND CA 94621	0.47 SW	195
104	LUST	OMEGA TERMITE T0600102118/POLLUTION CHARACTERI	807 75TH OAKLAND CA 94621	0.49 NW	196
105	LUST	OAKLAND INTL TRADE CENTER T0600100990/POLLUTION CHARACTERI	625 HEGENBERGER OAKLAND CA 94621	0.49 NW	197
103	LUST	MOOSE LODGE 324 T0600102239/POLLUTION CHARACTERI	690 HEGENBERGER OAKLAND CA 94621	0.49 NW	198
106	LUST	QUIKRETE OF NORTHERN CALIFORNIA T0600101121/CASE CLOSED	9315 SAN LEANDRO OAKLAND CA 94603	0.50 SE	199
107	STATE	ELMHURST PROJECT SITE CAL01990024/VOLUNTARY CLEANUP PR	ELMHURST ST./92ND AVE./F ST OAKLAND CA 94603	0.57 SE	200
108	STATE	A/C BODY SHOP CAL01750032/PRELIMINARY ENDANGER	902 72ND AVENUE OAKLAND CA 94621	0.63 NW	201
110	RCRACOR	ALLIED SIGNAL INC AND PUREX INDUST CAD009154469/CA	710 73RD AVE OAKLAND CA 94621	0.64 NW	202
110	STATE	AERO QUALITY PLATING CAL01340108/VOLUNTARY CLEANUP PR	710 73RD AVENUE OAKLAND CA 94621	0.64 NW	204
109	STATE	UNION PACIFIC OAKLAND COLISEUM SIT CAL01400015/ANNUAL WORKPLAN - AC	700 73RD AVENUE OAKLAND CA 94621	0.64 NW	207
111	STATE	MARY SIMS PROPERTY CAL01750015/PROPERTY/SITE REFERR	1091 71ST AVENUE OAKLAND CA 94621	0.69 NW	210
112	STATE	STANDARD IRON AND METALS COMPANY CAL01890020/NO FURTHER ACTION FO	801 69TH AVENUE OAKLAND CA 94621	0.76 NW	212
113	STATE	COLISEUM GARDENS CAL01990030/VOLUNTARY CLEANUP PR	801 69TH AVENUE OAKLAND CA 94521	0.78 NW	214
114	STATE	GHIORISO BROTHERS CAL01750023/PRELIMINARY ENDANGER	801 100TH AVENUE OAKLAND CA 94603	0.92 SE	215
115	STATE	ASPIRE SCHOOL SITE/66TH AVENUE CHR CAL01390008/VOLUNTARY CLEANUP PR	1009 66TH AVENUE OAKLAND CA 94610	0.94 NW	216
116	STATE	MORTENSEN S CARPET INC. CAL01220001/NO FURTHER ACTION FO	10115 SAN LEANDRO STREET OAKLAND CA 94603	0.96 SE	218
117	STATE	HC B INVESTMENTS CAL01470005/PROPERTY/SITE REFERR	739 DOUGLAS OAKLAND CA 94603	0.98 SE	219
118	STATE	GARNER HEAT TREAT INC. CAL01340119/PROPERTY/SITE REFERR	10001 DENNY STREET OAKLAND CA 94613	0.98 SE	220

***Environmental FirstSearch
Sites Summary Report***

Target Property: 8410 AMELIA ST
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JOB: 08ENV1134

TOTAL: 186 **GEOCODED:** 179 **NON GEOCODED:** 7 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
	FINDS	TENSION ENVELOPE COMPANY 110013833637/FRS	610 85TH AVENUE OAKLAND CA 94621	NON GC	221
	HMIRS	ROADWAY PACKAGE SYSTEM INC 1996090894/HIGHWAY (FOR HIRE)	285 85TH AVENUE OAKLAND CA	NON GC	222
	HMIRS	ROADWAY PACKAGE SYSTEM INC 1993120331/HIGHWAY (FOR HIRE)	725 SAN LEANDRO AVE OAKLAND CA	NON GC	225
	LUST	OAKLAND ARMY BASE TANK 2A T0600192092/CASE CLOSED	ALASKA STREET, EAST SIDE OF OAKLAND CA 0	NON GC	228
	LUST	OAKLAND FISC UST SITE 211-1,2,3 T0600192076/CASE CLOSED	300 3RD STREET NEAR CORNER OAKLAND CA 0	NON GC	229
	OTHER	WOODLAND ELEMENTARY SCHOOL CAL01820001/NO FURTHER ACTION	919/1001-1025 81ST AVENUE OAKLAND CA 94621	NON GC	230
	RELEASES	CIRQUE DU SOLEIL 537837/FIXED FACILITY	PORT OF OAKLAND 75 ALICE ST OAKLAND CA	NON GC	231

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

ERNS

SEARCH ID: 27	DIST/DIR: 0.08 SW	MAP ID: 8
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NAME: UNK	REV:
ADDRESS: 85TH AVE X BLAINE	ID1: 16817
OAKLAND CA	ID2:
ALAMEDA	STATUS: UNKNOWN
CONTACT:	PHONE:

THERE ARE NO DETAILS AVAILABLE FOR THIS SITE

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 115

DIST/DIR: 0.11 SW

MAP ID: 13

NAME: RITCHIE MACHINERY
ADDRESS: 8522 BLAINE ST.
OAKLAND CA 94621
ALAMEDA

REV: 06/01/2000
ID1: OAKLAND1076
ID2:
STATUS:
PHONE:

CONTACT:

CITY OF OAKLAND UST LIST INFORMATION

Site_status: 1
Permitted:
No Of Tanks: 1

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

TRIS

SEARCH ID: 80	DIST/DIR: 0.19 NW	MAP ID: 32
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NAME: PEPSI-COLA CO. ADDRESS: 940-81ST AVE. OAKLAND CA 94621 ALAMEDA CONTACT: CECILIA MCKENNEY	REV: 11/1/07 ID1: 94621PPSCL94081 ID2: STATUS: OPEN PHONE: 5104162500
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OFF SITE TREATMENT LOCATION

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 50	DIST/DIR: 0.19 SE	MAP ID: 29
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NAME: EMERICK SHEET METAL
ADDRESS: 934 87TH AVE
OAKLAND CA 94621
ALAMEDA

REV: 7/10/07
ID1: 110002634999
ID2: CAD009114208
STATUS: FRS
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

RCRAGN

SEARCH ID: 21

DIST/DIR: 0.19 SE

MAP ID: 29

NAME: EMERICK SHEET METAL
ADDRESS: 934 87TH AVE
OAKLAND CA 94621
ALAMEDA

REV: 6/6/06
ID1: CAD009114208
ID2:
STATUS: SGN
PHONE:

CONTACT:

SITE INFORMATION

UNIVERSE INFORMATION:

NAIC INFORMATION

332322 - SHEET METAL WORK MANUFACTURING

ENFORCEMENT INFORMATION:

VIOLATION INFORMATION:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 37	DIST/DIR: 0.20 NW	MAP ID: 41
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NAME: BAY AREA CRANE HOIST CO INC
ADDRESS: 873 81ST AVE
OAKLAND CA 94621
ALAMEDA

REV:
ID1: CAD981375322
ID2:
STATUS:
PHONE:

CONTACT:

RCRIS : CAD981375322
PCS :
AFS/AIRS :
SSTS :
CERCLIS :
NCDB :
ENF DOCKET :
CONTR LIST :
CRIM DOCKET :
FFIS :
CICIS :
STATE :
PADS :
TRIS :
DandB :
UNKNOWN :

Environmental FirstSearch
Site Detail Report

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 112

DIST/DIR: 0.20 NW

MAP ID: 35

NAME: PROJECT VOLUNTEER FOOD BANK
ADDRESS: 880 81ST AVE
OAKLAND CA 94621
ALAMEDA

REV: 06/01/2000
ID1: OAKLAND904
ID2:
STATUS:
PHONE:

CONTACT:

CITY OF OAKLAND UST LIST INFORMATION

Site_status: 1
Permitted:
No Of Tanks: 0

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 109

DIST/DIR: 0.20 SW

MAP ID: 36

NAME: OAKLAND YARD
ADDRESS: 8451 SAN LEANDRO ST
OAKLAND CA 94621
ALAMEDA

REV: 05/30/01
ID1: AST1858
ID2:
STATUS: AST SWRCB REG.2
PHONE:

CONTACT:

Region: 2
Company Name: PICK-N-PULL AUTO DISMANTLERS
Company Name 2:

**Environmental FirstSearch
Site Detail Report**

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 113	DIST/DIR: 0.21 SE	MAP ID: 42
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NAME: R W THAYER FOOD PRODUCTS INC	REV: 01/01/94
ADDRESS: 962 87TH OAKLAND CA 94621 Alameda	ID1: TISID-STATE11726
CONTACT:	ID2:
	STATUS: ACTIVE
	PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 41	DIST/DIR: 0.21 SW	MAP ID: 44
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NAME: CONCEPCION MEZA
ADDRESS: 8515 SAN LEANDRO ST STE B
OAKLAND CA 94621
ALAMEDA

REV: 7/10/07
ID1: 110002906302
ID2: CAR000003137
STATUS: FRS
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

RCRAGN

SEARCH ID: 15	DIST/DIR: 0.22 NW	MAP ID: 54
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NAME: ALAMEDA CHEMICAL AND SCIENTIFIC/HTP	REV: 6/6/06
ADDRESS: 860-81ST AVENUE	ID1: CAR000088039
OAKLAND CA 94621	ID2:
ALAMEDA	STATUS: LGN
CONTACT: FRANK S PIDGEON	PHONE: 4807854685 216

Benzene (I,T)

The following spent halogenated solvents: Tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 58	DIST/DIR: 0.23 NE	MAP ID: 58
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NAME: LandE CUSTOM MACHING INC
ADDRESS: 8630 E ST
OAKLAND CA 94621
ALAMEDA

REV: 7/10/07
ID1: 110002759159
ID2: CAD981968274
STATUS: FRS
PHONE:

CONTACT:

**Environmental FirstSearch
Site Detail Report**

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 118	DIST/DIR: 0.23 NW	MAP ID: 61
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NAME: SUNSHINE BISCUITS INC	REV: 01/01/94
ADDRESS: 851 81ST OAKLAND CA 94612 Alameda	ID1: TISID-STATE877
CONTACT:	ID2:
	STATUS: INACTIVE
	PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

**Environmental FirstSearch
Site Detail Report**

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 106	DIST/DIR: 0.23 SW	MAP ID: 63
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NAME: FORD WHOLESALE CO. INC	REV: 01/01/94
ADDRESS: 8907 RAILROAD	ID1: TISID-STATE631
OAKLAND CA 94621	ID2:
Alameda	STATUS: INACTIVE
CONTACT:	PHONE:

UST HISTORICAL DATA

This site was listed in the FIDS Zip Code List as a UST site. The Office of Hazardous Data Management produced the FIDS list. The FIDS list is an index of names and locations of sites recorded in various California State environmental agency databases. It is sorted by zip code and as an index, details regarding the sites were never included.

The UST information included in FIDS as provided by the Office of Hazardous Data Management was originally collected from the SWEEPS database. The SWEEPS database recorded Underground Storage Tanks and was maintained by the State Water Resources Control Board (SWRCB). That agency no longer maintains the SWEEPS database and last updated it in 1994. The last release of that 1994 database was in 1997.

Oversight of Underground Storage Tanks within California is now conducted by Certified Unified Program Agencies referred to as CUPA s. There are approximately 102 CUPA s and Local Oversight Programs (LOP s) in the State of California. Most are city or county government agencies. As of 1998, all sites or facilities with underground storage tanks were required by Federal mandate to obtain certification by designated UST oversight agencies (in this case, CUPA s) that the UST/s at their location were upgraded or removed in adherence with the 1998 RCRA standards.

Information from the FIDS/SWEEPS lists were included in this report search to help identify where underground storage tanks may have existed that were not recorded in CUPA databases or lists collected by Track Info Services. This may occur if a tank was removed prior to development of recent CUPA UST lists or never registered with a CUPA.

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

UST

SEARCH ID: 119

DIST/DIR: 0.23 SW

MAP ID: 59

NAME: UNION 76 TRUCK STOP
ADDRESS: 8255 SAN LEANDRO ST
OAKLAND CA 94621
ALAMEDA

REV: 06/01/2000
ID1: OAKLAND950
ID2:
STATUS:
PHONE:

CONTACT:

CITY OF OAKLAND UST LIST INFORMATION

According to the Oakland Office of Emergency Services the following information is current as of 09/24/02

Site_status:	<i>Certified</i>
Site ID:	<i>1093</i>
Upgrade status:	<i>Yes</i>
Upgrade Certificate Date:	<i>11/18/98</i>
Upgrade Certificate Number:	<i>11724</i>
New Permit Date:	<i>11/18/98</i>
Permitted:	<i>Permitted</i>
No Of Tanks:	<i>5</i>

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 45	DIST/DIR: 0.24 SE	MAP ID: 65
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NAME: EAGLE MACHINERY CO
ADDRESS: 948 88TH AVE
OAKLAND CA 94621
ALAMEDA

REV: 7/10/07
ID1: 110002711094
ID2: CAD981449903
STATUS: FRS
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 36	DIST/DIR: 0.25 NW	MAP ID: 67
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NAME: ASHLAND SPECIALTY CHEMICAL COMPANY
ADDRESS: 860 81ST ST
OAKLAND CA 94614
ALAMEDA

REV: 7/10/07
ID1: 110021010163
ID2: CAL000214344
STATUS: FRS
PHONE:

CONTACT:

HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 62	DIST/DIR: 0.25 NW	MAP ID: 67
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NAME: MACDERMID INC ALAMEDA
ADDRESS: 860 81ST AVE
OAKLAND CA 94621
ALAMEDA

REV: 7/10/07
ID1: 110017868761
ID2: CAR000153700
STATUS: FRS
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

FINDS

SEARCH ID: 34	DIST/DIR: 0.25 NW	MAP ID: 67
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NAME: APPLIED MATERIALS INC	REV: 7/10/07
ADDRESS: 860 81ST AVE	ID1: 110017869207
OAKLAND CA 94621	ID2: CAR000153148
ALAMEDA	STATUS: FRS
CONTACT:	PHONE:

HYDROLOGICAL UNTIS:
EPA REGION: 09
AIRSHED:
CENSUS BLOCK:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

STATE

SEARCH ID: 90	DIST/DIR: 0.44 NW	MAP ID: 97
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NAME: J3M AUTO BODY SHOP
ADDRESS: 912 76TH AVENUE
OAKLAND CA 94621
ALAMEDA

REV: 02/18/03
ID1: CAL01750033
ID2:
STATUS: PRELIMINARY ENDANGERMENT ASSES
PHONE:

CONTACT:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

RCRACOR

SEARCH ID: 12

DIST/DIR: 0.64 NW

MAP ID: 110

NAME: ALLIED SIGNAL INC AND PUREX INDUSTRIES
ADDRESS: 710 73RD AVE
OAKLAND CA 94621
ALAMEDA
CONTACT: JEFF SMITH

REV: 6/6/06
ID1: CAD009154469
ID2:
STATUS: CA
PHONE: 3105328781

Trichloroethylene
D000
Tetrachloroethylene

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

STATE

SEARCH ID: 83	DIST/DIR: 0.94 NW	MAP ID: 115
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NAME: ASPIRE SCHOOL SITE/66TH AVENUE CHRTR SCH	REV: 07/18/05
ADDRESS: 1009 66TH AVENUE	ID1: CAL01390008
OAKLAND CA 94610	ID2:
ALAMEDA	STATUS: VOLUNTARY CLEANUP PROGRAM
CONTACT:	PHONE:

***Environmental FirstSearch
Site Detail Report***

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

RELEASES

SEARCH ID: 184

DIST/DIR: NON GC

MAP ID:

NAME: CIRQUE DU SOLEIL
ADDRESS: PORT OF OAKLAND 75 ALICE ST
OAKLAND CA
ALAMEDA

REV: 6/3/97
ID1: 537837
ID2:
STATUS: FIXED FACILITY
PHONE:

CONTACT:

DETAILS NOT AVAILABLE

Environmental FirstSearch Descriptions

NPL: *EPA* NATIONAL PRIORITY LIST - Database of confirmed and proposed Superfund sites.

NPL Delisted: *EPA* NATIONAL PRIORITY LIST Subset - Database of delisted Superfund sites.

CERCLIS: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

NFRAP: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

RCRA COR ACT: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

RCRA TSD: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

RCRA GEN: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements.

LGN - Large Quantity Generators

SGN - Small Quantity Generators

VGN – Conditionally Exempt Generator.

Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

RCRA NLR: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities not currently classified by the EPA but are still included in the RCRIS database.

Reasons for non classification:

Failure to report in a timely matter.

No longer in business.

No longer in business at the listed address.

No longer generating hazardous waste materials in quantities which require reporting.

Federal IC / EC: *EPA* BROWNFIELD MANAGEMENT SYSTEM (BMS) - database designed to assist EPA in collecting, tracking, and updating information, as well as reporting on the major activities and accomplishments of the various Brownfield grant Programs.

FEDERAL ENGINEERING AND INSTITUTIONAL CONTROLS- Superfund sites that have either an engineering or an institutional control. The data includes the control and the media contaminated.

ERNS: *EPA/NRC* EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

Tribal Lands: *DOI/BIA* INDIAN LANDS OF THE UNITED STATES - Database of areas with boundaries established by treaty, statute, and (or) executive or court order, recognized by the Federal Government as territory in which American Indian tribes have primary governmental authority. The Indian Lands of the United States map layer shows areas of 640 acres or more, administered by the Bureau of Indian Affairs. Included are Federally-administered lands within a reservation which may or may not be considered part of the reservation.

State/Tribal Sites: *CA EPA* SMBRPD / CAL SITES- The California Department of Toxic Substances

Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (STATE).

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

CORTESE LIST-Pursuant to Government Code Section 65962.5, the Hazardous Waste and Substances Sites List has been compiled by Cal/EPA, Hazardous Materials Data Management Program. The CAL EPA Dept. of Toxic Substances Control compiles information from subsets of the following databases to make up the CORTESE list:

1. The Dept. of Toxic Substances Control; contaminated or potentially contaminated hazardous waste sites listed in the CAL Sites database. Formerly known as ASPIS are included (CAL SITES formerly known as ASPIS).
2. The California State Water Resources Control Board; listing of Leaking Underground Storage Tanks are included (LTANK)
3. The California Integrated Waste Management Board; Sanitary Landfills which have evidence of groundwater contamination or known migration of hazardous materials (formerly WB-LF, now AB 3750).

Note: Track Info Services collects each of the above data sets individually and lists them separately in the following First Search categories in order to provide more current and comprehensive information: CALSITES: SPL, LTANK: LUST, WB-LF: SWL

State Spills 90: CA EPA SLIC REGIONS 1 - 9- The California Regional Water Quality Control Boards maintain report of sites that have records of spills, leaks, investigation, and cleanups.

State/Tribal SWL: CA IWMB/SWRCB/COUNTY SWIS SOLID WASTE INFORMATION SYSTEM-The California Integrated Waste Management Board maintains a database on solid waste facilities, operations, and disposal sites throughout the state of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. For more information on individual sites call the number listed in the source field..

Please Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

WMUDS-The State Water Resources Control Board maintained the Waste Management Unit Database System (WMUDS). It is no longer updated. It tracked management units for several regulatory programs related to waste management and its potential impact on groundwater. Two of these programs (SWAT & TPCA) are no longer on-going regulatory programs as described below. Chapter 15 (SC15) is still an on-going regulatory program and information is updated periodically but not to the WMUDS database. The WMUDS System contains information from the following agency databases: Facility, Waste Management Unit (WMU), Waste Discharger System (WDS), SWAT, Chapter 15, TPCA, RCRA, Inspections, Violations, and Enforcement's.

Note: This database contains poor site location information for many sites in the First Search reports; therefore, it may not be possible to locate or plot some sites in First Search reports.

ORANGE COUNTY LANDFILLS LIST- A list maintained by the Orange County Health Department.

State/Tribal LUST: CA SWRCB/COUNTY LUSTIS- The State Water Resources Control Board maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks. Information for this database is collected from the states regional boards quarterly and integrated with this database.

SAN DIEGO COUNTY LEAKING TANKS- The San Diego County Department of Environmental Health maintains a database of sites with confirmed or unconfirmed leaking underground storage tanks within its HE17/58 database. For more information on a specific file call the HazMat Duty Specialist at phone number

listed in the source information field.

