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April 11, 2000
Project 6262.000.0

Mr. Hugh J. Murphy
City of Hayward Fire Department
777 B Street
Hayward, California 94541-5007

Subject: Phase I Environmental Assessment
Canterbury Residential Development and Hayward Area Recreation District
(HARD) Park Property
Hayward, California

Dear Mr. Murphy:

On behalf of the City of Hayward Fire Department and in accordance with our scope of work dated March 2000, Geomatrix Consultants, Inc. (Geomatrix) has prepared this Phase I Environmental Assessment (Phase I). The scope of the Phase I addresses approximately 17 acres in the City of Hayward, intersected by Olympic Avenue and Huntwood Avenue and composed of a residential development and a future park site.

Geomatrix appreciates this opportunity to provide environmental consulting services to the City of Hayward Fire Department. If you have any further questions, please contact either of the undersigned.

Sincerely yours,
GEOMATRIX CONSULTANTS, INC.

A handwritten signature in cursive script that reads "Ann M. Holbrow".

Ann M. Holbrow
Senior Scientist

A handwritten signature in cursive script that reads "Susan Gallardo".

Susan Gallardo, P.E.
Principal Engineer

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Enclosure

cc: Susan Hugo – Alameda County Health Care Services
Roger Brewer – California Regional Water Quality Control Board, S.F. Bay Region
Denise Tsuji - Department of Toxic Substances Control
Kim Brandt – LFR Levine*Fricke
Mark Beskind – SummerHill Homes



Phase I Environmental Site Assessment

Canterbury Residential Development and
Hayward Area Recreation Department Park
Hayward, California

Prepared for:

City of Hayward Fire Department
777 B Street
Hayward, California 94541-5007

Prepared by:

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Project No. 6262.000.0 I

Geomatrix Consultants

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PHASE I ENVIRONMENTAL SITE ASSESSMENT
Canterbury Residential Development and
Hayward Area Recreation Department Park
Hayward, California

1.0 INTRODUCTION

Geomatrix Consultants, Inc. (Geomatrix), has prepared this report on behalf of the City of Hayward to report key findings from a Phase I Environmental Site Assessment (ESA) of the Canterbury Residential Development (Canterbury Development; the site) located at Olympic and Taylor Avenue, Hayward, California (Figure 1). This ESA was conducted in general conformance with Geomatrix's proposal dated March 20, 2000 and the American Society for Testing and Materials (ASTM) Standard Practice E 1527-97.

1.1 PURPOSE

The purpose of this Phase I ESA was to compile data and identify, to the extent feasible, recognized environmental conditions at the subject site. The ASTM E 1527-97 Standard Practice defines a recognized environmental condition as: "the presence of or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property."

This definition eliminates from consideration a number of conditions that could fall under the general definition of "environmental" issues and focuses the Phase I ESA on known or potential releases of hazardous substances and petroleum products. In addition to this general limitation, specific conditions that were not considered to be within the scope of this assessment are identified in the next section.

1.2 LIMITATIONS AND EXCEPTIONS OF ASSESSMENT

This Phase I ESA describes only conditions present and apparent as of the performance date. Conditions occurring or becoming apparent at the property after the date of the site reconnaissance or the acquisition of background information must be considered beyond the scope of this assessment.

The following conditions are specifically identified as falling outside the ASTM definition of recognized environmental conditions described in Section 1.1 of this report, and are therefore beyond the scope of this Phase I ESA:

- archeology
- air quality
- asbestos
- drinking water quality
- endangered species
- faults and seismicity
- flood potential
- land use restrictions
- landslides
- microwave or radio frequency towers
- overhead high voltage
- radioactive materials or radon
- wetlands

The list of excluded conditions is not exhaustive, but identifies conditions that also may generate limitations or impairments to land use and may be considered in decisions about commercial real estate transactions.

1.3 LIMITING CONDITIONS AND METHODOLOGY USED

A site reconnaissance was performed to look for conspicuous visible environmental conditions. No environmental samples (soil, water, vegetation, etc.) were collected and no measurements were made of run-off, drainage, elevations, or other physical conditions.