State/Tribal UST/AST: CA EPA/COUNTY/CITY ABOVEGROUND STORAGE TANKS LISTING-The Above Ground Petroleum Storage Act became State Law effective January 1, 1990. In general, the law requires owners or operators of AST's with petroleum products to file a storage statement and pay a fee by July 1, 1990 and every two years thereafter, take specific action to prevent spills, and in certain instances implement a groundwater monitoring program. This law does not apply to that portion of a tank facility associated with the production oil and regulated by the State Division of Oil and Gas of the Dept. of Conservation.

SWEEPS / FIDS STATE REGISTERED UNDEGROUND STORAGE TANKS- Until 1994 the State Water Resources Control Board maintained a database of registered underground storage tanks statewide referred to as the SWEEPS System. The SWEEPS UST information was integrated with the CAL EPA's Facility Index System database (FIDS) which is a master index of information from numerous California agency environmental databases. That was last updated in 1994. Track Info Services included the UST information from the FIDS database in its First Search reports for historical purposes to help its clients identify where tanks may possibly have existed. For more information on specific sites from individual paper files archived at the State Water Resources Control Board call the number listed with the source information.

INDIAN LANDS UNDERGROUND STORAGE TANKS LIST- A listing of underground storage tanks currently on Indian Lands under federal jurisdiction. California Indian Land USTs are administered by US EPA Region 9.

CUPA DATABASES & SOURCES- Definition of a CUPA: A Certified Unified Program Agency (CUPA) is a local agency that has been certified by the CAL EPA to implement six state environmental programs within the local agency's jurisdiction. These can be a county, city, or JPA (Joint Powers Authority). This program was established under the amendments to the California Health and Safety Code made by SB 1082 in 1994.

A Participating Agency (PA) is a local agency that has been designated by the local CUPA to administer one or more Unified Programs within their jurisdiction on behalf of the CUPA. A Designated Agency (DA) is an agency that has not been certified by the CUPA but is the responsible local agency that would implement the six unified programs until they are certified.

Please Note: Track Info Services, LLC collects and maintains information regarding Underground Storage Tanks from majority of the CUPAS and Participating Agencies in the State of California. These agencies typically do not maintain nor release such information on a uniform or consistent schedule; therefore, currency of the data may vary. Please look at the details on a specific site with a UST record in the First Search Report to determine the actual currency date of the record as provided by the relevant agency. Numerous efforts are made on a regular basis to obtain updated records.

State/Tribal IC: CA EPA DEED-RESTRICTED SITES LISTING- The California EPA's Department of Toxic Substances Control Board maintains a list of deed-restricted sites, properties where the DTSC has placed limits or requirements on the future use of the property due to varying levels of cleanup possible, practical or necessary at the site.

State/Tribal VCP: CA EPA SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)
5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type VC. Each Category contains information on properties based upon the type of work taking place at the site. The VC category contains only those properties undergoing voluntary investigation and/or cleanup and which are listed in the Voluntary Cleanup Program.

Receptors: US DOC SENSITIVE RECEPTORS - 2002 Census Bureau's TIGER (Topologically Integrated Geographic Encoding and Referencing System) database of schools and hospitals. List of schools and hospitals that may house individuals deemed sensitive to environmental discharges due to their fragile immune systems.

NPDES: *EPA* THE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM - Database of permitted facilities receiving and discharging effluents to and from a natural source where treatment of the effluent is monitored.

FINDS: *EPA* FACILITY INDEX SYSTEM(FINDS)/FACILITY REGISTRY SYSTEM(FRS) - The index of identification numbers associated with a property or facility which the EPA has investigated or has been made aware of in conjunction with various regulatory programs. Each record indicates the EPA office that may have files on the site or facility. A Facility Registry System site has an FRS in the status field.

TRIS: *EPA* TOXIC RELEASE INVENTORY SYSTEM - Database of all facilities that have had or may be prone to toxic material releases.

HMIRS: *US DOT* HAZARDOUS MATERIALS INCIDENT RESPONSE SYSTEM - Database of information regarding materials, packaging, and a description of events for tracked incidents.

NCDB: *EPA* NATIONAL COMPLIANCE DATA BASE SYSTEM - Database of regional compliance and enforcement activity and manages the Pesticides and Toxic Substances Compliance and Enforcement program at a national level. The system tracks all compliance monitoring and enforcement activities from the time an inspector conducts and inspection until the time the inspector closes or the case settles the enforcement action. NCDB is the national repository of the 10 regional and Headquarters FIFRA/TSCA Tracking System (FTTS). Data collected in the regional FTTS is transferred to NCDB to support the need for monitoring national performance of regional programs.

PADS: *EPA* DATABASE OF PCB HANDLERS - Database of PolyChlorinatedBiPhenol generators, transporters, storers and/or disposers that are required to register with the EPA. This database indicates the type of handler and registration number. Also included is the PCB Transformer Registration Database.

AIRS: *EPA* AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS) – database of detailed information pertaining to sites which submit air emissions reports. Developed under the Clean Air Act, this database also maintains data on compliance status and enforcement actions.

RADON: *NTIS* NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

DOCKET: *EPA* INTERGRATED COMPLIANCE INFORMATION SYSTEM (ICIS) - database of federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act (CAA), the Clean Water Act (CWA), the Resource Conservation and Recovery Act (RCRA), the Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313, the Toxic Substances Control Act (TSCA), the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund), the Safe Drinking Water Act (SDWA), and the Marine Protection, Research, and Sanctuaries Act (MPRSA).

Nuclear Permits: *EPA/NRC* PERMITTED NUCLEAR FACILITIES
THE RADINFO DATABASE - Database of basic information about facilities that are permitted and regulated for their use and handling of radioactive materials.

Federal Other: *EPA* SECTION SEVEN TRACKING SYSTEM (SSTS) – database of registration and production data for facilities which manufacture pesticides.

SETS PRP: *EPA* POTENTIALLY RESPONSIBLE PARTIES (PRP) – database of parties identified by the EPA as being potential responsible for contamination at a CERCLIS or NPL site.

State Permits: *CA COUNTY* SAN DIEGO COUNTY HE17 PERMITS- The HE17/58 database tracks establishments issued permits and the status of their permits in relation to compliance with federal, state, and local regulations that the County oversees. It tracks if a site is a hazardous waste generator, TSD, gas station, has underground tanks, violations, or unauthorized releases. For more information on a specific file call the HazMat Duty Specialist at the phone number listed in the source information field.
SAN BERNARDINO COUNTY HAZARDOUS MATERIALS PERMITS- Handlers and Generators Permit Information Maintained by the Hazardous Materials Division.

State Other: CA EPA/COUNTY SMBRPD / CAL SITES- The California Department of Toxic Substances Control (DTSC) has developed an electronic database system with information about sites that are known to be contaminated with hazardous substances as well as information on uncharacterized properties where further studies may reveal problems. The Site Mitigation and Brownfields Reuse Program Database (SMBRPD), also known as CalSites, is used primarily by DTSC's staff as an informational tool to evaluate and track activities at properties that may have been affected by the release of hazardous substances.

The SMBRPD displays information in six categories. The categories are:

1. CalSites Properties (CS)
2. School Property Evaluation Program Properties (SCH)
3. Voluntary Cleanup Program Properties (VCP)
4. Unconfirmed Properties Needing Further Evaluation (RFE)

Please Note: FirstSearch Reports list the above sites as DB Type (STATE).

5. Unconfirmed Properties Referred to Another Local or State Agency (REF)
6. Properties where a No Further Action Determination has been made (NFA)

Please Note: FirstSearch Reports list the above sites as DB Type (OTHER).

Each Category contains information on properties based upon the type of work taking place at the site. For example, the CalSites database is now one of the six categories within SMPBRD and contains only confirmed sites considered as posing the greatest threat to the public and/or the potential public school sites will be found within the School Property Evaluation Program, and those properties undergoing voluntary investigation and/or cleanup are in the Voluntary Cleanup Program.

LA COUNTY SITE MITIGATION COMPLAINT CONTROL LOG- The County of Los Angeles Public Health Investigation Compliant Control Log.

ORANGE COUNTY INDUSTRIAL SITE CLEANUPS- List maintained by the Orange County Environmental Health Agency.

RIVERSIDE COUNTY WASTE GENERATORS-A list of facilities in Riverside County which generate hazardous waste.

SACRAMENTO COUNTY MASTER HAZMAT LIST-Master list of facilities within Sacramento County with potentially hazardous materials.

SACRAMENTO COUNTY TOXIC SITE CLEANUPS-A list of sites where unauthorized releases of potentially hazardous materials have occurred.

Environmental FirstSearch Database Sources

NPL: EPA Environmental Protection Agency

Updated quarterly

NPL Delisted: EPA Environmental Protection Agency

Updated quarterly

CERCLIS: EPA Environmental Protection Agency

Updated quarterly

NFRAP: EPA Environmental Protection Agency.

Updated quarterly

RCRA COR ACT: EPA Environmental Protection Agency.

Updated quarterly

RCRA TSD: EPA Environmental Protection Agency.

Updated quarterly

RCRA GEN: EPA Environmental Protection Agency.

Updated quarterly

RCRA NLR: EPA Environmental Protection Agency

Updated quarterly

Federal IC / EC: EPA Environmental Protection Agency

Updated quarterly

ERNS: EPA/NRC Environmental Protection Agency

Updated semi-annually

Tribal Lands: DOI/BIA United States Department of the Interior

Updated annually

State/Tribal Sites: CA EPA The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400

Updated quarterly/when available

State Spills 90: CA EPA The California State Water Resources Control Board

Updated when available

State/Tribal SWL: CA IWMB/SWRCB/COUNTY The California Integrated Waste Management Board
Phone:(916) 255-2331
The State Water Resources Control Board
Phone:(916) 227-4365
Orange County Health Department

Updated quarterly/when available

State/Tribal LUST: CA SWRCB/COUNTY The California State Water Resources Control Board
Phone:(916) 227-4416
San Diego County Department of Environmental Health

Updated quarterly/when available

State/Tribal UST/AST: CA EPA/COUNTY/CITY The State Water Resources Control Board
Phone:(916) 227-4364
CAL EPA Department of Toxic Substances Control
Phone:(916)227-4404
US EPA Region 9 Underground Storage Tank Program
Phone: (415) 972-3372

ALAMEDA COUNTY CUPAS:

- * County of Alameda Department of Environmental Health
- * Cities of Berkeley, Fremont, Hayward, Livermore / Pleasanton, Newark, Oakland, San Leandro, Union

ALPINE COUNTY CUPA:

- * Health Department (Only updated by agency sporadically)

AMADOR COUNTY CUPA:

- * County of Amador Environmental Health Department

BUTTE COUNTY CUPA

- * County of Butte Environmental Health Division (Only updated by agency biannually)

CALAVERAS COUNTY CUPA:

- * County of Calaveras Environmental Health Department

COLUSA COUNTY CUPA:

- * Environmental Health Dept.

CONTRA COSTA COUNTY CUPA:

- * Hazardous Materials Program

DEL NORTE COUNTY CUPA:

- * Department of Health and Social Services

EL DORADO COUNTY CUPAS:

- * County of El Dorado Environmental Health - Solid Waste Div (Only updated by agency annually)
- * County of El Dorado EMD Tahoe Division (Only updated by agency annually)

FRESNO COUNTY CUPA:

- * Haz. Mat and Solid Waste Programs

GLENN COUNTY CUPA:

- * Air Pollution Control District

HUMBOLDT COUNTY CUPA:

- * Environmental Health Division

IMPERIAL COUNTY CUPA:

- * Department of Planning and Building

INYO COUNTY CUPA:

- * Environmental Health Department

KERN COUNTY CUPA:

- * County of Kern Environmental Health Department

- * City of Bakersfield Fire Department

KINGS COUNTY CUPA:

- * Environmental Health Services

LAKE COUNTY CUPA:

- * Division of Environmental Health

LASSEN COUNTY CUPA:

- * Department of Agriculture

LOS ANGELES COUNTY CUPAS:

- * County of Los Angeles Fire Department CUPA Data as maintained by the Los Angeles County Department of Public Works

- * County of Los Angeles Environmental Programs Division

- * Cities of Burbank, El Segundo, Glendale, Long Beach/Signal Hill, Los Angeles, Pasadena, Santa Fe Springs, Santa Monica, Torrance, Vernon

MADERA COUNTY CUPA:

- * Environmental Health Department

MARIN COUNTY CUPA:

- * County of Marin Office of Waste Management

- * City of San Rafael Fire Department

MARIPOSA COUNTY CUPA:

- * Health Department

MENDOCINO COUNTY CUPA:

- * Environmental Health Department

MERCED COUNTY CUPA:

- * Division of Environmental Health

MODOC COUNTY CUPA:

- * Department of Agriculture

MONO COUNTY CUPA:

- * Health Department

MONTEREY COUNTY CUPA:

- * Environmental Health Division

NAPA COUNTY CUPA:

- * Hazardous Materials Section

NEVADA COUNTY CUPA:

- * Environmental Health Department

ORANGE COUNTY CUPAS:

- * County of Orange Environmental Health Department

- * Cities of Anaheim, Fullerton, Orange, Santa Ana

- * County of Orange Environmental Health Department

PLACER COUNTY CUPAS:

- * County of Placer Division of Environmental Health Field Office

- * Tahoe City

- * City of Roseville Roseville Fire Department

PLUMAS COUNTY CUPA:

- * Environmental Health Department

RIVERSIDE COUNTY CUPA:

- * Environmental Health Department

SACRAMENTO COUNTY CUPA:

- * County Environmental Mgmt Dept, Haz. Mat. Div.

SAN BENITO COUNTY CUPA:

- * City of Hollister Environmental Service Department

SAN BERNARDINO COUNTY CUPAS:

- * County of San Bernardino Fire Department, Haz. Mat. Div.

- * City of Hesperia Hesperia Fire Prevention Department

- * City of Victorville Victorville Fire Department

SAN DIEGO COUNTY CUPA:

* The San Diego County Dept. of Environmental Health HE 17/58

SAN FRANCISCO COUNTY CUPA:

* Department of Public Health

SAN JOAQUIN COUNTY CUPA:

* Environmental Health Division

SAN LUIS OBISPO COUNTY CUPAS:

* County of San Luis Obispo Environmental Health Division

* City of San Luis Obispo City Fire Department

SAN MATEO COUNTY CUPA:

* Environmental Health Department

SANTA BARBARA COUNTY CUPA:

* County Fire Dept Protective Services Division

SANTA CLARA COUNTY CUPAS:

* County of Santa Clara Hazardous Materials Compliance Division

* Santa Clara County Central Fire Protection District (Covers Campbell, Cupertino, Los Gatos, & Morgan Hill)

* Cities of Gilroy, Milpitas, Mountain View, Palo Alto, San Jose Fire, Santa Clara, Sunnyvale

SANTA CRUZ COUNTY CUPA:

* Environmental Health Department

SHASTA COUNTY CUPA:

* Environmental Health Department

SIERRA COUNTY CUPA:

* Health Department

SISKIYOU COUNTY CUPA:

* Environmental Health Department

SONOMA COUNTY CUPAS:

* County of Sonoma Department Of Environmental Health

* Cities of Healdsburg / Sebastopol, Petaluma, Santa Rosa

STANISLAUS COUNTY CUPA:

* Department of Environmental Resources Haz. Mat. Division

SUTTER COUNTY CUPA:

* Department of Agriculture

TEHAMA COUNTY CUPA:

* Department of Environmental Health

TRINITY COUNTY CUPA:

* Department of Health

TULARE COUNTY CUPA:

* Environmental Health Department

TUOLUMNE COUNTY CUPA:

* Environmental Health

VENTURA COUNTY CUPAS:

* County of Ventura Environmental Health Division

* Cities of Oxnard, Ventura

YOLO COUNTY CUPA:

* Environmental Health Department

YUBA COUNTY CUPA:

Updated quarterly/annually/when available

State/Tribal IC: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

State/Tribal VCP: CA EPA The California EPA Department of Toxic Substances Control.

Updated Updated quarterly/annually/when available

Receptors: US DOC US Department of Commerce, Census Bureau

Updated periodically

NPDES: *EPA* Environmental Protection Agency

Updated quarterly

FINDS: *EPA* Environmental Protection Agency

Updated annually

TRIS: *EPA* Environmental Protection Agency.

Updated quarterly

HMIRS: *US DOT* US Department of Transportation

Updated quarterly

NCDB: *EPA* Environmental Protection Agency

Updated quarterly

PADS: *EPA* Environmental Protection Agency

Updated quarterly

AIRS: *EPA* Environmental Protection Agency

Updated quarterly

RADON: *NTIS* Environmental Protection Agency, National Technical Information Services

Updated periodically

DOCKET: *EPA*

Updated

Nuclear Permits: *EPA/NRC* Nuclear Regulatory Commission

Updated periodically

Federal Other: *EPA* Environmental Protection Agency

Updated quarterly

SETS PRP: *EPA* Environmental Protection Agency, National Technical Information Services

Updated when available

State Permits: CA COUNTY The San Diego County Depart. Of Environmental Health
Phone:(619) 338-2211
San Bernardino County Fire Department

Updated quarterly/when available

State Other: CA EPA/COUNTY The CAL EPA, Depart. Of Toxic Substances Control
Phone: (916) 323-3400
The Los Angeles County Hazardous Materials Division
Phone: (323) 890-7806
Orange County Environmental Health Agency
Phone: (714) 834-3536
Riverside County Department of Environmental Health, Hazardous Materials Management Division
Phone:(951) 358-5055
Sacramento County Environmental Management Department

Updated quarterly/when available

Environmental FirstSearch
Street Name Report for Streets within 1 Mile(s) of Target Property

Target Property: 8410 AMELIA ST
OAKLAND CA 94621

JOB: 08ENV1134

Street Name	Dist/Dir	Street Name	Dist/Dir
100th Ave	0.90 SE	EAST 14th St	0.59 NE
101st Ave	0.98 SE	Eastlawn St	0.74 NW
65th Ave	1.00 NW	Edes Ave	0.57 SW
66th Ave	0.92 NW	Elmhurst Ave	0.64 SE
67th Ave	0.90 NW	Empire Rd	1.00 SW
68th Ave	0.85 NW	Enterprise Way	0.56 SW
69th Ave	0.74 NW	F St	0.44 SE
70th Ave	0.69 NW	Favor St	0.86 NE
71st Ave	0.64 NW	Fenham St	0.92 NW
72nd Ave	0.59 NW	Flora St	0.85 NW
73rd Ave	0.55 NW	G St	0.06 NE
74th Ave	0.67 NE	Gould St	0.78 SE
75th Ave	0.45 NW	Hamilton St	0.40 NW
76th Ave	0.40 NW	Hassler Way	0.98 NW
77th Ave	0.36 NW	Havenscourt Blvd	0.95 NW
78th Ave	0.41 NW	Hawley St	0.36 NW
79th Ave	0.37 NE	Hazelwood Ct	0.89 SE
80th Ave	0.34 NE	Hegenberger Ct	0.98 SW
81st Ave	0.19 NW	Hegenberger Expy	0.49 NW
82nd Ave	0.23 NE	Hegenberger Loop	0.98 SW
83rd Ave	0.06 NW	Hegenberger Rd	0.49 NW
84th Ave	0.06 NE	Holly St	0.70 NE
85th Ave	0.06 SE	I-880	0.77 SW
86th Ave	0.11 SE	Industrial St	0.46 SE
87th Ave	0.16 SE	Jones Ave	0.81 SW
88th Ave	0.21 SE	Lockwood St	0.86 NE
89th Ave	0.28 SE	Locust St	0.64 NE
90th Ave	0.33 SE	Louisiana St	0.62 SE
91st Ave	0.37 SE	Lucille St	0.75 NW
92nd Ave	0.41 SE	Lyndhurst St	0.95 SE
93rd Ave	0.60 SE	Maddux Dr	0.84 SE
94th Ave	0.55 SE	Manuel Ct	0.96 SE
95th Ave	0.70 SE	McClary Ave	0.43 SW
96th Ave	0.74 SE	Medford Ave	0.79 SE
97th Ave	0.80 SE	Morken St	0.88 NW
98th Ave	0.78 SE	Nevada St	0.81 SE
99th Ave	0.97 SE	North Mal	0.98 NW
99th Avenue Ct	0.97 SE	Oakport St	0.80 SW
A St	0.44 NE	Olmstead St	0.78 NW
Alder St	0.67 NE	Orral St	0.82 NE
Amelia St	0.00 --	Oscar Ave	0.70 SE
Arthur St	0.95 NE	Pearmain St	0.84 SE
Ash St	0.73 NE	Phelps St	0.79 SW
Ashton Ave	0.93 SE	Pippin St	0.82 SE
Auseon Ave	0.61 NE	Plymouth St	0.81 NE
B St	0.38 NE	Prune St	0.86 SE
Baldwin St	0.42 SW	Railroad Ave	0.35 SW
Birch St	0.92 NE	Roland Way	0.80 SW