Historical and current land use for the site and adjacent areas were evaluated using publicly available records. Potential sources of environmental impacts to the subject property may have been undetected due to the limited scope of a Phase I ESA, the inaccurate or incomplete public records, or the presence of unreported or unknown environmental incidents.

Methods used in this assessment are those recommended in ASTM 1527-97 and include:

- review of available and pertinent documentation;
- review of environmental/regulatory databases;
- review of historical land use via aerial photos, city directories and historical topographic maps;
- review of Sanborn fire insurance maps;
- interviews of personnel familiar with historical site operations;

- a site reconnaissance; and
- review of selected regulatory agency files.

2.0 SITE DESCRIPTION

The entire site occupies approximately 17 acres in the City of Hayward, Alameda County, California (Figure 1). It is located west and east of Olympic Avenue between Huntwood and Taylor Avenues in a residential, commercial and industrial area. The subject site is a relatively flat and improved with multiple residences under construction. Historical addresses associated with the site are 524, 550, 577, 590 and 670 Olympic Avenue, 695 Industrial Parkway (Park property), and 29215, 29335, 29363, 29367, and 29373 Taylor Avenue. These addresses and the site boundary are shown in Figure 2. With the exception of 695 Industrial Parkway, the site is owned and being developed for single-family residences by SummerHill Homes. The planned development is shown on Figure 3. The Hayward Area Recreation District (HARD) owns the approximately 4.5-acre portion of the site at 695 Industrial Parkway (the Park property). SummerHill Homes is in the process of acquiring 1.1 acres of the Park property for additional residential development and will develop the remaining 3.4 acres as a park on behalf of HARD.

2.1 CURRENT USES OF THE SITE

The site is currently being improved as single-family residences. At the time of this ESA, 89 homes were constructed; about one-third of the homes are occupied. Several concrete slabs for new homes were being laid and grading for new homes was on-going. The southern section of the site at 695 Industrial Parkway is vacant land with piles of wood chips and soil; this area was being graded.

2.2 GEOLOGY AND HYDROGEOLOGY

The site is located in the San Lorenzo Sub-area of the East Bay Plain portion of the San Francisco groundwater basin. According to Figuers, 1998, the site area is underlain by alluvial sediments that were deposited by streams flowing from the East Bay Hills (to the east / northeast of the site) to San Francisco Bay (to the west/southwest).

Basement is deep (700-1000 feet) and none of the continental units are exposed. The basement rocks that underlie the Quaternary deposits in the Hayward area apparently comprise Jurassic-Cretaceous (195 to 63 million years ago) Franciscan Complex rocks (Dibblee, 1980; Helley and others, 1979). The Franciscan Complex consists of a heterogeneous assemblage of deep-sea

sediments and related oceanic crustal rocks (Bailey and others, 1964). These rocks bear the imprint of tectonic subduction, a process in which an oceanic plate collides with and slides beneath a continental plate such as is occurring today off the west coast of South America, and off the Northern California, Oregon, and Washington coasts. As a result of the subduction processes, the Franciscan Complex is now highly disrupted, much of it having been reduced to a tectonic "paste" called melange. Then Franciscan Complex consists predominantly of graywacke sandstone and interbedded shale, with lesser amounts of submarine basalt (greenstone), chert, serpentinite, and rare high-pressure metamorphic rocks known collectively as blueschist.

As the stream channels migrated across the active alluvial fans and plains, the coarsest sands and gravels spread laterally. Finer grained sand, silt, and clay were deposited between the active channels. These processes produced a complexly interbedded sequence of inter-fingering gravel, sand, silt, and clay. Because the San Lorenzo Sub-area was fed by relatively small streams, the sediments are generally fine grained, and coarse-grained water-bearing units are expected to be smaller, scattered and disconnected.

Prior to grading at the site TERRASEARCH, inc. (Terrasearch) described site soil conditions at 670 Olympic Avenue as consisting of (Terrasearch, 1998):

"6 to 7 feet of black to dark olive green gravelly silty clay to clayey gravel that was underlain by sandy clay to approximately 9 to 13 feet below ground surface (bgs). Beneath the sandy clay layer, a saturated silty sand to clayey sand layer was encountered that extended to approximately 12 to 18 feet bgs, and was underlain by a silty clay unit."

During investigation activities along Olympic Avenue prior to grading, Terrasearch (1999b) described soil conditions as consisting of:

"2.5 feet of dark brown sandy silt with gravel (fill) underlain by light grayish brown silty clay with thin layers of fine silty sand to the total depth (11.5 feet bgs)."

During site investigation activities in the street following grading activities, ACC Consultants (2000) described soil conditions as:

"underlain by a layer of compacted gravel road base approximately 2.5 to 3.5 feet thick. Below the road base fill material, soils consisted primarily of silty clay and clay with

gravel to a depth of approximately 9 to 11 feet bgs. The clays ranged in color from yellow brown to brown to olive green to dark gray. Below the silty clay and clay, ACC encountered native clays, silty clays, and sandy silts to 16 feet bgs.”

Based on these previous investigation results, depth to groundwater is approximately 7 to 15.5 feet below ground surface (bgs). Groundwater flow direction is reportedly to the southeast towards Alameda Creek, which lies approximately 1,150 feet to the southeast.

2.3 WATER WELLS

The database search report provided by Environmental Data Resources, Inc. (EDR), of Southport, Connecticut, does not identify the presence of public supply wells within one mile. However, the report identifies a permitted well located north of the site and slightly north of Folsom Avenue based on the EDR map (upgradient; Appendix A). Terrasearch identified this well as being drilled to approximately 40 feet on one of the residential properties on Taylor Avenue, based on a conversation with Mr. Andreas Godfrey of Alameda County Public Works Agency (Terrasearch, 1998). Geomatrix contacted Department of Health Services regarding the well in their database, but the wells they had listed did not correspond to the location on the EDR Report. In addition, a monitoring well was installed at the Park site as discussed in Section 4.6.2.2.

According to Mr. Hugh Murphy of the Hayward Fire Department, the City does not use groundwater as a drinking water supply.

2.4 TOPOGRAPHY

According to United States Geological Survey (USGS) 15' 1959 Series Topographic Map, Hayward, CA, the site is approximately 15 feet above mean sea level. The site is generally flat with the exception of new construction, grading, and landscaped areas.

3.0 SITE RECONNAISSANCE

On March 16, 2000 and April 6, 2000, Geomatrix staff visited the subject site and conducted a drive-by of the site vicinity to observe adjacent businesses. Observations are presented in this section and a plan showing the site and immediately adjacent properties is presented on Figure 2. Photographs taken during the site reconnaissances are included in Appendix B.

3.1 OBSERVATIONS AND CONDITIONS ON SITE

The site is improved with single family homes. At the time of the site visit, multiple homes were being constructed and landscaped. Sections of the subject property without homes were being graded for future construction. The southern section of the site (the Park property) is vacant land and currently being graded. Construction equipment and construction materials were noted on site. Debris (e.g., soil and wood chips) was observed being removed during the site visit on April 6.

No areas of staining or spills were observed. No features of potential environmental concern were observed during the site visit.

3.2 OBSERVATIONS AND CONDITIONS ADJACENT TO THE SITE

The property in the surrounding area is primarily residential and industrial/commercial. The subject property is bounded by Taylor Avenue on the northeast and Huntwood Avenue on the southwest. Generally, residential developments are located to the west, east and north of the subject property. Toomey Trucking is located adjacent to the site; it is immediately west of Olympic Avenue and south of Holyoke Avenue (a new street in the Canterbury Development). An auto body shop with multiple suites is located adjacent to the southeastern portion of the site, at 727 Industrial Parkway. In addition, another automotive repair facility is located adjacent to the east of the Park property. Further southeast across Industrial Parkway and Alameda Creek (1150 feet southeast of the site) is a large commercial/industrial park. Further southwest across Huntwood Avenue are multiple auto and camper (RV) repair shops with associated parking areas.

4.0 PAST USES OF THE SUBJECT PROPERTY

Past uses of the subject site were assessed by reviewing aerial photographs, Polk City Directories, historic topographic maps, and previous reports. In addition, interviews were conducted with persons regarding their knowledge of historical operations at the property. Based on this review, a description of past site use and activities is presented in this section.