Environmental FirstSearch
Street Name Report for Streets within 1 Mile(s) of Target Property

Target Property: 8410 AMELIA ST
 OAKLAND CA 94621

JOB: 08ENV1134

Street Name	Dist/Dir	Street Name	Dist/Dir
Blaine St	0.08 SW	Rossmoor Ave	0.92 SW
Brentford St	0.74 NW	Rossmoor Ct	0.91 SW
Burlwood Ave	0.96 SE	Rudsdale St	0.27 NE
C St	0.53 SE	S Coliseum Way	0.58 SW
Cary Ct	0.98 SE	S Elmhurst Ave	0.71 SE
Caswell Ave	0.99 SE	San Leandro St	0.20 SW
Cherry St	0.93 NE	Snell St	0.67 NW
Church St	0.92 NW	SOUTH Coliseum Way	0.58 SW
Clara Ct	0.86 SW	SOUTH Elmhurst Ave	0.71 SE
Clara St	0.66 SE	South Mal	0.67 SW
Coliseum Way	0.66 NW	Spencer St	0.36 NW
Collins Dr	0.54 SW	Stone St	1.00 SE
Coral Rd	1.00 SW	Sunshine Ct	0.65 NE
D St	0.28 NE	Tyler St	0.76 SE
Dashwood Ave	0.98 NE	Walnut St	0.81 NE
Date St	0.81 SW	Walter Ave	0.62 SE
Denny St	0.97 SE	Weld St	0.81 NE
Douglas Ave	0.97 SE	Worth St	0.79 SW
E 14th St	0.59 NE		
E St	0.18 NE		



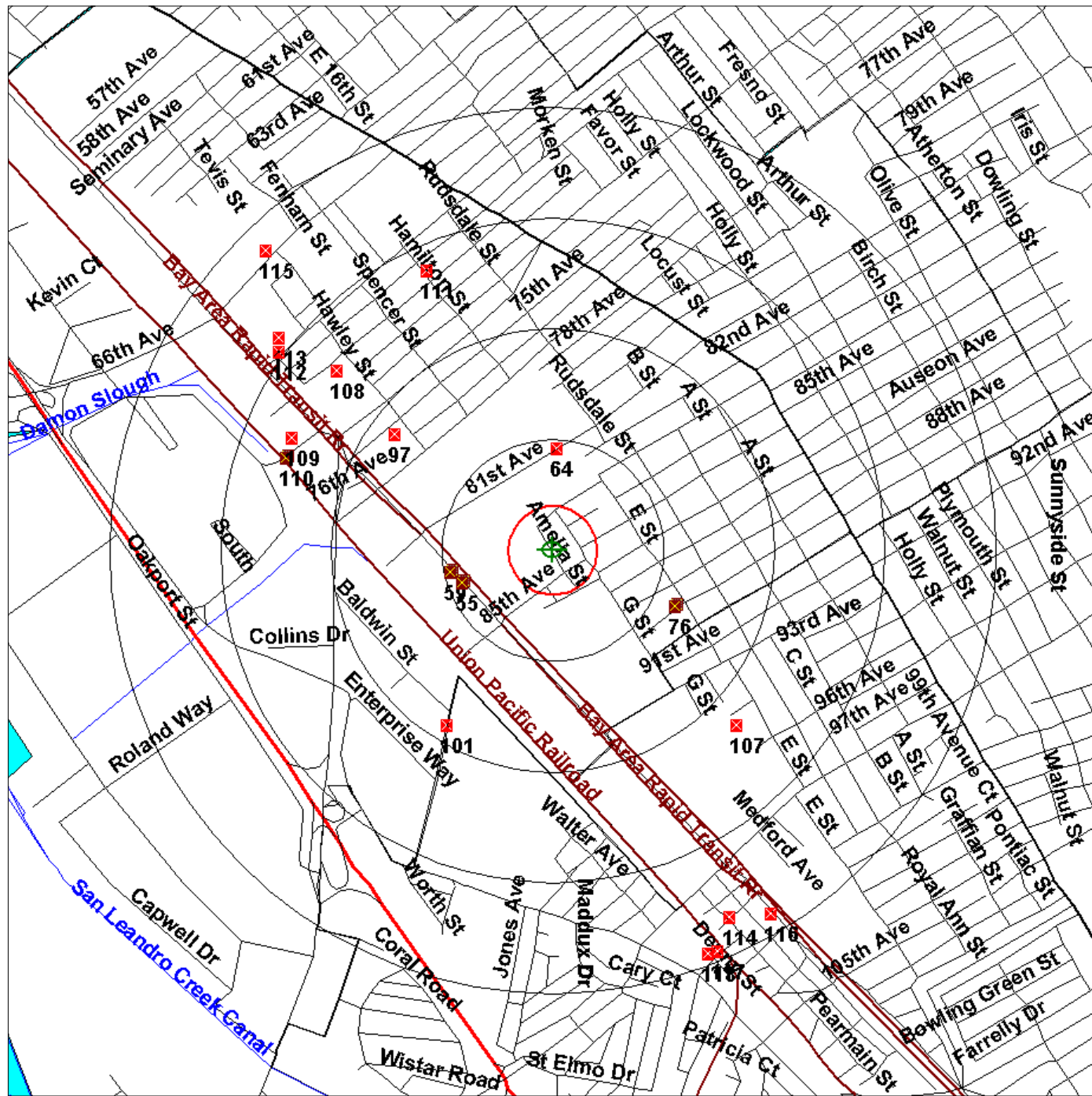
Environmental FirstSearch

1 Mile Radius

ASTM Map: NPL, RCRCOR, STATE Sites

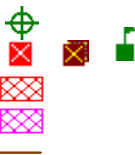


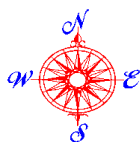
8410 AMELIA ST, OAKLAND CA 94621



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 37.748736 Longitude: -122.18688)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



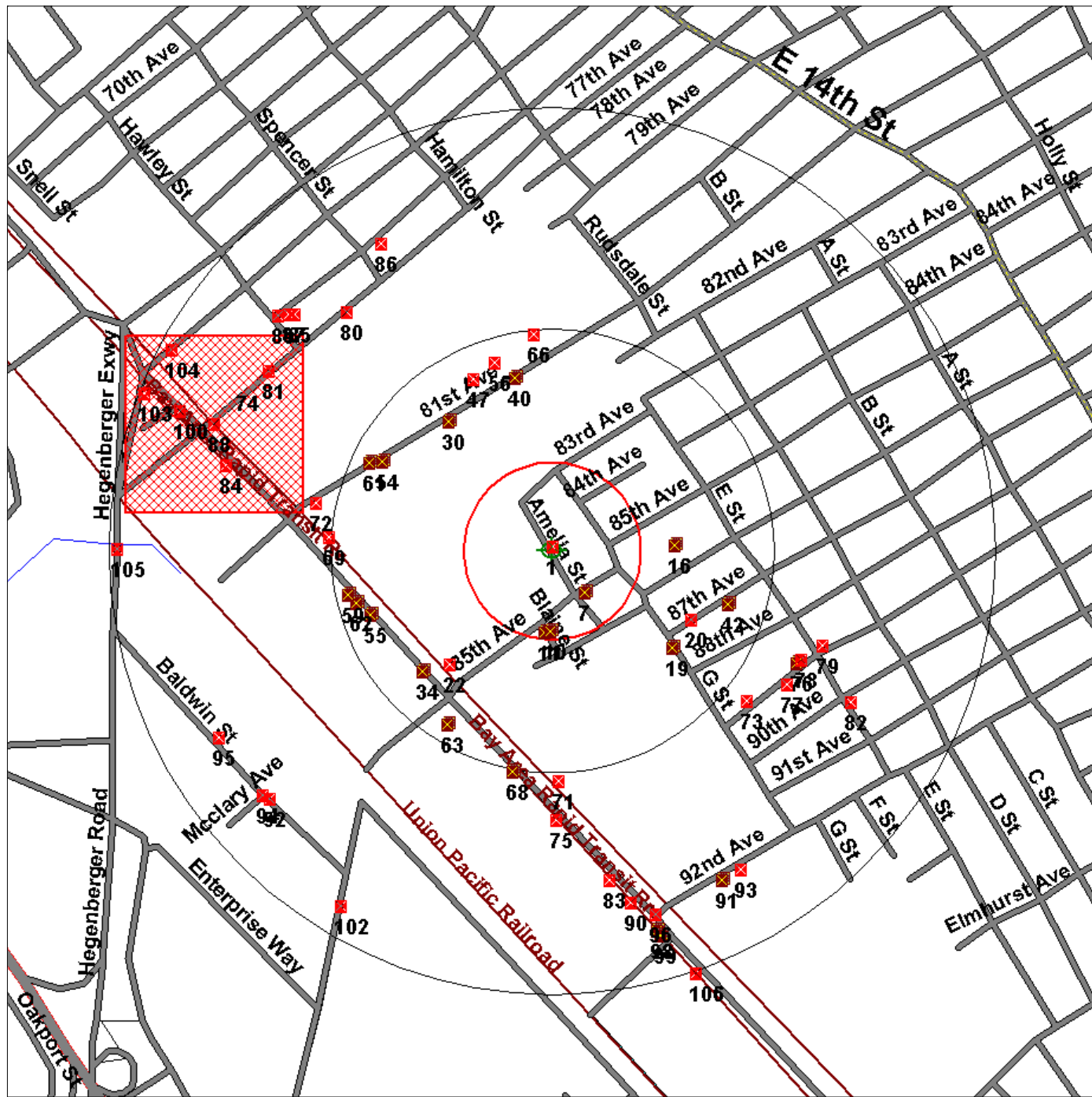


Environmental FirstSearch

.5 Mile Radius
ASTM Map: CERCLIS, RCRATSD, LUST, SWL



8410 AMELIA ST, OAKLAND CA 94621



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 37.748736 Longitude: -122.18688)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



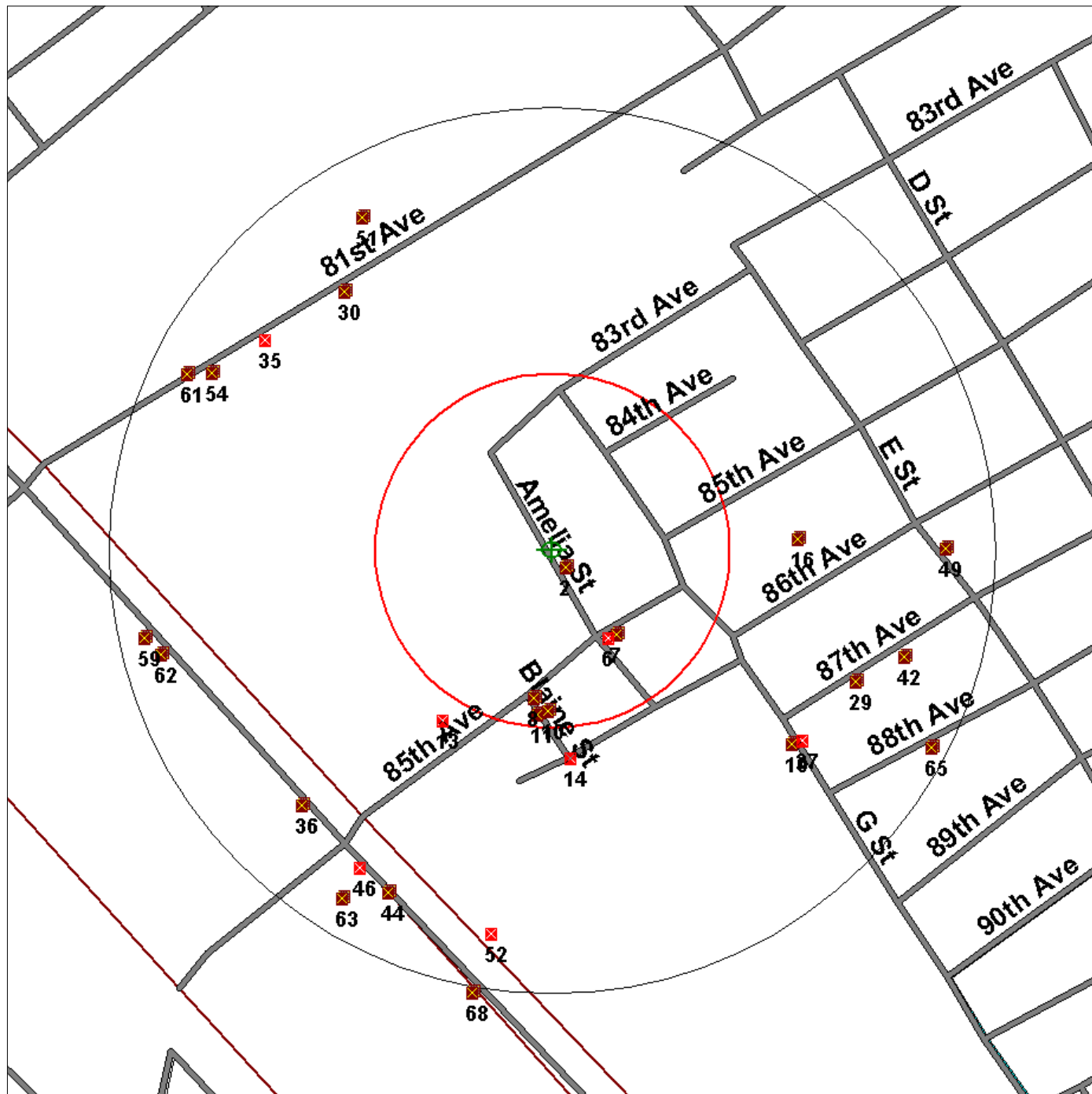


Environmental FirstSearch

.25 Mile Radius
ASTM Map: RCRA GEN, ERNS, UST

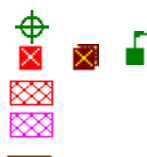


8410 AMELIA ST, OAKLAND CA 94621



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 37.748736 Longitude: -122.18688)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



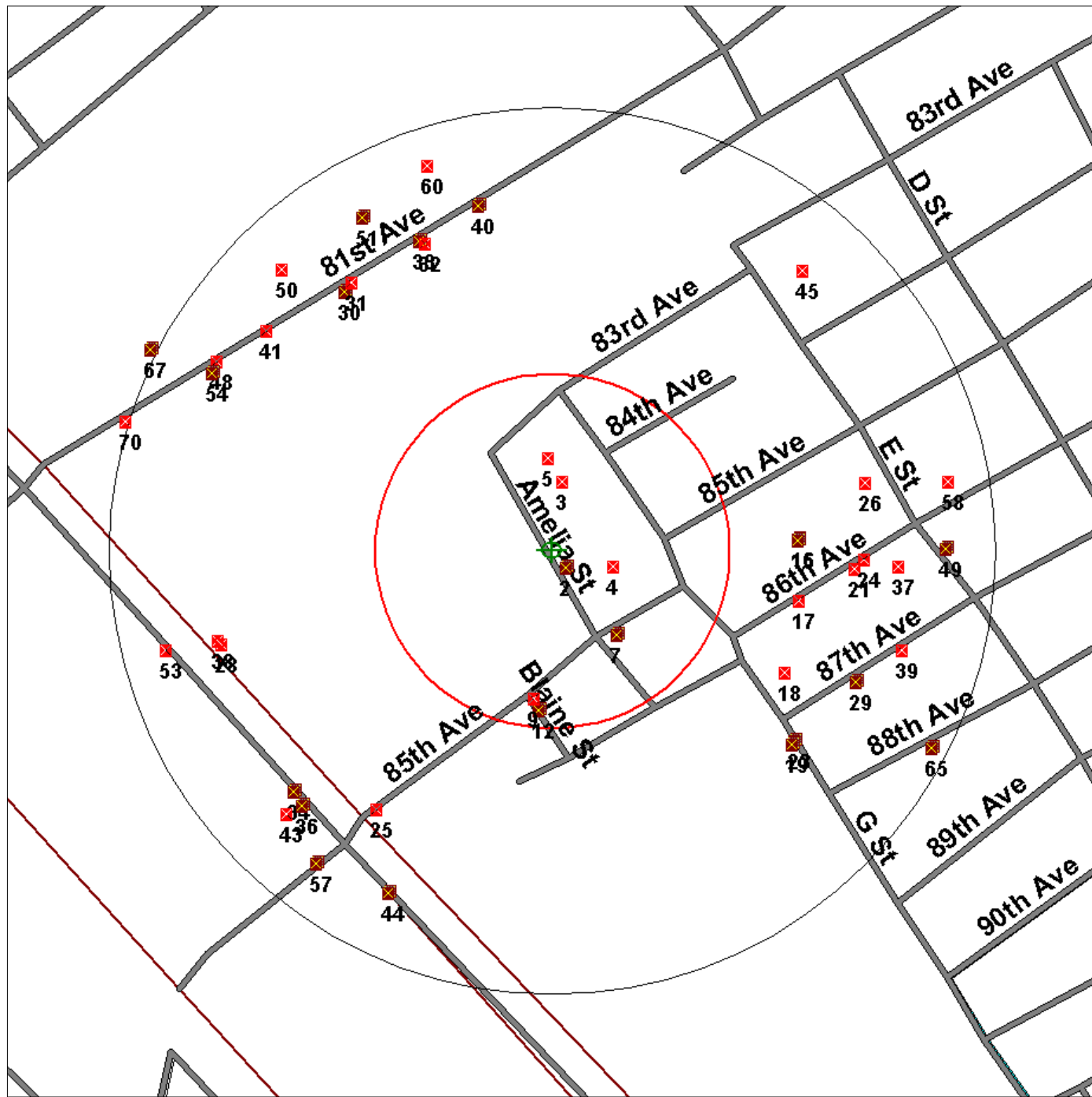


Environmental FirstSearch

.25 Mile Radius
Non-ASTM Map: Multiple Databases



8410 AMELIA ST, OAKLAND CA 94621



Source: 2005 U.S. Census TIGER Files

- Target Site (Latitude: 37.748736 Longitude: -122.18688)
- Identified Site, Multiple Sites, Receptor
- NPL, DELNPL, Brownfield, Solid Waste Landfill (SWL), Hazardous Waste
- Triballand.....
- National Historic Sites and Landmark Sites
- Railroads
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius



APPENDIX B

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY
DAVID J. KEARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

January 21, 2000
StID # 4340

REMEDIAL ACTION COMPLETION CERTIFICATION

Mr. Al Pelton c/o
Dreisbach Enterprises
P.O. Box 7509
Oakland CA 94601

RE: Dreisbach Enterprises, 8410 Amelia St., Oakland CA 94621

Dear Mr. Pelton:

This letter confirms the completion of site investigation and remedial action for the one (1) 6000 gallon gasoline underground tank at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground tank is greatly appreciated.

Based upon the available information and with provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground tank releases is required.

This notice is issued pursuant to a regulation contained in Title 23, Division 3, Chapter 16, Section 2721 (e) of the California Code of Regulations.

Please contact Barney Chan at (510) 567-6765 if you have any questions regarding this matter.

Sincerely,

Mee Ling Tung
Director, Environmental Health

c: B. Chan, Hazardous Materials Division-files
Chuck Headlee, RWQCB
Mr. Dave Deaner, SWRCB Cleanup Fund
Mr. Leroy Griffin, City of Oakland OES, 1605 Martin Luther
King Dr., Oakland CA 94612

RACC0410Amelia

ALAMEDA COUNTY
HEALTH CARE SERVICES



AGENCY

DAVID J. KEARS, Agency Director

January 21, 2000
StID# 4340

Mr. Al Pelton c/o
Dreisbach Enterprises
P.O. Box 7509
Oakland CA 94601

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway
Alameda, CA 94502-6577
(510) 567-6700
(510) 337-9432

**RE: Fuel Leak Site Case Closure, 8410 Amelia St., Oakland
CA 94621**

Dear Mr. Pelton:

This letter transmits the enclosed underground storage tank (UST) case closure letter in accordance with the Health and Safety Code, Chapter 6.75 (Article 4, Section 25299.37 h). The State Water Resources Control Board adopted this letter on February 20, 1997. As of March 1, 1997, the Alameda County Health Services, Local Oversight Program (LOP) is required to use this case closure letter. We are also enclosing the case closure summary. This document confirms the completion of the investigation and cleanup of the reported release at the subject site.