4.1 REVIEW OF HISTORICAL AERIAL PHOTOGRAPHS

Geomatrix reviewed aerial photographs of the site and vicinity for the years 1947, 1957, and 1966 at Pacific Aerial Surveys (Pacific Aerial) of Oakland, California. In addition, Geomatrix reviewed three historical aerial photographs of the site area from 1976, 1985, and 1997

provided by The City of Hayward. A summary of the conditions observed on the referenced prints is presented below.

1947 Aerial Photograph

Portions of the site are vacant land, agricultural, or land improved with multiple buildings. There is a building on the northern most corner of the subject site at the intersection of Folsom Avenue and Taylor Avenue (near 29215 Taylor Avenue). There is a building on the southeastern portion of the site on Industrial Parkway (south of the Park property). Properties to the north of the site include vacant land, agricultural areas, and buildings. Properties to the west include farmland improved with farmhouses. East of the site is farmland, vacant land, and buildings. Property to the south also contains agricultural areas, vacant land, and buildings.

1957 Aerial Photograph

The site is improved with multiple residences (at the Taylor Avenue addresses and 577 Olympic Avenue), vacant land (the Park property and 577 Olympic Avenue), or agricultural areas (Taylor Avenue addresses). Although the Park property is primarily vacant land, some development appears on the northeast and southeast boundaries. In addition the site is improved with five long rectangle buildings along Olympic Avenue (590 Olympic Avenue). Properties to the north include multiple buildings and vacant land. Properties to the west include farmland improved with buildings. Properties adjacent to the southeast are improved with buildings and further east is vacant land. Land to the south is improved with multiple buildings, agricultural areas, or vacant land.

1966 Aerial Photograph

The site appears similar to the 1957 aerial photograph. Three of the five long rectangle buildings along Olympic Avenue are gone. Properties to the north include multiple buildings and vacant land. Properties to the west and east include additional buildings. Vacant land and farmland are still present across Industrial Parkway to the east. Property to the south is improved with additional buildings, agricultural areas, or vacant land.

1976 Aerial Photograph

At this time Olympic Avenue continues south of Taylor Avenue. The subject site is improved with multiple residences (Taylor Avenue addresses, Park property and 577 Olympic Avenue), a building subsequently identified as an automotive shop (670 Olympic Avenue) and vacant land (Park property, 590 Olympic and 570 Olympic). All five long rectangle buildings identified in

the 1957 aerial photograph are no longer on site; the main buildings associated with the long rectangular buildings are still on site (570 Olympic Avenue). In addition, rectangular containers are present at 577 Olympic Avenue. Properties to the north include residences and vacant land. Properties to the west include the trucking facility (687 Olympic Avenue), vehicle parking across Huntwood Avenue, and apparent industrial facilities southwest of the Park property. The property to the southwest of the Park property (727 Industrial Parkway), has a large warehouse, above ground storage tanks, storage tanks with associated elevators, truck parking, and unknown piles of material. Properties to the east include residences and vacant land. Properties to the south across Industrial Parkway include vacant land.

1985 Aerial Photograph

At this time, Huntwood Avenue is completed through to Industrial Parkway. The subject site is improved with multiple residences as observed in the 1976 aerial photograph and a building later identified as an automotive shop at 590 Olympic Avenue. In addition, large sections of the subject site are being used for recreational vehicle (RV) or truck trailer parking (577 Olympic and 590 Olympic). The Park property has a residential building, and apparent sheds; vehicles also are present on the Park property. The property to the south across Industrial parkway includes large industrial/commercial buildings. Properties to the north include residences and vacant land and long warehouse-type buildings. Properties to the west include the trucking facility (687 Olympic Avenue), a residential development, and vacant land. The property to the southwest of the Park property (727 Industrial Parkway), has a large warehouse, above ground storage tanks, storage tanks with associated elevators, truck parking, and unknown piles of material; operations/parking extends onto 670 Olympic Avenue. Properties to the east include residences and vacant land.