Site Investigation and Cleanup Summary:

Please be advised that the following conditions exist at the site:

* 1100 parts per million (ppm) Total Petroleum Hydrocarbons as gasoline (TPHg) and 14,110,62,360 ppm BTEX, respectively remain in the soil at the site.

* 2400 parts per billion (ppb) TPHg, 60 ppb MTBE and 960,10,21,33 BTEX, respectively, remain in groundwater at the site.

This site should be included in the City's permit tracking system. You may contact me at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

enclosures: Case Closure Letter, Case Closure Summary

c: Mr. L. Griffin, City of Oakland OES, 1605 MLK Jr. Way,
Oakland CA 94612

B. Chan, files (letter only)

Trlt 8410Amelia

CASE CLOSURE SUMMARY
Leaking Underground Fuel Storage Tank Program

I. AGENCY INFORMATION

Date: 10/1/97

Agency name: **Alameda County-HazMat** Address: **1131 Harbor Bay Parkway**
Room 250

City/State/Zip: **Alameda, CA 94502-6577** Phone: **(510) 567-6700**

Responsible staff person: **Barney Chan** Title: **Hazardous Materials Spec.**

II. CASE INFORMATION

Site facility name: **Dreisbach Enterprises**

Site facility address: **8410 Amelia St., Oakland CA 94621**

RB LUSTIS Case No: **N/A** Local Case No./LOP Case No.: **4340**

ULR filing date: **11/21/95** SWEEPS No: **N/A**

Responsible Parties: **Addresses:** **Phone Numbers:**

1) Mr. Ronald Dreisbach	P.O. Box 7509 Oakland CA 94601	↓	
2) Mr. Al Pelton c/o Dreisbach Enterprises	8410 Amelia St. Oakland CA 94621		510-533-6600

<u>Tank No:</u>	<u>Size in gal.:</u>	<u>Contents:</u>	<u>Closed in-place or removed?:</u>	<u>Date:</u>
1	6000	gasoline	Removed	4/06/88

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

Cause and type of release: unknown

Site characterization complete? Yes

Date approved by oversight agency:

Monitoring Wells installed? YES Number: 4

Proper screened interval? Yes

RECEIVED
 10/13/97
 11:11 AM
 10/13/97

Leaking Underground Fuel Storage Program

Does completed corrective action protect potential beneficial uses per the Regional Board Basin Plan? undetermined

Does corrective action protect public health for current land use? YES

Site management requirements: Yes, this site should be included in the City of Oakland's permit tracking system to notify future subsurface workers.

Should corrective action be reviewed if land use changes? Yes

Monitoring wells Decommissioned: NO

Number Decommissioned: 0 Number Retained: 4

List enforcement actions taken: 1/24/96 Pre-enforcement hearing

List enforcement actions rescinded: above, 2/29/96 offsite well, MW4 installed

V. LOCAL AGENCY REPRESENTATIVE DATA

Name: Barney M. Chan Title: Hazardous Materials Specialist

Signature: *Barney M. Chan* Date: 10/28/97

Reviewed by

Name: Tom Peacock Title: Manager

Signature: *Tom Peacock* Date: 10-28-97

Name: Eva Chu Title: Hazardous Materials

Specialist *Eva Chu* Date: 10/2/97

Signature: Date:

VI. RWQCB NOTIFICATION

Date Submitted to RB: *[Signature]* RB Response: *Approved*

RWQCB Staff Name: K. Graves Title: AWRCE Date:

VII. ADDITIONAL COMMENTS, DATA, ETC.
see attached site summary

11/9/97

Site Summary for 8410 Amelia St., Oakland 94621, StID # 4340

4/6/88 1-6k gasoline tank removed from sidewalk. 2 soil samples taken; the northern sample from approx 11' detected 1800 ppm gasoline and 13, 43 & 79 ppm BTX, respectively. The southern sample detected 14 ppm gasoline and 0.37, 0.84 and 2.8 ppm BTX, respectively.

5/2/88 Uriah Environmental Services performed a series of borings around the former tank in Amelia St. taking soil samples and one grab groundwater sample from boring #4. Soil contamination was found downgradient, within 15' of the tank. Up to 590 ppm gasoline and 6.6, 7.9, 68 and 20 ppm BTXE, respectively was detected in the 10' sample from boring EB-2. No analytical data was provided for the grab groundwater sample from boring #4.

8/19/88 The area around the north sample was overexcavated. There's evidence that soil was "treated", possibly aerated, however, its disposition is not clear. The consultant stated that he believed this soil was disposed. The treated soil was analyzed in 2 composite samples, #1-4 and #5-8 which were ND for gasoline and BTEX.

6/30/88 Monitoring well MW1 was installed next to the north end of tank in the presumed downgradient direction. The boring at 10-10.5' depth exhibited 1100 ppm gas and 14, 110, 360 and 620 ppm BTEX, respectively. Groundwater was sampled 6 times: 7/28/88, 11/28/88, 2/16/89, 5/26/89, 7/20/89 and 10/27/89. Low levels of TPHg and BTEX were detected.

3/23/90 Uriah Inc. requested permission to abandon the well. No response was ever received from our office.

10/5/92 NORR letter sent.

10/27/92 Letter from our office requesting resumption of monitoring and provision of work plan for further subsurface investigation.

4/22/93 Meeting with T. Babcock of Environmental Biosystems to discuss remedial plans.

5/3/93 Received work plan for installation for two monitoring wells from Enviromental Biosystems Inc.

12/2/93 2 Monitoring wells, MW2 and MW3, were installed on the west side of 85th Ave. near the curb. Soil samples from MW3 were ND for TPHg and BTEX while soil samples from MW2 showed slight contamination. MW2 was located downgradient of MW1 while MW3 was located crossgradient.

Site Summary
8410 Amelia St.
Stid # 4340
Page 2.

3/9/94 Received MW installation and sampling report. Groundwater in MW2 was significantly impacted with 8.5 mg/l TPHg and 2.1, 0.66, 0.4 and 0.78 mg/l BTEX, respectively.

3/23/94 Comment letter on the monitoring well installation report written.

6/16/94 Received the 6/9/94 QMR, gradient is southwesterly, 0.001 '/'. Still contamination in MW2 and further delineation of groundwater contaminant plume is necessary.

10/19/94- Received August 1, 1994 QMR for site, gradient was north for the first time.

2/1/95- County met with Mr. Al Pelton and Mr. T. Babcock of EBS. Considered the site relative to NAA (Containment Policy). Need to determine limits of GW contamination and therefore requested an additional MW. Discussed discontinuing analysis of MW3 based on historic low to ND levels.

2/7/95- Received 1/15/95 QMR, gradient returned to the prior direction, s-sw @ 0.002 '/'.

10/23/95 Wrote letter to Ms. D. Fischer of Lincoln Properties (tenant of downgradient property), requesting co-operation in allowing site access to install an additional MW.

No gw monitoring occurred in 1995.

2/29/96- Offsite well, MW4, was installed downgradient to MW1 and MW2 on the Lincoln property. Soil samples from the boring were screened from 5' to 20'. All samples gave no reading using a PID instrument. The sample from 10' depth was analyzed and was ND for TPHg and BTEX.

Groundwater monitoring has occurred on this well and wells MW1 and MW2 over a one year period. MW-4 has detected benzene and ethylbenzene once in 9/18/96 at 1.7 and 1.4 ppb respectively. All other monitoring results have been ND. Monitoring wells MW1 and MW2 contaminant levels have stabilized which supports the belief that intrinsic bioremediation is occurring.

Site Summary
8410 Amelia St.
Stid # 4340
Page 3.

Site closure is recommended because the conditions of a "low risk" soil and groundwater site has been documented.

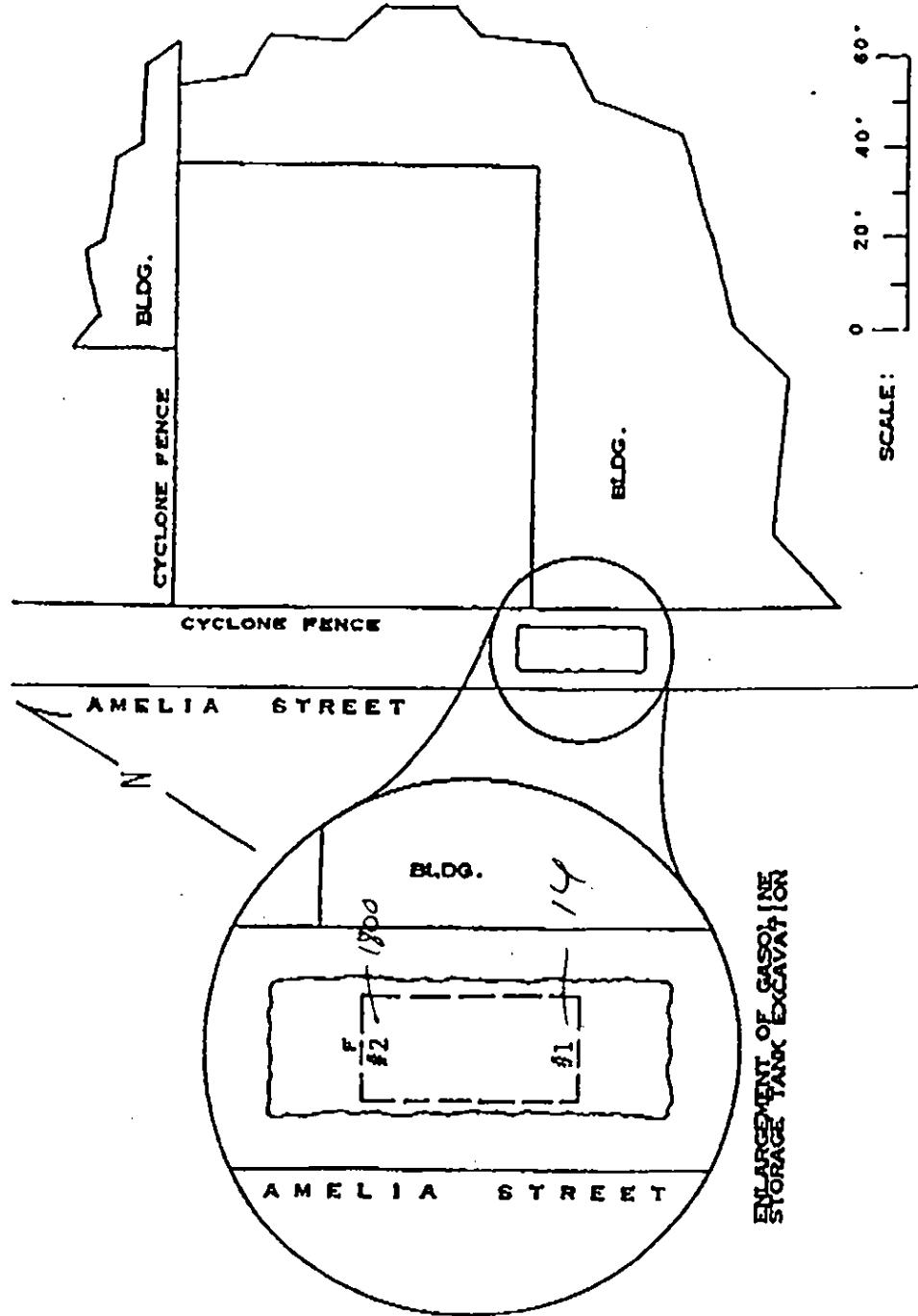
1. The leak has been stopped. The tank and the highest soil contamination from the north end of tank has been removed.
2. The site has been adequately characterized.
3. The dissolved plume has stabilized and is apparently not moving.
4. The site poses no risk to human health under current conditions. The majority of the contamination lies within the groundwater and saturated soils beneath Amelia St.

A deed notice should be implaced to inform construction or utility workers of potential petroleum contamination when working in Amelia St. near the former UST.

ssum8410

MAP REF: THOMAS BROS.
ALAMEDA CO.
P.22 E-1

LEGEND: F = FILL END



#1

SOIL FROM 11" TOTAL ANALYSIS FOR TOTAL PETROLEUM HYDROCARBONS (TPH) AS GASOLINE AND BENZENE, TOLUENE AND XYLENES (BTX) AT SEQUOIA ANALYTICAL LABORATORY SEQUOIA LAB NO. 8040258

#2

SOIL FROM 11" TOTAL ANALYSIS FOR TPH AS GASOLINE AND BTX SEQUOIA LAB NO. 8040259

SAMPLING PERFORMED BY STEPHEN CARTER
DIAGRAM PREPARED BY BIRAD DUTSCH

ORIGINAL TANK REMOVAL RESULTS

ENLARGEMENT OF GASOLINE STORAGE TANK EXCAVATION



SEQUOIA Analytical Laboratory

2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

Blaine Tech Services
P.O. Box 5745
San Jose, CA 95150
Attn: Richard Blaine

Date Sampled: 04/06/88
Date Received: 04/06/88
Date Reported: 04/12/88

Project: BTS #88097C1, Crosby &
Overton, Oakland

TOTAL PETROLEUM FUEL HYDROCARBONS
WITH BTX DISTINCTION

Sample Number

8040259

Sample Description

Soil, #2

	<u>Detection</u> <u>Limit</u> ppm	<u>Sample</u> <u>Results</u> ppm
Low to Medium Boiling Point Hydrocarbons	1	1,800
Benzene	0.1	13
Toluene	0.1	43
Xylenes	0.1	79

Method of Analysis: EPA 5020/8015/8020

SEQUOIA ANALYTICAL LABORATORY

Arthur G. Burton
Laboratory Director



SEQUOIA Analytical Laboratory

2549 Middlefield Road
Redwood City, CA 94063 • (415) 364-9222

Blaine Tech Services
P.O. Box 5745
San Jose, CA 95150
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Date Sampled: 04/06/88
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Date Reported: 04/12/88

Project: BTS #88097C1, Crosby &
Overton, Oakland

TOTAL PETROLEUM FUEL HYDROCARBONS WITH BTX DISTINCTION

Sample Number

8040258

Sample Description

Soil, #1

	<u>Detection</u> <u>Limit</u> ppm	<u>Sample</u> <u>Results</u> ppm
Low to Medium Boiling Point Hydrocarbons	1	14
Benzene	0.1	0.37
Toluene	0.1	0.84
Xylenes	0.1	2.8

Method of Analysis: EPA 5020/8015/8020

SEQUOIA ANALYTICAL LABORATORY

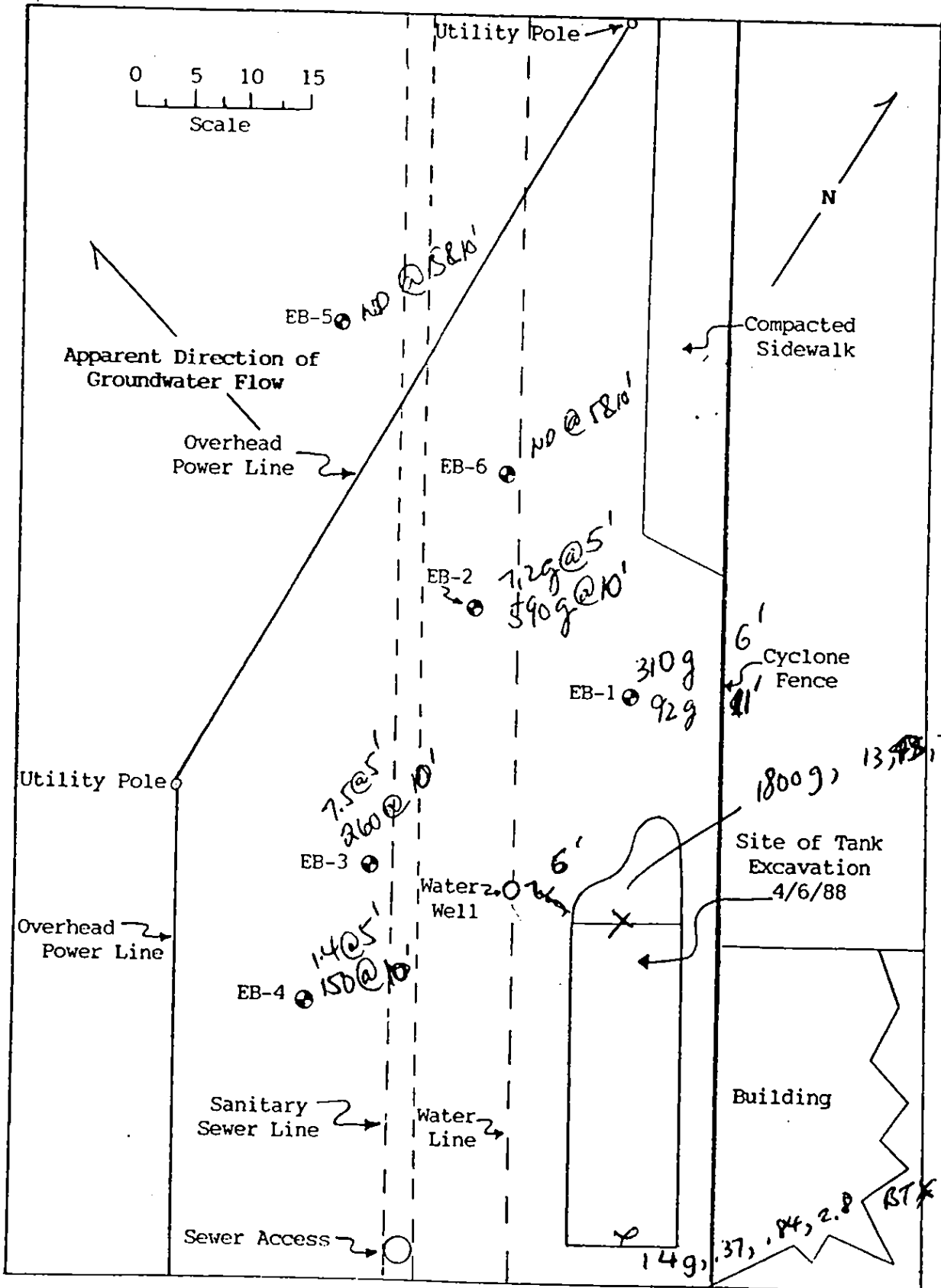
Arthur G. Burton
Arthur G. Burton
Laboratory Director

URIAH : BORINGS SURVEY

TABLE I
SOIL SAMPLING LOCATIONS AND
CONTAMINANT CONCENTRATIONS

BORING	SAMPLE #	DEPTH OF SAMPLE	TPH-G (PPM) ¹	ppm			
				B	T	X	E
EB-1	1	6 feet	310.0	27	28	45	17
EB-1	2	11 feet	92.0	4.9	4.7	14	4.4
EB-2	3	5 feet	7.2	0.6	<0.1	1.4	0.2
EB-2	5	10 feet	590.0	6.6	7.9	68	20
EB-3	7	5 feet	7.5	0.4	<0.1	0.5	0.1
EB-3	8	10 feet	260.0	5.5	12	58	14
EB-4	10	5 feet	1.4	0.1	<0.1	<0.1	<0.1
EB-4	11	10 feet	150.0	4.6	4.8	31	9.4
EB-5	13	5 feet	<1.0	<0.1	<0.1	<0.1	<0.1
EB-5	14	10 feet	<1.0	<0.1	<0.1	<0.1	<0.1
EB-6	16	5 feet	<1.0	<0.1	<0.1	<0.1	<0.1
EB-6	17	10 feet	<1.0	<0.1	<0.1	<0.1	<0.1

¹ TPH-G (PPM) = Total Petroleum Hydrocarbons as Gasoline in parts per million



SITE MAP
8410 AMELIA STREET, OAKLAND, CA

GW @ 7-7.5'



HAZCAT Mobile Organics Lab

733 Dartmouth Avenue
San Carlos, CA 94070 • (415) 591-5820

Triah Environmental Services Inc.
45 Coffee Rd. Suite 5
Modesto, CA 95352
Attn : John Rapp
President

Date Sampled: 06-30-88
Date Received: 06-30-88
Date Reported: 07-06-88

Sample Number

068245

Sample Description

18288T1S
Amelia St.-Oakland
#1 SOIL

ANALYSIS

	Detection Limit	Sample Results
	ppm	ppm
Total Petroleum Hydrocarbons Gasoline	1	1,100
Benzene	0.1	14
Toluene	0.1	110
Xylenes	0.1	360
Ethylbenzene	0.1	62

MW 1
↓
B16-10.5

Note: Analysis was performed using EPA methods 5020 and 8015 with method 8020 used for BTX distinction.