1997 Aerial Photograph

The residence and sheds on the Park property no longer exist. A concrete pad is apparent west of the building at 590 Olympic Avenue. Higher density parking is apparent on all parcels where parking occurred in 1985. There are no other significant changes on the site from the 1985 aerial photograph. Properties to the south across Industrial parkway remain the same. Properties to the north remain the same. Properties to the west include the trucking facility (687 Olympic Avenue), a residential development, rectangular industrial buildings with associated parking/storage, and a large car lot. The property to the southwest of the site (727 Industrial Parkway) has a large warehouse, paved parking, and a structure (now used for automotive services). Properties to the east include residences and vacant land.

4.2 REVIEW OF SANBORN FIRE INSURANCE MAPS

Geomatrix retained EDR to identify and supply Sanborn maps of the site. According to EDR, there is no Sanborn map coverage for the subject site.

4.3 INTERVIEWS

Geomatrix interviewed Dennis Belrose, Construction Inspector of the City of Hayward on March 21, 2000. According to Mr. Belrose, McDonald Construction formerly owned the property located at 727 Industrial Parkway (adjacent to the south of the subject property) and a portion of 670 Olympic Avenue (the subject site). McDonald Construction was a general contractor. McDonald would mix oil, diesel and tar to spray on road base prior to the asphalt being laid. According to Mr. Belrose, McDonald Construction stored, mixed, and used diesel, oil, and tar ("road oil") on site. McDonald Construction would purchase asphalt from other companies and did not manufacture asphalt on site. Mr. Belrose further indicated that the trucks would return to the site to clean out the remaining asphalt; the waste generated from this cleaning process would be disposed of on site. Reportedly, the on-site waste piles would be bulldozed and hauled away occasionally. The remaining "road oil" was returned to a tank on site to be kept warm. Large scales were present to determine how much road oil was used for accounting purposes. In addition, Mr. Belrose reported that the trucks were serviced on site, and the used oil was generally poured directly onto the unpaved surface.

Mr. Belrose reported that the building on the southern portion of the 727 Industrial Parkway site that is now used by multiple auto body shops previously was used for storing feed, grain and building materials. In addition Mr. Belrose stated that the properties along Olympic Avenue acted as multiple large storage/parking lots for RVs.

On March 22, 2000, Geomatrix interviewed Bill Toomey, Sr. of Toomey Trucking located at 687 Olympic Avenue. Mr. Toomey stated that he was familiar with the site prior to locating his business at 687 Olympic Avenue in 1987. According to Mr. Toomey, the property located at 670 Olympic and 727 Industrial Parkway was owned and operated by Close Building Materials (CBM). CBM's main business was asphalt tar spraying. CBM had a tank on site that was heated to keep the tar warm. In addition, there were gasoline and diesel underground storage tanks (USTs) on site for refueling of trucks; Mr. Toomey reported that the USTs were removed almost 12 years ago. On the northern part of the 670 Olympic Avenue lot there were occasional piles of asphalt that had been removed from the trucks.

In addition, Mr. Toomey stated that his trucking company transported about 40 truckloads of soil off the subject site in 1999 (when SummerHill Homes was grading the site) to Forward Landfill in Manteca, CA (based on a review of manifests). According to Mr. Toomey, SummerHill Homes had scrapped the 670 Olympic Avenue lot to 9 feet below grade over most of the parcel

Mr. Toomey stated that a 10,000 gallon UST located on his property (687 Olympic Avenue) was removed by Eager Beaver Trucking, the former owner prior to Mr. Toomey's of the property in 1987. Mr. Toomey believes that there are no USTs currently located on his property purchase.

4.4 HISTORICAL CITY DIRECTORIES

Geomatrix reviewed historic Polk City Directories for the years 1948, 1953, 1956-1957, 1959, 1965, 1970 and 1976 at the main Hayward City Library. Historic city directories list the owners or the name of the business located at the address searched. The results of this search are summarized in Table 1. With the exception of 687 Olympic Avenue, 590 Olympic Avenue, 727 Industrial Parkway, and 29215 Taylor Avenue, all property owners listed were individuals. Ross Transportation Trucking owned 687 Olympic Avenue in 1965 followed by Eager Beaver Trucking in 1970 and 1975. Crown S Ranch owned 590 Olympic Avenue in 1969. Close Building Materials/McDonald Constructors Company owned 727 Industrial Parkway from at least 1967 to 1976. Also from 1970 to 1973, Fresh Pak Products Company also occupied this address and in 1976 Quality Packaging Company. From 1959 to 1976, Nitabell Rabbitry Breeders occupied 29215 Taylor Avenue.