HAZCAT

Ronald G. Evans
Donald G. Evans
Lab Director

TABLE 2. RESULTS OF SOIL SAMPLE ANALYSES

SAMPLE	TPHg (mg/Kg)	BENZENE (µg/Kg)	TOLUENE (µg/Kg)	XYLENES (µg/Kg)	ETHYL- BENZENE (µg/Kg)
MW2-5'	1.1	42	¹ ND	ND	ND
MW2-10'	5.6	270	20	100	10
MW3-5'	ND	ND	ND	ND	ND
MW3-10'	ND	ND	ND	ND	ND

¹ND- Analyte not detected above stated limits.

NOTE: See laboratory reports for individual detection limits used.

TABLE 3. RESULTS OF GROUND WATER SAMPLE ANALYSES

SAMPLE	TPHg (mg/L)	BENZENE (µg/L)	TOLUENE (µg/L)	XYLENES (µg/L)	ETHYL- BENZENE (µg/L)
MW1	0.2	52	¹ ND	ND	ND
MW2	8.5	2,100	660	400	780
MW3	ND	ND	ND	ND	ND

¹ND- Analyte not detected above stated limits.

NOTE: See laboratory reports for individual detection limits used.

TABLE 1. SOIL SAMPLE RESULTS

SAMPLE ID	TPHg (mg/Kg)	BENZENE (µg/Kg)	TOLUENE (µg/ Kg)	ETHYL-BENZENE (µg/ Kg)	XYLENES (µg/ Kg)	PID (Isobutylene Equivalents)
MW4-5'	--	--	--	--	--	0
MW4-10'	ND	ND	ND	ND	ND	0
MW4-15'	--	--	--	--	--	0
MW4-18'	--	--	--	--	--	0
MW4-19'	--	--	--	--	--	0
MW4-20'	--	--	--	--	--	0

NOTES

TPHg: Total Petroleum Hydrocarbons as Gasoline.
mg/Kg: Milligrams per Kilogram.
µg/Kg: Micrograms per Kilogram.
PID: Photoionization Detector.
--: Not Analyzed.
ND: Not Detected.
See Laboratory Report for Detection Limits.

745 85th Avenue

Driveway

Storage Yard

MW3

MW1

Location of Former UST Excavation

MW2

MW4

8410 Amelia St.

AMELIA STREET

Sidewalk

Sidewalk

LEGEND

MW4 GROUND WATER MONITORING WELL

CYCLONE FENCE

BUILDING

0 40 80

SCALE IN FEET



ENVIRONMENTAL SYSTEMS, INC.

DATE: 4/24/97

PROJECT#: 079-452A

SCALE: AS SHOWN

FIGURE 2: SITE MAP

DREISBACH ENTERPRISES, INC. 8410 AMELIA STREET OAKLAND, CALIFORNIA

SOIL BORING LOG

PROJECT NO. 18288JIS

LOCATION 8430 Amelia St., Oakland, CA

CLIENT Crosby & Overton, Inc.

LOGGED BY Thomas S. Nett Geonomics, Inc.
Geologist

BORE HOLE NO. _____

MONITOR HOLE NO. _____

ELEVATION _____

DATE DRILLED 6/30/88

START 10:50 AM

FINISH 3:15PM

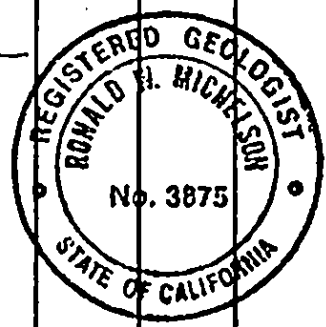
DRILLING METHOD Hollow stem auger

SAMPLING METHOD Cal. modified split spoon

DRILLED BY Bay Land Drilling

SAMPLES COLLECTED			SOIL DESCRIPTION <small>TEXTURE, COLOR, MOISTURE CONSISTENCY, GRAIN-SIZE, ETC.</small>	UNIFIED SOIL CLASSN	GRAPHIC LOG	PENETRATION COLLECTED		WELL CONSTRUCTION DETAILS
DEPTH	DATE	SAMPLE NO.				Blows	SPT	
			Asphalt, 0.0-0.7'		[Hatched Pattern]			
			Gravelly, sandy, clayey silt basefill, 0.7-2.5' 10YR 4/2.		[Dotted Pattern]			
			Pebbly sand basefill 2.5-3.0' 10YR 3/2.	CL	[Horizontal Lines]			
			Silty clay, 10YR 2/2 3.0-4.0'.		[Vertical Lines]			
		18288 JIS #1	Pebbly, sandy clay, 4.0-5.0', 10YR 4/2.	MH	[Dotted Pattern]	6X7X10		
			Slightly silty clay 5.0-10.0' 10YR 3/2		[Vertical Lines]			
		18288 JIS #2	Hydrocarbon odor. Slightly clayey, fine silt 10.0-12.0' 5GY 4/2.		[Vertical Lines]	2X5X9		
			Slightly silty clay 12.0-30.0' 5GY 4/2.	CL	[Vertical Lines]			
			Water first detected at 16.0'.		[Vertical Lines]			
			Water level settled at 10.2' after completion.		[Vertical Lines]			
			Monitoring well logged and supervised by Geonomics staff Geologist under the supervision of R. W. Michelson.					

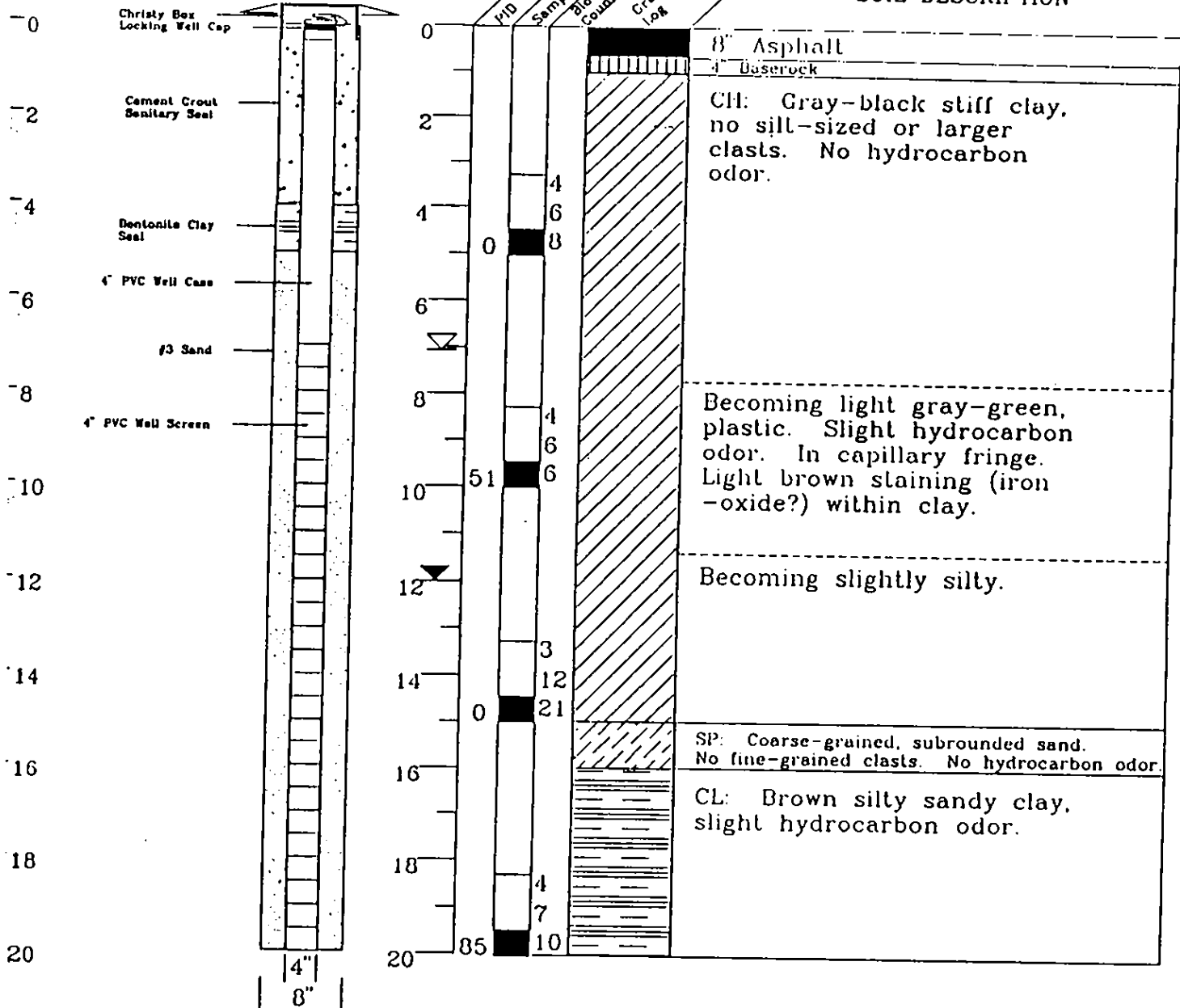
Ronald W. Michelson



LOG OF SOIL BORING MW2 WITH WELL CONSTRUCTION DETAILS

CONSTRUCTION DETAILS

SOIL DESCRIPTION



ed by: D. Sadoff
 irector: Barney Chan
 (s): 12/2/93

Drilling Contractor: Hazmat West
 Drilling Method: Hollow Stem Auger
 Driller: Jeff, Darrell

Sanitary Seal/Backfill: Cement
 Sampler Type: Split Spoon
 Total Boring Depth: 25-feet



EXPLANATION

water level during drilling	gradational
potentiometric water level	NR no recovery
drill sample	CONTACTS:
chemical analysis sample	— certain
sieve sample	- - - approximate
grab sample	uncertain

DREISBACH ENTERPRISES, INC.
 8410 AMELIA STREET
 OAKLAND, CALIFORNIA

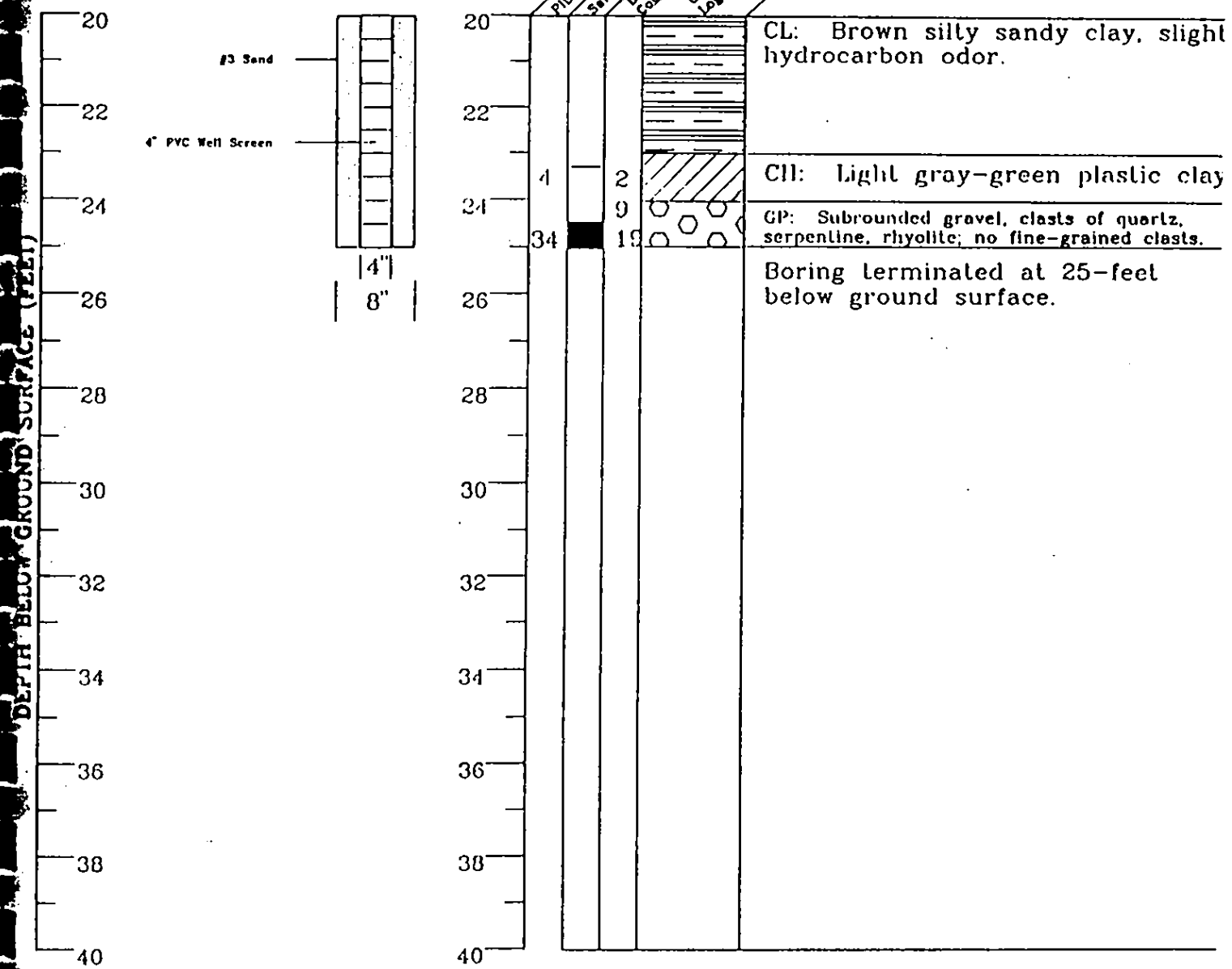
PROJECT #079-237-02A

DREISBACH ENTERPRISES, INC.
 36D BLUFF ROAD
 WATSONVILLE, CALIFORNIA

LOG OF SOIL BORING MW2 WITH WELL CONSTRUCTION DETAILS

WELL CONSTRUCTION DETAILS

SOIL DESCRIPTION



Logged by: D. Sadoff
 Inspector: Barney Chan
 Date(s): 12/2/93

Drilling Contractor: Hazinal West
 Drilling Method: Hollow Stem Auger
 Driller: Jeff, Darrell

Sanitary Seal/Backfill: Cement
 Sampler Type: Split Spoon
 Total Boring Depth: 25-Feet

**ENVIRONMENTAL
BIO-SYSTEMS, INC.**

EXPLANATION

water level during drilling	gradational
potentiometric water level	NR no recovery
drill sample	CONTACTS:
chemical analysis sample	— certain
sieve sample	---- approximate
grab sample	_____ uncertain

DREISBACH ENTERPRISES, INC
 8410 AMELIA STREET
 OAKLAND, CALIFORNIA

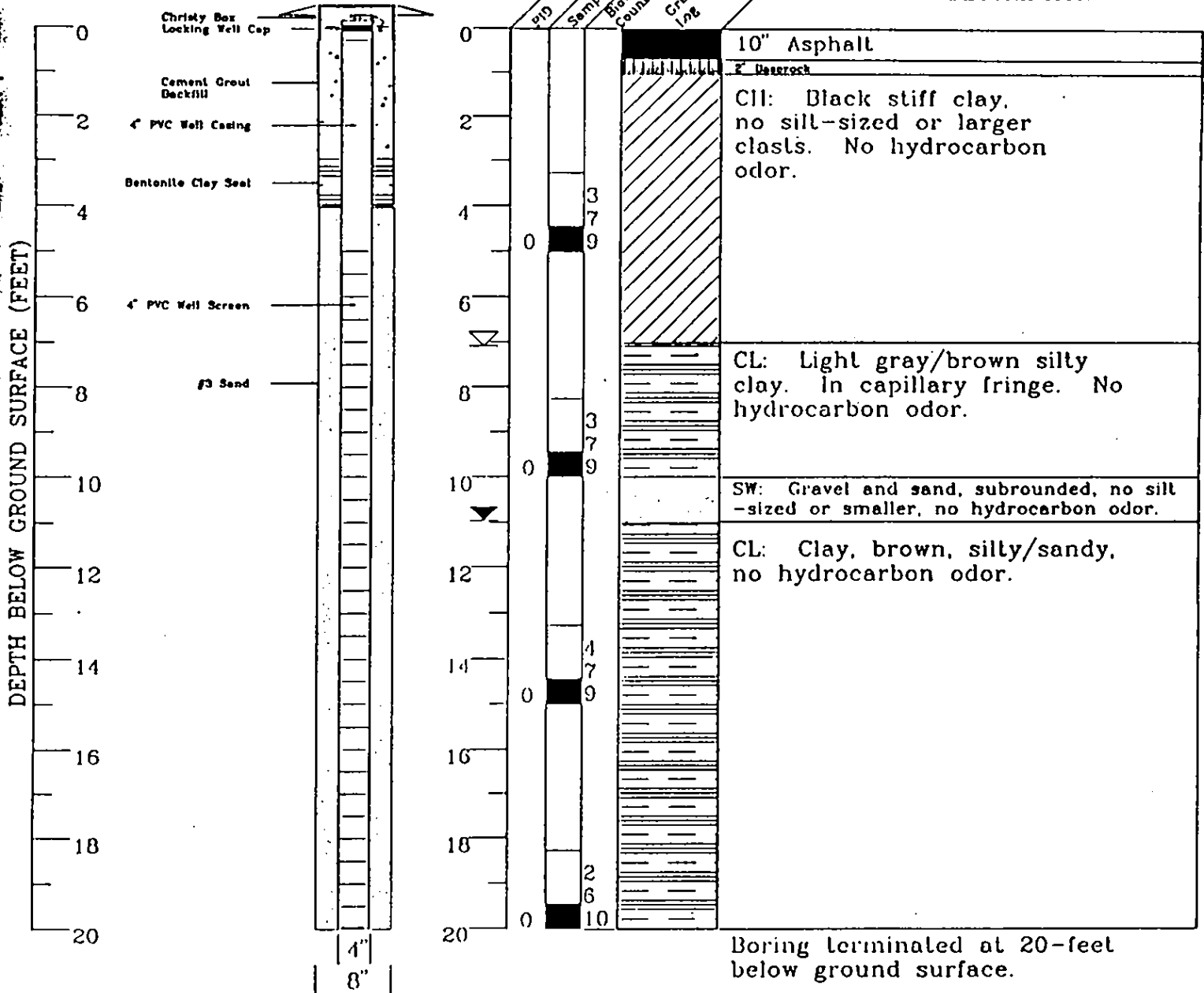
PROJECT #079-237-02A

DREISBACH ENTERPRISES, INC
 36D BLUFF ROAD
 WATSONVILLE, CALIFORNIA

LOG OF SOIL BORING MW3 WITH WELL CONSTRUCTION DETAILS

WELL CONSTRUCTION DETAILS

SOIL DESCRIPTION



Logged by: D. Sadoff Inspector: Barney Chan Date(s): 12/2/93	Drilling Contractor: Hazmat West Drilling Method: Hollow Stem Auger Driller: Jeff, Darrell	Sanitary Seal/Backfill: Cement Sampler Type: Split Spoon Total Boring Depth: 20-Feet
--	--	--