4.5 HISTORICAL TOPOGRAPHIC MAP

Geomatrix reviewed the USGS 15' Hayward, CA topographic map produced in 1959. Several small buildings were identified along Taylor and Olympic Avenues. These buildings are suspected to be residences and the Eager Beaver Trucking Co. that were identified in Historic Polk City Directories.

4.6 PREVIOUS REPORTS

4.6.1 Phase I Assessments

Geomatrix reviewed a previous Phase I report for the subject site (excluding the Park property) by Terrasearch for SummerHill Homes completed on October 24, 1997. We also reviewed a Phase I report for 695 Industrial Parkway (the Park property) by Certified Engineering &

Testing Company (CERTIFIED) for HARD completed on April 25, 1991. A summary of the information in these reports is presented below.

4.6.1.1 SummerHill Homes Properties

Terrasearch's observations during an October 14, 1997 site visit included the following:

On-Site Properties

- "524 and 550 Olympic Avenue were residences that were situated on elongated parcels that contained debris piles, automobiles, and sheds that appeared to contain household items (Paint, tools, etc.). 577 Olympic Avenue consisted of a residence situated in-front of a large RV/automobile parking area. The Parking area was observed to have light hydrocarbon staining on the pavement;
- Similarly, 590 Olympic Avenue consisted of a residence with an attached garage that was situated in-front of a larger RV/automobile parking area, and many oil stains were observed on this parking area;
- 670 Olympic Avenue consisted of a commercial/light industrial building with five suites. Three suites were used as automobile repair shops, and the other two suites were used as storage areas for automobiles. The automobile repair shops serviced both automobiles and trucks, including brakes, transmissions, engines, etc. Extensive hydrocarbon/solvent staining was observed on the concrete floors, and approximately 30-40 gallons of waste-oil was observed being stored within DDM Enterprises (in one 55-gallon drum and various 5-gallon buckets). The concrete floors appeared to be cracked in the areas that were stained. In addition, various automobiles and trucks were being stored on the site;
- 29335, 29363, 29367, and 29373 Taylor Avenue consisted of older dilapidated residences, situated on elongated parcels with minor agricultural land-usage. Trash, wood, dirt-piles, and other household debris were strewn in front and behind these residences. These residences appeared to have curled, flaking paint, which indicates lead based paint (LBP)"

Off-Site Properties

- "687 Olympic Avenue consisted of Bill Toomey Trucking, an 18-wheel truck repair and service shop. This site consisted of a trucker's restroom, service garage, and paved parking area. There appeared to be a service cap for an apparent underground storage tank (UST) near the southwestern corner of the service garage; however, Mr. Bill Toomey (the property owner) stated "he had no knowledge of an UST on his property." Various 55-gallon drums were observed on this site, and the garage floor appeared to be stained with hydrocarbons and/or solvents."

Terrasearch's report does not indicate that the property at 29215 Taylor Avenue was visited. Based on visual evidence, Terrasearch indicated no wells were observed at any of the subject addresses listed above.

Terrasearch concluded that further environmental assessment was required to:

- Perform lead-based paint and asbestos surveys of structures (these structures are no longer present),
- Conduct an environmental assessment at 670 Olympic Avenue to further evaluate lateral/vertical extent of petroleum hydrocarbons, solvents, and metals (see Section 4.6.2.1), and
- Collect surface soil samples to evaluate pesticides and herbicides related to prior row-crop farming (see Section 4.3.2.1).

4.6.1.2 *HARD Park Property*

CERTIFIED reported the property as being 4.55 acres of vacant land, zoned I, for industrial utilization. During the site visit, parking for cars and trucks was noted. According to CERTIFIED, the site was never improved with structures. This is contradicted by aerial photographs. The site was utilized for agricultural purposes from 1947 through the early 1960's and CERTIFIED noted some grading activities on the 1988 aerial photograph. CERTIFIED recommended a subsurface investigation necessary because of 55-gallon drums and engine parts located on the adjacent property (727 Industrial Parkway), and possible contamination from the upgradient Duncan & Sons leaking underground storage tank (LUST) listing (0.4 miles northeast of the site).

4.6.2 *Previous Site Investigations*

4.6.2.1 *SummerHill Homes Properties*

This summary of previous investigations at the Canterbury Residential Development is based on information provided by Terrasearch in their report titled "Summary of Environmental Activity Report at Canterbury Residential Development" (March 2000). A summary of analyses conducted during each sampling event is provided in Table 2; sample locations are shown on Figure 4. With the exception of samples collected by the City of Hayward's consultant (ACC Environmental Consultants [ACC]) in March 2000, samples were collected prior to or during grading activities at the site. The timeline, rationale, and sampling activities were as follows:

- In February 1998 following the Phase I conducted by Terrasearch, six surface locations (1 to 6) and four boring locations (B1 to B4) were sampled. Borings were drilled from 13 to 35 feet bgs; groundwater was encountered at 9 to 15.5 feet bgs. Ten soil and four grab groundwater samples were collected from the boring locations. One sample was collected from each of the surface locations.
- A 550-gallon underground storage tank (UST), consisting of a concrete vault and steel liner, was identified during grading activities at 670 Olympic Avenue. In March 1999, three soil samples (1 to 3 UST) surrounding the UST and one sample of the tank contents (4 UST) were collected prior to UST removal for waste characterization purposes. These soil sample locations were reportedly excavated during tank removal.
- During UST removal in April 1999, five samples (1 UST to 5 UST) were collected from the bottom of the excavation and the sidewalls; one sample of rainwater accumulated in the tank (W1) was collected for waste characterization purposes. The UST excavation was a maximum of approximately 12 feet deep. Terrasearch reported that 536 cubic yards of soil and debris (i.e., concrete, steel) were transferred to Forward Landfill as non-hazardous waste from the UST removal.
- In May 1999, four soil and four grab groundwater samples were collected from five borings (599B1¹ to 599B4) along the former Olympic Avenue right-of-way prior to transferring the property to Mr. Bill Toomey. Borings were advanced to depths of 10.5 to 11.5 feet bgs. Groundwater was encountered at these locations from approximately 7.5 to 8 feet bgs.
- Following identification and stockpiling of visibly affected soil, soil samples were collected on June 16, 1999, from five locations at 2 to 3 feet bgs (699B1² to 699B5) and from eight test pit locations at depths of 4 to 5 feet bgs (TP1A to TP8A). Samples were collected from Lots 72 to 83 (now Lots 72 and 78 to 83 in Tract 7069 and Lots 13 to 17 in Tract 7124) when visibly affected soil was identified during grading activities. On June 22, 1999, two additional soil samples were collected from former Lots 81 and 82 (designated Lot 81 Native and Lot 82 Fill; still identified as Lots 81 and 82 in Tract 7069). On June 25 an additional soil sample was collected from Lot 77 (designated Lot 77 Fill; now identified as Lot 13 in Tract 7124). Depth of excavation across Lots 72 to 83 was approximately 6 feet bgs, except on Lot 78 (still Lot 78 in Tract 7124), which was approximately 7 feet.
- Approximately 11,000 cubic yards of affected soil was reportedly removed from the site during this time and disposed at Forward Landfill. Bills of lading for this activity were approximately consistent with this volume of soil. Native soil from Holyoke Avenue, Silverstar Lane, and Branaugh Court was excavated to provide fill

¹ The designation "599" was added by Geomatrix to distinguish samples from samples designated B1 to B4 during previous site investigation activities.

² The designation "699" was added by Geomatrix to distinguish samples from samples designated B1 to B5 during previous site investigation activities.

material for the excavated areas. Approximately 2,000 cubic yards of remaining affected soil, stockpiled on Chesterfield Court, was reportedly then placed at depths of 5 to 9 feet bgs beneath these streets.