EXPLANATION

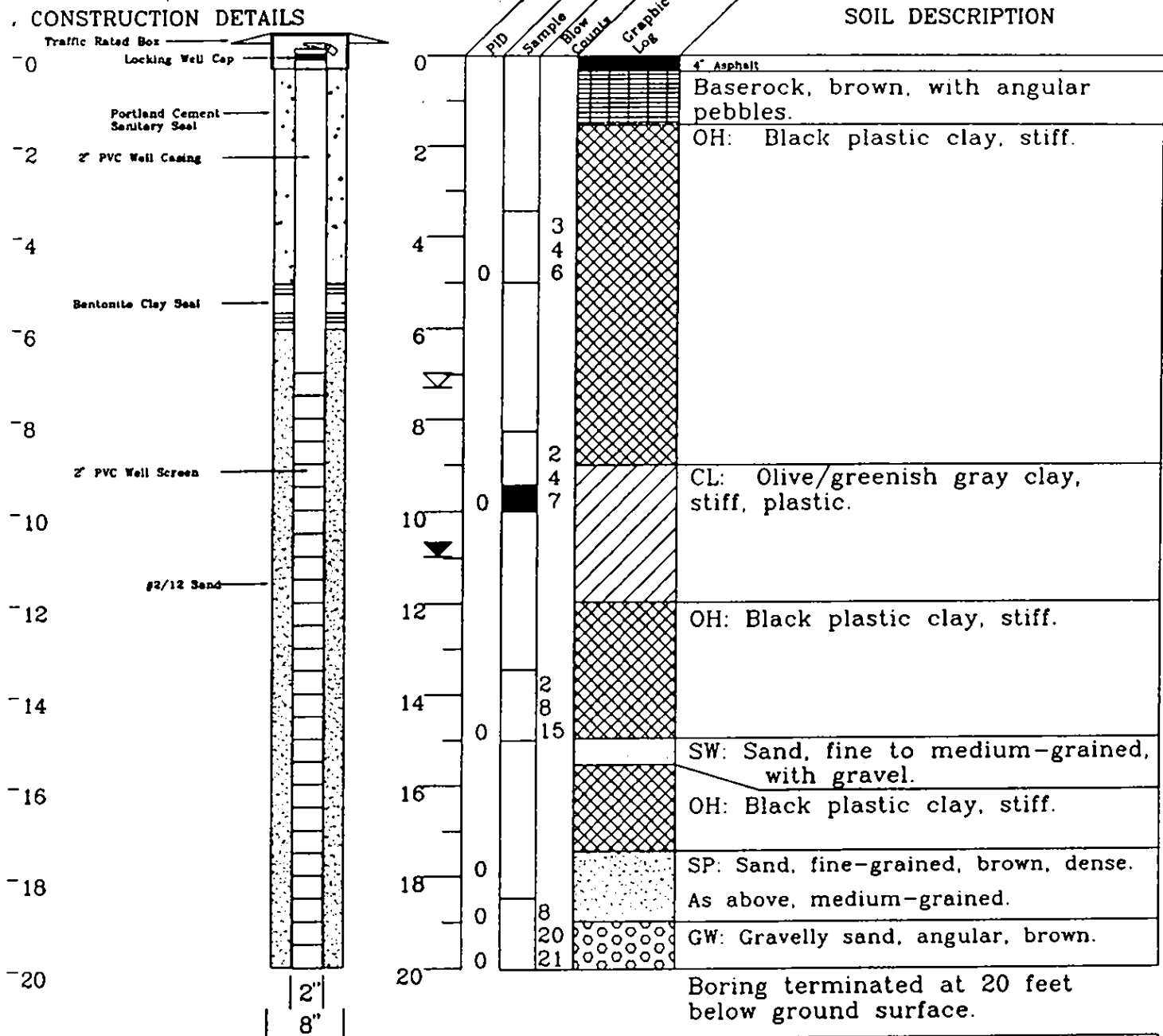
water level during drilling	gradational
potentiometric water level	NR no recovery
drill sample	CONTACTS:
chemical analysis sample	— certain
sieve sample	- - - approximate
grab sample	· · · uncertain

DREISBACH ENTERPRISES, INC.
 8410 AMELIA STREET
 OAKLAND, CALIFORNIA

PROJECT #079-237-02A

DREISBACH ENTERPRISES, INC.
 36D BLUFF ROAD
 WATSONVILLE, CALIFORNIA

LOG OF SOIL BORING MW4 WITH WELL CONSTRUCTION DETAILS



Designed by: D. Sadoff
 Director: Barney Chan
 Date: 2/29/96

Drilling Contractor: Bayland Drilling
 Drilling Method: Hollow Stem Auger
 Driller: Jon, John

Sanitary Seal/Backfill: Cement
 Sampler Type: Split Spoon
 Total Boring Depth: 20 Feet



EXPLANATION	
water level during drilling	gradational
potentiometric water level	NR no recovery
drill sample	CONTACTS:
chemical analysis sample	— certain
sieve sample	- - - approximate
grab sample	uncertain

DREISBACH ENTERPRISES, INC.
 8410 AMELIA STREET
 OAKLAND, CALIFORNIA

PROJECT #079-395A

DREISBACH ENTERPRISES, INC.
 36D BLUFF ROAD
 WATSONVILLE, CALIFORNIA

TABLE 1. CUMULATIVE GROUND WATER SAMPLE RESULTS

WELL	DATE	TPHg (mg/L)	benzene (µg/L)	toluene (µg/L)	ethyl- benzene (µg/L)	xylene (µg/L)	MTBE (µg/L)
MW1	4/2/97	2.4	960	10	7	ND	60
MW1	9/18/96	0.54	220	1	3.5	ND	14
MW1	3/11/96	1.4	360	4.1	12	2.1	--
MW1	10/3/94	1.4	430	4	34	14	--
MW1	6/30/94	0.8	160	4	29	27	--
MW1	3/18/94	1.1	430	9.3	17	18	--
MW1	12/8/93	0.2	52	ND	ND	ND	--
MW1	10/27/89	ND	ND	ND	ND	ND	--
MW1	7/20/89	0.18	7.2	ND	ND	5.7	--
MW1	5/26/89	ND	ND	ND	0.53	0.57	--
MW1	2/16/89	0.12	3.2	ND	2.4	17	--
MW1	11/28/88	0.13	8.2	0.6	ND	5.0	--
MW1	7/28/88	ND	0.6	ND	ND	ND	--
MW2	4/2/97	0.34	62	9	21	33	14
MW2	9/18/96	2.9	410	11	310	87	57
MW2	3/11/96	1.8	200	93	110	230	--
MW2	10/3/94	3.9	1,100	190	290	330	--
MW2	6/30/94	1.7	340	78	110	150	--
MW2	3/18/94	0.7	160	40	71	68	--
MW2	12/8/93	8.5	2,100	660	400	780	--
MW3	3/11/96	ND	3.0	1.6	1.6	3.9	--
MW3	10/3/94	ND	ND	ND	ND	ND	--
MW3	6/30/94	ND	ND	ND	ND	ND	--
MW3	3/18/94	ND	ND	ND	ND	ND	--
MW3	12/8/93	ND	ND	ND	ND	ND	--
MW4	4/2/97	ND	ND	ND	ND	ND	ND
MW4	12/17/96	ND	ND	ND	ND	ND	ND
MW4	9/18/96	ND	1.7	ND	1.4	ND	ND
MW4	3/11/96	ND	ND	ND	ND	ND	--

NOTES

ND: Analyte not detected above stated limits. mg/L: Milligrams per liter.
 TPHg: Total petroleum hydrocarbons as gasoline. µg/L: Micrograms per liter.
 MTBE: Methyl t-butyl ether
 --: Not Analyzed
 Results reported prior to 12/8/93 reported by Uriah.
 See laboratory reports for individual detection limits used.

Listing of all activities since 1991 for StID # 4340
as of 01/22/96

Act91_4
Act92_1
Act92_2
Act92_3
Act92_4
Act92_5

ActivDat	Insp	ACT	Activ	StID	ActCostf	acomment
10/01/92	BC	200	0.8	4340	\$35.11	transfer case to LOP
10/05/92	BC	200	0.4	4340	\$17.56	notification letter
10/26/92	BC	212	0.4	4340	\$17.56	conversation with A. Pelton and start letter
10/26/92	SH	215	0.5	4340	\$22.71	discuss case with BC
10/27/92	BC	215	0.7	4340	\$30.72	letter req WP addendum
10/27/92	SH	215	0.5	4340	\$22.71	discuss/ review case with BC
12/02/92	BC	215	0.3	4340	\$13.43	review 11-13-92 letter from Uriah to Mr. Pelton
Act93_1						
01/20/93	BC	212	0.2	4340	\$8.95	left message for J. Rapp of Uriah
02/16/93	BC	212	0.5	4340	\$22.38	conversation with J. Rapp, Uriah
02/18/93	BC	215	1.	4340	\$44.76	letter requesting work plan
03/18/93	BC	212	0.8	4340	\$35.81	conversation with T. Babcock and write letter
03/19/93	BC	212	0.2	4340	\$8.95	conversation with J. Rapp of Uriah
Act93_2						
04/21/93	BC	215	0.3	4340	\$13.43	file review for meeting
04/22/93	BC	212	1.4	4340	\$62.66	conversation and meeting with T. Babcock
04/26/93	BC	212	0.3	4340	\$13.43	conversation with T. Babcock of Env Biosystems
05/04/93	BC	215	0.8	4340	\$35.81	review work plan for monitoring well installations
05/05/93	BC	215	1.	4340	\$44.76	conditional approval letter for workplan
05/21/93	BC	212	0.2	4340	\$8.95	conversation with T. Babcock
Act93_3						
Act93_4						
10/01/93	BC	215	0.4	4340	\$18.09	conversation with T. Babcock
10/04/93	BC	215	0.8	4340	\$36.18	writing letter
10/05/93	BC	212	0.2	4340	\$9.05	conversation with T. Babcock
10/05/93	BC	212	0.3	4340	\$13.57	conversation with R. Tam, City of Oakland
11/30/93	BC	215	0.2	4340	\$9.05	review workplan for mw installation
12/30/93	BC	200	0.1	4340	\$4.52	update quarterly info
Act94_1						
Act94_2						
05/20/94	BC	215	0.5	4340	\$23.53	review Mar 9, 1994 report
05/23/94	BC	212	0.5	4340	\$23.53	conv with T. Babcock
05/23/94	BC	215	1.4	4340	\$65.89	conv with D. Sadoff and write letter
06/16/94	BC	215	1.	4340	\$47.07	site review and review 5/30/94 QMR
06/17/94	BC	215	1.	4340	\$47.07	complete site summary
Act94_3						
09/27/94	BC	212	0.5	4340	\$23.53	disc potential for NAA for site
Act94_4						
10/20/94	BC	215	0.8	4340	\$37.65	review 8/1/94 QMR and write letter
11/01/94	BC	212	0.4	4340	\$18.83	spoke with T. Babcock, Env Biosystems
11/02/94	TP	215	0.1	4340	\$6.06	sup. review map
11/17/94	BC	212	0.3	4340	\$14.12	spoke with R. Makdisi of Earth Tech, discuss Lincoln Prop report
12/15/94	BC	212	0.3	4340	\$14.12	spoke with T. Babcock of Env



DREISBACH
ENTERPRISES

Dedicated to Excellence

Corporate Office
P.O. Box 7509 • 2530 East Eleventh Street
Oakland, CA 94601
(510) 533-6800 • Fax (510) 534-2316

4390

Fax

To: BARNEY CHAN From: AL FELTON

Fax: _____ Pages: 9

Phone: _____ Date: 1/18/20

Re: _____ CC: _____

Urgent For Review Please Comment Please Reply Please Recycle

• Comments:

**ENVIRONMENTAL BIO-SYSTEMS, INC.**

Innovative Solutions for a Better Environment

Cont. Lic. # 687236

22 January 1998

Mr Al Pelton
Dreisbach Enterprises, Inc.
P.O. Box 7509
Oakland, CA 94601

**RE: EBS Project #079-485B, Well Destruction at 8410 Amelia Street, Oakland,
California**

Dear Mr. Pelton:

Environmental Bio-Systems, Inc. (EBS) provides this documentation of the destruction of ground water monitoring wells MW1, MW2, MW3, and MW4 at 8410 Amelia Street in Oakland, California (Figure 1 in Attachment A). The services described were performed according to the terms of proposal P97074B.

PROCEDURES

EBS procured Alameda County Public Works Agency (ACPWA) well destruction permit #98WR015 and City of Oakland Excavation Permit #X9800023 prior to the commencement of field work. Copies of these documents are included in Attachment B.

EBS oversaw the destruction of the wells by Gregg Drilling, Inc of Martinez, California (CS7 license #485165) on 20 January 1998. The wells were destroyed using the following methods:

1. An injection hose was inserted into the top of each well casing and secured in place with an expandable cap. Cement grout was then pumped through the injection hose, forcing grout into each well. An approximate pressure of 50 pounds per square inch was then maintained on the grout filled well for five minutes. The injection hose and

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22 January 1998

Dreisbach Enterprises, Inc.
Monitoring Well Destruction
8410 Amelia St., Oakland, California

Page 2

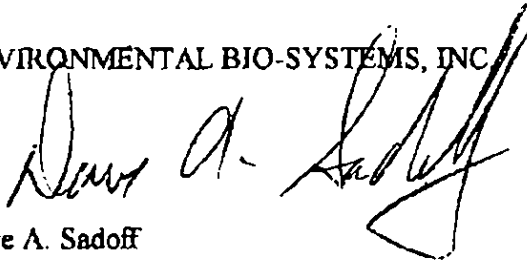
associated plumbing were subsequently removed from the well head, and the grout was allowed to set. Approximately 55 gallons of grout were pumped into well MW1, approximately 35 gallons into MW2, approximately 40 gallons into MW3, and approximately 15 gallons into MW4.

- 2. The well box was then removed. The resultant void was filled with concrete.

The methods used meet or exceeded ACPWA minimum requirements for well destruction, as well as DWR regulations contained in Bulletins 74-81 and 74-90

Sincerely,

ENVIRONMENTAL BIO-SYSTEMS, INC



Dave A. Sadoff
Project Geologist, R.G., R.E.A

DAS/
encl.

22 January 1998

Dreisbach Enterprises, Inc.
Monitoring Well Destruction
8410 Amelia St., Oakland, California

Appendix A

ATTACHMENT A

FIGURES

745 85th Avenue

Driveway

Storage Yard

MW3

Location of Former UST Excavation

MW1

MW2

MW2

MW4

8410

Amelia St.

Sidewalk

AMELIA STREET

Sidewalk

LEGEND

MW4 GROUND WATER MONITORING WELL.

CYCLONE FENCE

BUILDING

0 40 80

SCALE IN FEET



ENVIRONMENTAL BIO-SYSTEMS, INC.

DATE: 1/22/98
PROJECT#: 079-485B
SCALE: AS SHOWN

FIGURE 2: SITE MAP

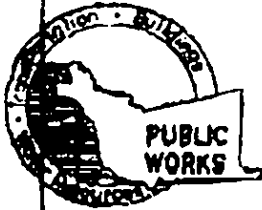
DREISBACH ENTERPRISES, INC.
8410 AMELIA STREET
OAKLAND, CALIFORNIA

22 January 1998

Dreisbach Enterprises, Inc.
Monitoring Well Destruction
8410 Amelia St , Oakland, California

Appendix B

ATTACHMENT B
ACPWA AND CITY OF OAKLAND PERMITS



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION

951 TURNER COURT, SUITE 300, HAYWARD, CA 94545-2651
PHONE (510) 870-5375 ANDREAS GODFREY FAX (510) 870-5265
(510) 870-5248 ALVIN KAN

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

FOR OFFICE USE

LOCATION OF PROJECT 8410 Amelia Street
Oakland, CA 94621

PERMIT NUMBER 98 WR 015
WELL NUMBER _____
APN _____

California Coordinate Source _____ N. Accuracy ± _____ ft.
IGN _____ ft. CCE _____ ft.
APN 42-4301-1-5

PERMIT CONDITIONS

Circle Permit Requirements Apply

CLIENT
Name Dreisbach Enterprises, Inc.
Address P.O. Box 7509 Phone 510-533-6600
City Oakland, CA Zip 94601

A. GENERAL

1. A permit application should be submitted so as to arrive at the ACPWA office five days prior to proposed starting date.
2. Submit to ACPWA within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

APPLICANT
Name Dave Sadoff
Address Env. Bio-Systems, Inc. Fax 510-429-9189
3097 Huntwood #100 Phone 510-429-9988
City Hayward, CA Zip 94544

B. WATER SUPPLY WELLS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.

TYPE OF PROJECT

Well Construction	<input type="checkbox"/>	Geotechnical Investigation	<input type="checkbox"/>
Cathodic Protection	<input type="checkbox"/>	General	<input type="checkbox"/>
Water Supply	<input type="checkbox"/>	Contamination	<input checked="" type="checkbox"/>
Monitoring	<input type="checkbox"/>	Well Destruction	<input checked="" type="checkbox"/>

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS

1. Minimum surface seal thickness is two inches of cement grout placed by tremie.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.

PROPOSED WATER SUPPLY WELL USE

New Domestic	<input type="checkbox"/>	Replacement Domestic	<input type="checkbox"/>
Municipal	<input type="checkbox"/>	Irrigation	<input type="checkbox"/>
Industrial	<input type="checkbox"/>	Other _____	<input type="checkbox"/>

D. GEOTECHNICAL

Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material in areas of known or suspected contamination, treated cement grout shall be used in place of compacted cuttings.

DRILLING METHOD:

Mud Rotary	<input type="checkbox"/>	Air Rotary	<input type="checkbox"/>	Auger	<input checked="" type="checkbox"/>
Cable	<input type="checkbox"/>	Other	<input type="checkbox"/>		

E. CATHODIC

Fill hole above anode zone with concrete placed by tremie.

DRILLER'S LICENSE NO. C57 #485165

F. WELL DESTRUCTION

See attached

WELL PROJECTS

Drill Hole Diameter	<u>10</u> in.	Maximum Depth	<u>29</u> ft
Casing Diameter	<u>4</u> in.	Number	<u>2</u>
Surface Seal Depth	_____ ft.		

G. SPECIAL CONDITIONS

GEOTECHNICAL PROJECTS

Number of Borings	_____	Maximum Depth	_____ ft
Hole Diameter	_____ in.		

ESTIMATED STARTING DATE 1/22/97
ESTIMATED COMPLETION DATE 1/22/97

APPROVED [Signature] DATE 1/15/97

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-08

APPLICANT'S SIGNATURE [Signature] DATE 12/31/97

2-05-1997 01:20PM FROM F

TO

94299199

P. 01



EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL
ENGINEERING

PAGE 2 of 2

PERMIT NUMBER 29800023		SITE ADDRESS-LOCATION 8410 Amelia Street, Oakland
APPROX START DATE 1/22/97	APPROX END DATE 1/22/97	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number) (510) 773-7351
CONTRACTOR'S LICENSE # AND CLASS C57 #485165 3135800		CITY BUSINESS TAX # 585033

NOTICE: State law requires that the contractor/owner call *Underground Service Alert (USA)* two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1 (800) 642-2444. **UNDERGROUND SERVICE ALERT (USA) #** 4540

48 hours prior to starting work, YOU MUST CALL (510) 238-3651 TO SCHEDULE AN INSPECTION.

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to erect, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License Law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the said exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professions Code). The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereon, (2) the work will be completed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two occasions during any three-year period. (Sec. 7044 Business and Professions Code).

as owner of the property, am exclusively contracting with licensed contractors to construct the project. (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law). I am exempt under Sec. _____, B&PC for this reason.

WORKER'S COMPENSATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

no. 1183454-97 Company Name: State Compensation Insurance Fund

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws and/or regulations (not required for work valued at one hundred dollars (\$100) or less).

NOTE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or that permit shall be deemed revoked. This permit is issued pursuant to all provisions of Chapter 9, Article 2 of the Oakland Municipal Code. It is granted on the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and agents, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property caused or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read and understand the requirements, and that the above information is true and correct under penalty of law.

[Signature] 1/18/97
Date

STREET LAST	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) <input type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY <i>[Signature]</i>	DATE ISSUED <u>1/18/97</u>		

ALAMEDA COUNTY
HEALTH CARE SERVICES

AGENCY

DAVID J. KIFARS, Agency Director



ENVIRONMENTAL HEALTH SERVICES

ENVIRONMENTAL PROTECTION (LOP)

1131 Harbor Bay Parkway, Suite 250

Alameda, CA 94502-6577

(510) 567-6700

FAX (510) 337-9335

December 3, 1997

StID # 4340

Mr. Ronald Dreisbach
P.O. Box 7509
Oakland CA 94601

Mr. Al Pelton
Dreisbach Enterprises
8410 Amelia St.
Oakland CA 94621

**Re: Closure of Monitoring Wells at Dreisbach Enterprises,
8410 Amelia St., Oakland CA 94621**

Dear Messrs. Dreisbach and Pelton:

This letter serves to inform you than our office has received Regional Water Quality Control Board (RWQCB) concurrence for site closure in regards to the underground fuel leak from the 6000 gallon gasoline tank at the above referenced site. Therefore, our office requests the proper closure of the four monitoring wells from this site.

Monitoring well closure information may be obtained from Alameda County Public Works by calling Mr. Andreas Godfrey at (510) 670-5575.

I may be reached at (510) 567-6765 if you have any questions.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

c: B. Chan, files

Mr. T. Babcock, Environmental Biosystems, Inc., 30997 Huntwood
Ave., Hayward, CA 94544

welcl8410



DREISBACH ENTERPRISES, INC.

RECEIVED
MAY 13 1997
FILE 1438

May 2, 1997

Mr. Barney M. Chan
Alameda County Health Care Services
Department of Environmental Health
1131 Harbor Bay Parkway #250
Alameda, CA. 94502-6577

Regarding: Ground Water Monitoring Report 8410 Amelia St., Oakland, CA.

Dear Mr. Chan:

Enclosed is a copy of the ground water sampling report dated April 24, 1997 and submitted to us by our consultant, Environmental Bio-Systems, Inc. The information contained within the report is true and accurate to the best of my knowledge.

Sincerely,

Allen E. Pelton, Jr.
Treasurer

AEP:jd

cc: Ronald T. Dreisbach
File

Enclosure: EBS Report #079-452A

ENVIRONMENTAL
PROTECTION
SYSTEMS - 6 P.O. Box 39

4/24/97



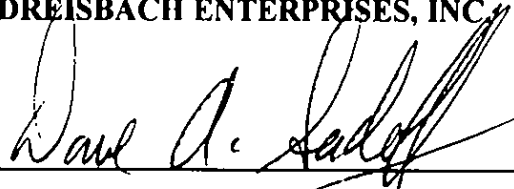
ENVIRONMENTAL BIO-SYSTEMS, INC.

Printed on recycled paper

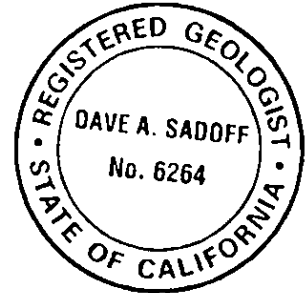
GROUND WATER
MONITORING REPORT
PROJECT #079-452A

8410 AMELIA STREET
OAKLAND, CALIFORNIA

PREPARED BY ENVIRONMENTAL BIO-SYSTEMS, INC.
FOR
DREISBACH ENTERPRISES, INC.



Dave A. Sadoff
Project Geologist, California R.G. No. 6264



24 April 1997

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TABLE 1.	CUMULATIVE GROUND WATER SAMPLE RESULTS
TABLE 2.	MEASUREMENTS OF PURGED WELL WATER
TABLE 3.	WELL ELEVATION DATA

APPENDICES

APPENDIX A.	FIGURES
	FIGURE 1. SITE LOCATION MAP
	FIGURE 2. SITE MAP
	FIGURE 3. GROUND WATER GRADIENT MAP
APPENDIX B.	GROUND WATER SAMPLING FIELD LOGS
APPENDIX C.	LABORATORY ANALYTICAL REPORTS AND CHAIN OF CUSTODY DOCUMENTATION



ENVIRONMENTAL BIO-SYSTEMS, INC.

Innovative Solutions for a Better Environment

Cont. Lic. # 687236

1. INTRODUCTION

Environmental Bio-Systems, Inc. (EBS) performed the ground water monitoring well sampling described within this report on behalf of Dreisbach Enterprises, Inc. (the Client). Work described in this report was performed according to a signed contract between EBS and the Client (EBS proposal #P96039).

The Site is located at 8410 Amelia Street in Oakland, California, and is currently owned by the Client. The principal project contacts are:

Client: Mr. Al Pelton, Dreisbach Enterprises, Inc., P.O. Box 7509, Oakland, CA 94601, (510) 533-1527.

Consultant: Mr. Dave A. Sadoff, Project Manager, Environmental Bio-Systems, Inc., 30997 Huntwood Avenue, Suite 106, Hayward, CA 94544, (510) 429-9988.

The discovery of gasoline impact during the removal of an underground storage tank (UST) from the Site in 1988 led to the installation of ground water monitoring well MW1 in that same year. Ground water monitoring wells MW2 and MW3 were installed in 1993 in response to elevated levels of gasoline constituents found in well MW1. Ground water monitoring well MW4 was installed on an adjacent, downgradient property in 1996.

The ground water sampling described within this report was performed at the direction of the Alameda County Health Care Services Agency (ACHCSA) as stated in their 8 July 1996 letter requesting evaluation of hydrocarbon impact to ground water at, and downgradient of, the Site.

2. SCOPE OF WORK

EBS was retained by the Client to perform the following tasks:

- Evaluate the presence or absence of free product within four ground water monitoring wells at the Site (designated MW1 through MW4).
- Measure ground water elevations within these wells.
- Collect and analyze a ground water sample from wells MW1, MW2, and MW4.
- Store purged well water on-site in labeled drums approved for this purpose.
- Evaluate the direction and gradient of ground water flow at the Site.
- Prepare this quarterly monitoring report.

3. SITE DESCRIPTION

The Site is located at 8410 Amelia Street in the City of Oakland, County of Alameda, California. A site location map is presented as Figure 1 in Appendix A. A site diagram showing the locations of monitoring wells and relevant site structures is included as Figure 2 in Appendix A.

The Site is located approximately 1/3-mile east of the east shore of the San Francisco Bay. It lies adjacent to a Union Pacific Railroad right of way. Light industrial and office buildings lie immediately to the east and west of the property. Ground water monitoring wells MW1 through MW3 are located in Amelia Street, well MW4 is located in an adjacent property at 745 85th Street.

3.1. Regional Geology and Hydrogeology

The Site is located in the East Bay Plain Area of the San Francisco Bay drainage basin. The flat, alluviated lowlands are bounded to the north by the San Pablo Bay, to the east by the Hayward Fault and the Coast Range foothills, and to the south and west by the San Francisco Bay. Older alluvium in the area consists of

Pliocene and Pleistocene clay, silt, sand, and gravel. These sediments were derived mainly from the hills to the east, and represent successive coalescing alluvial fans.

The subject Site is located within an area that has been geologically mapped as interfluvial basin deposits. These deposits typically consist of unconsolidated, plastic, moderately to poorly sorted, silt and clay rich in organic material.

The Site is situated above the San Leandro Cone hydrogeologic sub-area. It is believed that the San Leandro Cone sub-area contains geological units correlative to the San Lorenzo and Niles Cone sub-areas. These sub-areas consist of various sand and gravel strata within older alluvium. Three shallow (to 400 feet bgs) aquifers have been identified for the Niles Cone sub-area: the Newark, Centerville, and Fremont aquifers. Well yields range from a few tens of gallons per minute to over one thousand gallons per minute.

3.2. Site Geology

Soils logged during previous site drilling generally included stiff black plastic clay to an approximate depth of 9 feet bgs. This strata was underlain by an olive/greenish gray, stiff plastic clay to approximately 12 feet bgs. A stiff black plastic clay was encountered from 12 feet bgs extending to approximately 15 feet bgs. A 6-inch fine to medium-grained sand lens with gravel was encountered at this depth, beneath which another stiff black plastic clay was observed to a depth of 17.5 feet bgs. The interval between 17.5 and 20 feet bgs included a fine-grained sand, grading to a medium-grained sand (at approximately 18.5 feet bgs), which in turn graded into a gravelly sand from approximately 19 feet bgs to the deepest drilled depth (20 feet bgs).

Ground water was first encountered at approximately 11 feet bgs within the borings during drilling. Ground water was noted to rise within the wells subsequent to installation, indicating confined or semi-confined ground water conditions.

4. PREVIOUS ENVIRONMENTAL WORK

April 1988

Crosby & Overton Environmental Services, Inc. of Oakland, California excavated and disposed of one 6,000-gallon gasoline UST. A soil sample collected from below the northern end of the UST showed levels of total petroleum hydrocarbons as gasoline (TPHg) at concentrations exceeding the typically mandated clean up level at that time of 1,000 milligrams per kilogram (mg/kg). Elevated concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX) were also found.

2 May 1988

Subsurface exploration consisting of the drilling and sampling of 6 soil borings was performed by Uriah, Inc. of Livermore, California (Uriah). Levels of TPHg were found to exceed 100 mg/kg in soil samples from 3 of the borings. Elevated concentrations of benzene, toluene, ethylbenzene, and xylenes (BTEX) were also found in some of the analyzed soil samples.

30 June 1988

Ground water monitoring well MW1 was installed at the Site by Uriah. Sampling of soil collected from the reported soil/ground water interface in this boring showed TPHg at 1,100 mg/kg, as well as elevated concentrations of BTEX. Sampling of water from the well for TPHg and BTEX showed only benzene at 0.6 micrograms per liter ($\mu\text{g/L}$).

28 November 1988 through 27 October 1989

Quarterly well sampling by Uriah. See Table 1 for results of ground water sample analyses.

December 1993

EBS drilled and installed monitoring wells MW2 and MW3. Soil samples from the borings were analyzed for TPHg and BTEX. Analysis of soil from the sample collected from five feet below ground surface (bgs) in boring MW2 showed 1.1 mg/kg TPHg and 42 micrograms per kilogram ($\mu\text{g/kg}$) benzene. A soil sample collected from ten feet bgs in this boring contained 5.6 mg/kg TPH, 270 $\mu\text{g/kg}$ benzene, 20 $\mu\text{g/kg}$ toluene, 100 $\mu\text{g/kg}$ ethylbenzene, and 10 $\mu\text{g/kg}$ total xylenes.

Neither TPHg nor BTEX were found in either the five or ten foot bgs soil samples collected from boring MW3.

Ground water samples were subsequently collected from wells MW1, MW2, and MW3. These samples were analyzed for TPHg and BTEX. Water sampled from well MW1 was found to contain 0.2 mg/L TPHg and 52 µg/L benzene. Analysis of the water sample collected from well MW2 showed 8.5 mg/L TPHg, 2,100 µg/L benzene, 660 µg/L toluene, 780 µg/L ethylbenzene, and 400 µg/L total xylenes. The ground water sample collected from MW3 was not found to contain reportable concentrations of any of the target analytes.

1994

EBS continued quarterly monitoring of wells MW1, MW2 and MW3 through October 1994. The cumulative results of quarterly sample analyses performed subsequent to this date are summarized in Table 1.

February-March 1996

Ground water monitoring well MW4 was installed at 745 85th Street by EBS in February 1996. Ground water from all four site wells was subsequently sampled in March 1996. Results of all documented ground water sampling from all site wells are included in Table 1.

September 1996

EBS sampled site ground water monitoring wells MW1, MW2, and MW4. Results of this sampling event are included in Table 1.

December 1996

EBS sampled site ground water monitoring well MW4, and measured ground water elevations within all four site wells. Results of all previous reported ground water sampling at the Site is included in Table 1.

5. FIELD PROCEDURES

Monitoring wells MW1, MW2, MW3 and MW4 were gauged for depth on 2 April 1997; ground water samples from wells MW1, MW2 and MW4 were also collected on that date. Figure 2 (Appendix A) shows the locations of site features and ground water monitoring wells.

5.1. Monitoring Well Sampling

The depth to water and total depths of wells MW1 through MW4 were measured on 2 April 1997. The volumes of water contained within wells MW1, MW2 and MW4 was then calculated.

A transparent Teflon™ bailer was used to withdraw a sample of water from each of the wells prior to purging. Visual observations for light non aqueous phase liquids (LNAPLs) and/or a hydrocarbon sheen on the water column within the bailer were recorded on the sample collection logs. The presence of LNAPLs or hydrocarbon sheen were not found during our observations.

A volume of water not less than 4 well volumes was then purged from MW1, MW2 and MW4 using a stainless steel bailer. The pH, temperature, and conductivity of ground water were periodically recorded on field logs during purging. Table 2 lists these measurements. Appendix B contains copies of the field logs for wells MW1, MW2, and MW4.

The approximate volumes of water purged from wells MW1, MW2, and MW4 prior to sampling were 60, 48, and 8 gallons, respectively. All water evacuated from the wells was contained on-site in labeled, DOT approved 55 gallon drums pending disposal.

The water levels within the wells were allowed to recover at least 80% of initially measured depths prior to sampling. New disposable polyethylene bailers were used to collect ground water samples from each well. The samples were contained within 40 milliliter VOAs containing hydrochloric acid as a preservative. The

sample bottles were labeled, placed in a cooler on top of crushed ice, and transported to American Environmental Network (AEN) of Pleasant Hill, California under chain of custody.

5.2. Decontamination

The Teflon™ bailer used for visual observations, and the stainless steel bailer used for purging were cleaned before use at each well. Decontamination procedures included initial scrubbing with Alconox detergent solution (non-phosphate contributing), tap water rinse, and final rinse with distilled water. The disposable bailer used to collect the samples was discarded after a single use.

6. SAMPLE ANALYSIS AND RESULTS

6.1. Sample Analysis

The ground water samples were analyzed for TPHg by EPA Method 8015 (modified); and for BTEX and MTBE by EPA Method 8020. The results of water sample analyses have been summarized in Table 1. The chain of custody record and certified laboratory analytical reports are presented in Appendix C.

6.2. Sample Results

Ground water sample MW1 was found to contain 2.4 mg/L TPHg, 960 µg/L benzene, 10 µg/L toluene, 7 µg/L ethylbenzene, and 60 µg/L MTBE.

Ground water sample MW2 was found to contain 0.34 mg/L TPHg; 62, 9, 21, and 33 µg/L BTEX, respectively; and 14 µg/L MTBE.

Ground water sample MW4 was not found to contain reportable concentrations of any of the chosen analytes.

7. DIRECTION AND GRADIENT OF GROUND WATER FLOW

The top of well casing (TOC) of MW4 was surveyed relative to mean sea level elevation by Fremont Engineers, Inc. (FEI) of Fremont, California on 6 March 1996. Wells MW1, MW2, and MW3 had previously been surveyed by Geotopo of Oakland, California (Professional Licensed Land Surveyor #LS3300) on 14 December 1993. Surveying of well head elevations by FEI was conducted under the direction of Charles Ludwig, P.E. No. 31917.

The distance between the TOC and ground water was measured within the four site wells on 2 April 1997. This data was utilized to calculate the elevation of ground water relative to mean sea level within each well. Ground water flow direction and gradient were subsequently calculated. TOC and ground water elevations are tabulated in Table 2. Ground water flow direction and gradient beneath the Site was to the south/southwest and approximately 0.001 ft/ft, respectively, at the time of measurement. A ground water gradient map is included as Figure 3 in Appendix A.

8. CONCLUSIONS

1. Neither LNAPLs nor hydrocarbon sheen were visible in any ground water samples collected from the wells monitored during this sampling event.
2. Ground water samples collected from wells MW1, MW2 and MW4 were analyzed for TPHg, BTEX, and MTBE.
3. Ground water sample MW1 was found to contain 2.4 mg/L TPHg, 960 µg/L benzene, 10 µg/L toluene, 7 µg/L ethylbenzene, and 60 µg/L MTBE. Ground water sample MW2 was found to contain 0.34 mg/L TPHg, 62, 9, 21, and 33 µg/L BTEX, respectively; and 14 µg/L MTBE. Ground water sample MW4 was not found to contain reportable concentrations of any of the chosen analytes.

4. The direction and gradient of ground water flow were measured to the south/southwest and 0.002 ft/ft, respectively.

9. RECOMMENDATIONS

EBS recommends the following:

1. Based upon the accumulated data, gasoline impact to the site's ground water related to the Client's UST appears not to have significantly migrated beyond MW2. In consideration of the California Regional Water Quality Control Board's new draft fuel policies, the site appears to have adequate active remediation and characterization. Allowing natural attenuation processes to remediate, over time, the remaining small area of localized gasoline impact to ground water at the site appears to be an appropriate corrective action. The Client should request case closure from the ACHCSA.
2. A copy of this report should be submitted to the ACHCSA.

10. LIMITATIONS

The recommendations in this report were developed in accordance with generally accepted standards of current environmental practice in Northern California. These recommendations are time-dependent and should not be considered valid after a 1 year period from the issue of this report. After 1 year from the issue of this report, site conditions and recommendations contained within this report should be reviewed.

This study was performed solely for the purpose of evaluating environmental conditions of the Site subsurface relative to hydrocarbon impact at the subject site. No engineering or geotechnical references are implied or should be inferred.

Evaluation of the condition of the Site, for the purpose of this study, was made from a limited number of observation points. Subsurface conditions may deviate away from these points. Additional work, including further study of the subsurface, can reduce the inherent uncertainties associated with this type of work.

This study was performed, and the report was prepared for the sole use of our Client, Dreisbach Enterprises, Inc. This report and the findings contained herein shall not be disclosed to nor used by any other party without the prior written consent of Environmental Bio-Systems, Inc. It is the sole responsibility of the Client to convey these recommendations to City, County, and State regulatory agencies as appropriate.

The recommendations herein are professional opinions that our firm has endeavored to provide with competence and reasonable care. We are not able to eliminate the risks associated with environmental work. No guarantees or warrants, express or implied, are provided regarding our recommendations.

11. REFERENCES

Environmental Bio-Systems, Inc., 9 March 1994. Subsurface Soil and Ground Water Exploration, Project #079-237-01A.

Environmental Bio-Systems, Inc., 30 May 1994. Quarterly Ground Water Monitoring Report January to March 1994, Project #079-237-02A.

Environmental Bio-Systems, Inc., 1 August 1994. Quarterly Ground Water Monitoring Report April to June 1994, Project #079-237-02A.

Environmental Bio-Systems, Inc., 18 April 1996, Ground Water Monitoring Well MW4 Installation, Project #079-395A.

Environmental Bio-Systems, Inc., 22 October 1996, Quarterly Ground Water Monitoring Report, Project #079-426B.

Environmental Bio-Systems, Inc., 8 January 1997, Quarterly Ground Water Monitoring Report, Project #079-426-02B.

Helley, E.J. and K. R. Lajoie, 1979. "Flatland Deposits of the San Francisco Bay Region, California - their geology and engineering properties, and their importance to comprehensive planning". U.S. Geological Survey Professional Paper 943.

Hickenbottom, Kelvin, and Muir, Kenneth, 1988. "Geohydrology and Groundwater-Quality Overview of the East Bay Plain Area, Alameda County, California". Alameda County Flood Control and Water Conservation District Report 205(j).

United States Geological Survey (USGS), Topographic Map, San Leandro Quadrangle, 7.5-minute series with 20-foot contour intervals, 1959, photorevised 1980.

Uriah, Inc. Groundwater Monitoring Well Installation Report, 8410 Amelia Street, Oakland, CA, 30 June 1988.

Uriah, Inc. Quarterly Groundwater Monitoring Well Sampling Report, 8410 Amelia Street, Oakland, CA, 28 November 1988.

Uriah, Inc. Quarterly Groundwater Monitoring Well Sampling Report, 8410 Amelia Street, Oakland, CA, 16 February 1989.

Uriah, Inc. Quarterly Groundwater Monitoring Well Sampling Report, 8410 Amelia Street, Oakland, CA, 26 May 1989

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8410 Amelia Street
Oakland, CA

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Uriah, Inc. Quarterly Groundwater Monitoring Well Sampling Report, 8410 Amelia Street, Oakland, CA, 29 August 1989.

Uriah, Inc. Quarterly Groundwater Monitoring Well Sampling Report, 8410 Amelia Street, Oakland, CA, 5 December 1989.

TABLE 1. CUMULATIVE GROUND WATER SAMPLE RESULTS

WELL	DATE	TPHg (mg/L)	benzene (µg/L)	toluene (µg/L)	ethyl- benzene (µg/L)	xylene (µg/L)	MTBE (µg/L)
MW1	4/2/97	2.4	960	10	7	ND	60
MW1	9/18/96	0.54	220	1	3.5	ND	14
MW1	3/11/96	1.4	360	4.1	12	2.1	--
MW1	10/3/94	1.4	430	4	34	14	--
MW1	6/30/94	0.8	160	4	29	27	--
MW1	3/18/94	1.1	430	9.3	17	18	--
MW1	12/8/93	0.2	52	ND	ND	ND	--
MW1	10/27/89	ND	ND	ND	ND	ND	--
MW1	7/20/89	0.18	7.2	ND	ND	5.7	--
MW1	5/26/89	ND	ND	ND	0.53	0.57	--
MW1	2/16/89	0.12	3.2	ND	2.4	17	--
MW1	11/28/88	0.13	8.2	0.6	ND	5.0	--
MW1	7/28/88	ND	0.6	ND	ND	ND	--
MW2	4/2/97	0.34	62	9	21	33	14
MW2	9/18/96	2.9	410	11	310	87	57
MW2	3/11/96	1.8	200	93	110	230	--
MW2	10/3/94	3.9	1,100	190	290	330	--
MW2	6/30/94	1.7	340	78	110	150	--
MW2	3/18/94	0.7	160	40	71	68	--
MW2	12/8/93	8.5	2,100	660	400	780	--
MW3	3/11/96	ND	3.0	1.6	1.6	3.9	--
MW3	10/3/94	ND	ND	ND	ND	ND	--
MW3	6/30/94	ND	ND	ND	ND	ND	--
MW3	3/18/94	ND	ND	ND	ND	ND	--
MW3	12/8/93	ND	ND	ND	ND	ND	--
MW4	4/2/97	ND	ND	ND	ND	ND	ND
MW4	12/17/96	ND	ND	ND	ND	ND	ND
MW4	9/18/96	ND	1.7	ND	1.4	ND	ND
MW4	3/11/96	ND	ND	ND	ND	ND	--

NOTES

ND: Analyte not detected above stated limits. mg/L: Milligrams per liter.
 TPHg: Total petroleum hydrocarbons as gasoline. µg/L: Micrograms per liter.
 MTBE: Methyl t-butyl ether.
 -: Not Analyzed
 Results reported prior to 12/8/93 reported by Uriah
 See laboratory reports for individual detection limits used.

TABLE 2. MEASUREMENTS OF PURGED WELL WATER

WELL	VOLUME PURGED (gallons)	pH (Standard Units)	TEMPERATURE (Fahrenheit)	CONDUCTIVITY $\mu\text{mho} (\times 10^2)$
MW1	15	7.5	64.8	8.89
	30	7.3	65.8	8.70
	45	7.3	66.0	8.56
	60	7.3	66.1	8.54
MW2	12	7.6	66.0	8.61
	24	7.6	65.6	8.50
	36	7.6	65.3	8.37
	48	7.6	65.3	8.37
MW4	2	7.7	69.1	10.93
	4	7.6	67.2	7.98
	6	7.6	66.3	7.70
	8	7.6	66.1	7.69

TABLE 3: WELL ELEVATION DATA

WELL ID	DATE	DEPTH TO WATER (feet)	TOP OF CASING ELEVATION ¹ (feet)	GROUND WATER ELEVATION ¹ (feet)
MW1	4/2/97	6.28	12.62	6.34
" "	12/17/96	5.49 /	" "	7.13
" "	9/18/96	6.77	" "	5.85
" "	3/11/96	5.53	" "	7.10
" "	10/3/94	6.97	" "	5.66
" "	6/30/94	6.93	" "	5.70
" "	3/18/94	6.62	" "	6.01
" "	12/8/93	6.84	" "	5.79
MW2	4/2/97	6.51	12.79	6.28
" "	12/17/96	5.72	" "	7.07
" "	9/18/96	6.96	" "	5.83
" "	3/11/96	5.78	" "	7.01
" "	10/3/94	7.18	" "	5.61
" "	6/30/93	7.02	" "	5.77
" "	3/18/93	6.83	" "	5.96
" "	12/8/93	7.13	" "	5.66
MW3	4/2/97	6.45	12.75	6.30
" "	12/17/96	5.64	" "	7.11
" "	9/18/96	6.88	" "	5.87
" "	3/11/96	5.68	" "	7.07
" "	10/3/94	7.11	" "	5.64
" "	6/30/93	7.03	" "	5.72
" "	3/18/93	6.77	" "	5.98
" "	12/8/93	7.12	" "	5.63
MW4	4/2/97	7.99	14.26	6.27
" "	12/17/96	7.20	" "	7.06
" "	9/18/96	8.44	" "	5.82
" "	3/11/96	7.26	" "	7.00

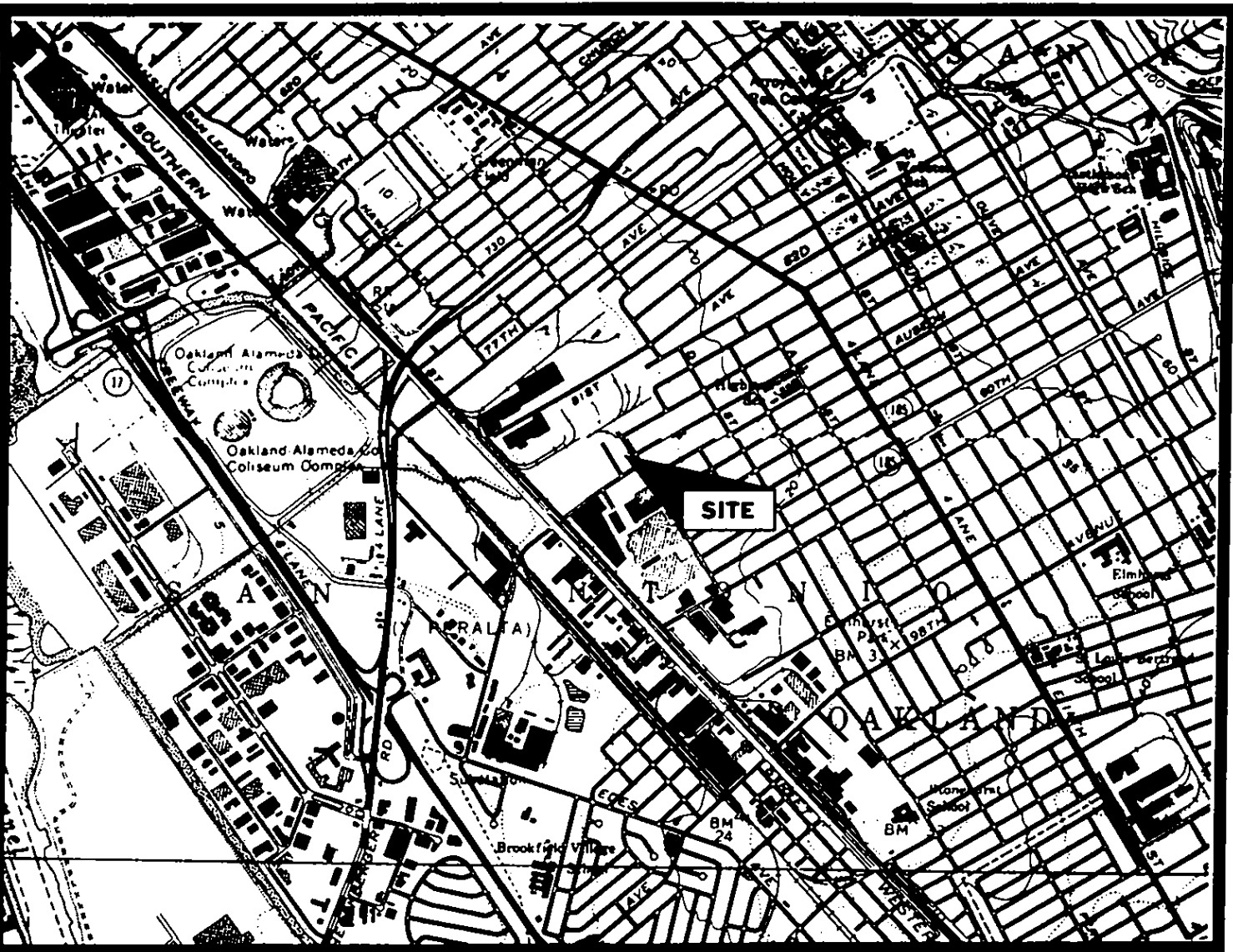
Notes:¹ Measured relative to mean sea level.

24 April 1997

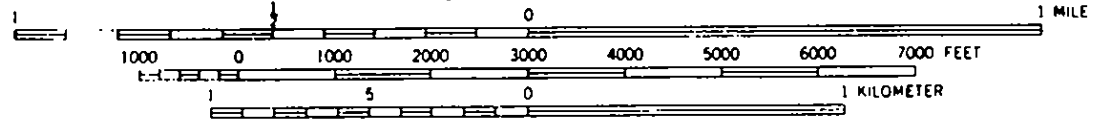
Dreisbach Enterprises, Inc.
8410 Amelia Street
Oakland, CA

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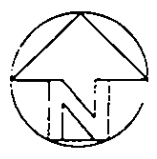
APPENDIX A
FIGURES



SCALE 1:24 000



CONTOUR INTERVAL 20 FEET
 DOTTED LINES REPRESENT 5-FOOT CONTOURS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 5 FEET



Source: USGS Oakland East and San Leandro, California 7.5 Minute Topographical Quadrangle Maps



DATE:
4/24/97

DRAWN BY:
BJN

SCALE:
1" = 2,000'

FIGURE 1:
SITE LOCATION MAP

DREISBACH ENTERPRISES, INC
8410 AMELIA STREET
OAKLAND, CALIFORNIA

745 85th Avenue

Driveway

Sidewalk

Sidewalk

Storage Yard

MW3

MW1

MW2





MW4

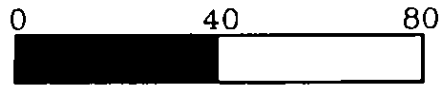
Location of Former UST Excavation

8410 Amelia St.

AMELIA STREET

LEGEND

- MW4  GROUND WATER MONITORING WELL
-  CYCLONE FENCE
-  BUILDING
- 



SCALE IN FEET



ENVIRONMENTAL BIO-SYSTEMS, INC.

DATE: 4/24/97

PROJECT#: 079-452A

SCALE: AS SHOWN

FIGURE 2: SITE MAP

DREISBACH ENTERPRISES, INC.
8410 AMELIA STREET
OAKLAND, CALIFORNIA

745 85th Avenue

Driveway

Sidewalk

Storage Yard

Location of Former UST Excavation

MW3
6.30'

MW1
6.34'

MW2
6.28'

MW4
6.27'

8410
Amelia St.

Sidewalk

Sidewalk

6.30'

6.35'

AMELIA STREET

LEGEND

MW1 GROUND WATER
6.34' MONITORING WELL
AND ELEVATION



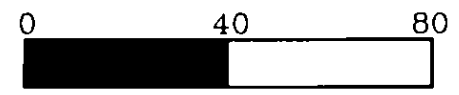
6.35'

EQUIPOTENTIAL GROUND
WATER SURFACE CONTOUR

CYCLONE FENCE



BUILDING



SCALE IN FEET



ENVIRONMENTAL
BIO-SYSTEMS, INC.

Date:
4/24/97

Project#:
079-452A

Scale:
As Shown

FIGURE 3: GROUND WATER
GRADIENT MAP (12/17/96)

DREISBACH ENTERPRISES, INC.
8410 AMELIA STREET
OAKLAND, CALIFORNIA

24 April 1997

Dreisbach Enterprises, Inc.
8410 Amelia Street
Oakland, CA

Page B

APPENDIX B:
GROUND WATER SAMPLE
COLLECTION LOGS

GROUND WATER SAMPLE COLLECTION LOG

SAMPLE NUMBER: MW1

Collected By: DAS

Project Name: Dreisbach

Project Number: 079-452A

Date: 04/02/97

Weather: very windy, sunny, 57° F

Purging Method: submersible pump

Sampling Method: disposable bailer

Casing Diameter: 4 inches Depth to Water: 6.28 feet
 Depth to Well Bottom: 29 feet Four Well Volumes: 60 gallons

Volume (Gallons)	Temperature (°F)	Conductance (10 ² μS/cm)	pH	Water Description	Time
15	64.8	8.89	7.5	clear	14:02
30	65.8	8.70	7.3	"	14:11
45	66.0	8.56	7.3	"	14:21
60	66.1	8.54	7.3	"	14:30

Free Product?: Y/N If Yes, Thickness: _____ inches
 Sheen?: Y/N
 Odor?: Y/N

Comments: _____

GROUND WATER SAMPLE COLLECTION LOG

SAMPLE NUMBER: MW2

Collected By: DAS

Project Name: Dreisbach

Project Number: 079-452A

Date: 04/02/97

Weather: very windy, sunny, 57° F

Purging Method: submersible pump

Sampling Method: disposable bailer

Casing Diameter: 4 inches Depth to Water: 6.51 feet

Depth to Well Bottom: 24.6 feet Four Well Volumes: 48 gallons

Volume (Gallons)	Temperature (°F)	Conductance (10 ² μS/cm)	pH	Water Description	Time
12	66.0	8.61	7.6	clear	13:32
24	65.6	8.50	7.6	"	13:39
36	65.3	8.37	7.6	"	13:48
48	65.3	8.37	7.6	"	14:00

Free Product?: Y N If Yes, Thickness: _____ inches

Sheen?: Y N

Odor?: Y N

Comments: _____

GROUND WATER SAMPLE COLLECTION LOG

SAMPLE NUMBER: MW4

Collected By: DAS

Project Name: Dreisbach

Project Number: 079-452A

Date: 04/02/97

Weather: very windy, sunny, 57° F

Purging Method: submersible pump

Sampling Method: disposable bailer

Casing Diameter: 2 inches Depth to Water: 7.99 feet

Depth to Well Bottom: 19.6 feet Four Well Volumes: 8 gallons

Volume (Gallons)	Temperature (°F)	Conductance (10 ² µS/cm)	pH	Water Description	Time
2	69.1	10.93	7.7	silty	13:25
4	67.2	7.98	7.6	cloudy	13:27
6	66.3	7.70	7.6	clear	13:28
8	66.1	7.69	7.6	"	13:30

Free Product?: Y/N If Yes, Thickness: _____ inches

Sheen?: Y/N

Odor?: Y/N

Comments: _____

24 April 1997

Dreisbach Enterprises, Inc.
8410 Amelia Street
Oakland, CA

Page C

APPENDIX C:
LABORATORY ANALYTICAL REPORTS
AND CHAIN OF CUSTODY DOCUMENTATION

American Environmental Network

Certificate of Analysis

DOHS Certification: 1172

AIHA Accreditation: 11134

PAGE 1

ENVIRONMENTAL BIO-SYSTEMS, INC
30997 HUNTWOOD AVE, STE. 106
HAYWARD, CA 94544

REPORT DATE: 04/15/97

DATE(S) SAMPLED: 04/02/97

DATE RECEIVED: 04/03/97

ATTN: DAVE A. SADOFF
CLIENT PROJ. ID: 079-426-038
CLIENT PROJ. NAME: DREISBACH

AEN WORK ORDER: 9704063

PROJECT SUMMARY:

On April 3, 1997, this laboratory received 3 water sample(s).

Client requested sample(s) be analyzed for chemical parameters. Results of analysis are summarized on the following page(s). Please see quality control report for a summary of QC data pertaining to this project.

Samples will be stored for 30 days after completion of analysis, then disposed of in accordance with State and Federal regulations. Samples may be archived by prior arrangement.

If you have any questions, please contact Client Services at (510) 930-9090.


Larry Klein
Laboratory Director

ENVIRONMENTAL BIO-SYSTEMS, INC

SAMPLE ID: MW1
AEN LAB NO: 9704063-01
AEN WORK ORDER: 9704063
CLIENT PROJ. ID: 079-426-03B

DATE SAMPLED: 04/02/97
DATE RECEIVED: 04/03/97
REPORT DATE: 04/15/97

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	960 *	3 ug/L		04/10/97
Toluene	108-88-3	10 *	3 ug/L		04/10/97
Ethylbenzene	100-41-4	7 *	3 ug/L		04/10/97
Xylenes, Total	1330-20-7	ND	10 ug/L		04/10/97
Purgeable HCs as Gasoline	5030/GCFID	2.4 *	0.3 mg/L		04/10/97
Methyl t-Butyl Ether	1634-04-4	60 *	5 ug/L		04/09/97

Reporting limits elevated due to high levels of target compounds. Sample run at dilution. MTBE included in gasoline result.

ND = Not detected at or above the reporting limit

* = Value at or above reporting limit

ENVIRONMENTAL BIO-SYSTEMS, INC

SAMPLE ID: MW2
AEN LAB NO: 9704063-02
AEN WORK ORDER: 9704063
CLIENT PROJ. ID: 079-426-038

DATE SAMPLED: 04/02/97
DATE RECEIVED: 04/03/97
REPORT DATE: 04/15/97

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	62 *	0.5	ug/L	04/10/97
Toluene	108-88-3	9.0 *	0.5	ug/L	04/10/97
Ethylbenzene	100-41-4	21 *	0.5	ug/L	04/10/97
Xylenes, Total	1330-20-7	33 *	2	ug/L	04/10/97
Purgeable HCs as Gasoline	5030/GCFID	0.34 *	0.05	mg/L	04/10/97
Methyl t-Butyl Ether	1634-04-4	14 *	5	ug/L	04/10/97

ND = Not detected at or above the reporting limit

* = Value at or above reporting limit

ENVIRONMENTAL BIO-SYSTEMS, INC

SAMPLE ID: MW4
AEN LAB NO: 9704063-03
AEN WORK ORDER: 9704063
CLIENT PROJ. ID: 079-426-03B

DATE SAMPLED: 04/02/97
DATE RECEIVED: 04/03/97
REPORT DATE: 04/15/97

ANALYTE	METHOD/ CAS#	RESULT	REPORTING LIMIT	UNITS	DATE ANALYZED
BTEX & Gasoline HCs	EPA 8020				
Benzene	71-43-2	ND	0.5	ug/L	04/10/97
Toluene	108-88-3	ND	0.5	ug/L	04/10/97
Ethylbenzene	100-41-4	ND	0.5	ug/L	04/10/97
Xylenes, Total	1330-20-7	ND	2	ug/L	04/10/97
Purgeable HCs as Gasoline	5030/GCFID	ND	0.05	mg/L	04/10/97
Methyl t-Butyl Ether	1634-04-4	ND	5	ug/L	04/10/97

ND = Not detected at or above the reporting limit

* = Value at or above reporting limit

AEN (CALIFORNIA)
QUALITY CONTROL REPORT

AEN JOB NUMBER: 9704063

CLIENT PROJECT ID: 079-426-03B

Quality Control Summary

All laboratory quality control parameters were found to be within established limits.

Definitions

Laboratory Control Sample (LCS)/Method Spike(s): Control samples of known composition. LCS and Method Spike data are used to validate batch analytical results.

Matrix Spike(s): Aliquot of a sample (aqueous or solid) with added quantities of specific compounds and subjected to the entire analytical procedure. Matrix spike and matrix spike duplicate QC data are advisory.

Method Blank: An analytical control consisting of all reagents, internal standards, and surrogate standards carried through the entire analytical process. Used to monitor laboratory background and reagent contamination.

Not Detected (ND): Not detected at or above the reporting limit.

Relative Percent Difference (RPD): An indication of method precision based on duplicate analysis.

Reporting Limit (RL): The lowest concentration routinely determined during laboratory operations. The RL is generally 1 to 10 times the Method Detection Limit (MDL). Reporting limits are matrix, method, and analyte dependent and take into account any dilutions performed as part of the analysis.

Surrogates: Organic compounds which are similar to analytes of interest in chemical behavior, but are not found in environmental samples. Surrogates are added to all blanks, calibration and check standards, samples, and spiked samples. Surrogate recovery is monitored as an indication of acceptable sample preparation and instrumental performance.

D: Surrogates diluted out.

#: Indicates result outside of established laboratory QC limits.

QUALITY CONTROL DATA

METHOD: EPA 8020, 5030 GCFID

AEN JOB NO: 9704063
 INSTRUMENT: H
 MATRIX: WATER

Surrogate Standard Recovery Summary

Date Analyzed	Client Id.	Lab Id.	Percent Recovery	
			Fluorobenzene	
04/10/97	MW1	01	110	
04/10/97	MW2	02	101	
04/10/97	MW4	03	117	
QC Limits:			70-130	

DATE ANALYZED: 04/07/97
 SAMPLE SPIKED: LCS
 INSTRUMENT: H

Laboratory Control Sample Recovery

Analyte	Spike Added (ug/L)	Percent Recovery	RPD	QC Limits	
				Percent Recovery	RPD
Benzene	19.8	101	2	80-127	20
Toluene	69.8	101	2	85-122	20
Hydrocarbon as Gasoline	500	106	2	85-125	20

Daily method blanks for all associated analytical runs showed no contamination at or above the reporting limit.

*** END OF REPORT ***