- In July 1999, eleven soil and three groundwater samples were collected from five borings (799B1³ to 799B5) from a 1.1-acre parcel of the adjacent "park". This portion of the park was to be transferred from HARD to SummerHill Homes for residential development (now Lots 1, 2, 3, 4 and 10, 11, and 12 of Tract 7124).
- In March 2000, ACC on behalf of the City of Hayward, collected soil and grab groundwater samples from eight borings located on Holyoke Avenue, Branaugh Court, and Silverstar Lane to investigate the reports of affected soil beneath the streets. Borings were advanced to depths of 12 to 16 feet bgs; groundwater was encountered at depths of 7 to 12 feet bgs. Composite soil samples representing four-foot intervals were initially analyzed with follow-up analysis of discrete samples at selected locations.

The analytical results of these sampling activities are summarized in Tables 3 through 6.

Soil

Extractable petroleum hydrocarbons (reported as total petroleum hydrocarbons as diesel (TPHd) and as total extractable petroleum hydrocarbons [TEPH]) were detected at concentrations up to 3,600 mg/kg in the sample collected in the vicinity of the former UST prior to removal. Concentrations after removal of the tank and surrounding soil were near or below detection limits in four of five samples. The sample to southeast of the tank [1 (UST)] had concentrations of TPHd comparable to those reported prior to removal, but was collected at the property boundary. According to the Terrasearch report "tar-stained gravel appeared to continue off site, toward the southeast."

Concentrations of petroleum hydrocarbons reported as TEPH were detected at concentrations up to 600 mg/kg in eight samples collected from the shaded area shown on Figure 4, corresponding to current Lots 72 and 78 to 83 in Tract 7069 and Lots 13 to 17 in Tract 7124. Based on Terrasearch's report, these samples were collected on June 16, 1999, after SummerHill Homes commenced the removal of visibly affected soil and other debris from the area. Three samples were collected the following week, one of which indicated concentrations of TEPH of 280 mg/kg and TRPH of 4100 mg/kg. Based on the Terrasearch report, visual observations were the primary mechanism for segregating affected soil; confirmation samples throughout the area following completion of the excavation are not discussed in their report.

Total oil and grease (TOG) was only analyzed in samples collected beneath Holyoke Avenue, Silverstar Lane, and Branaugh Court; TOG was detected in all composite samples and most discrete samples at concentrations up to 3,200 mg/kg. Lower concentrations of TPHd were detected in some samples (up to 340 mg/kg).

Volatile organic compounds (VOCs), which included acetone, benzene, isopropylbenzene, naphthalene, MTBE, n-butylbenzene, sec-butyl benzene, tert-butanol and 1,2,4-trimethylbenzene, were detected in one or more post-excavation soil samples collected at the former UST. Ethylbenzene, isopropylbenzene, naphthalene, and/or 1,2,4-trimethylbenzene were detected in two composite samples collected beneath Holyoke Avenue, Silverstar Lane, and Branaugh Court. Other VOCs and/or halogenated VOCs were not detected in other samples analyzed.

Semi-volatile organic compounds (SVOCs) were not detected in the soil samples associated with the UST. SVOCs were also analyzed in composite samples collected beneath the streets. Only 2-methylnaphthalene (170 µg/kg) was detected in one of the eleven composite samples.

Metals were detected in all soil samples analyzed at concentrations representative of background⁴.

Polychlorinated biphenyls (PCBs) were not detected in any samples analyzed.

Of the samples collected in February 1998, six pesticides (4,4'-DDE, 4,4'-DDT, dieldrin, endosulfan, heptachlor, heptachlor epoxide) were detected from 2.1 to 21 µg/kg in two of six surface soil samples collected north of current Holyoke Avenue and one boring location at 4 feet bgs. Herbicides were not detected in any of the six February 1998 samples analyzed. Pesticides were not detected in the only other sample analyzed, a sample collected from the sidewall of the UST excavation [1 (UST)].

Groundwater

Nineteen grab groundwater samples have been collected at the site over the course of the past investigations. Concentrations of TPHd were detected in five samples at concentrations ranging from 77 to 190 µg/l (Figure 5). Four of these samples were located along Holyoke

³ The designation "799" was added by Geomatrix to distinguish samples from samples designated B1 to B5 during previous site investigation activities.

Avenue and Branaugh Court and one was located along Olympic Avenue adjacent to 687 Olympic Avenue. Concentrations of VOCs (naphthalene, 2-methylnaphthalene, isopropyl benzene, chlorobenzene, ethylbenzene, and/or total xylenes) were detected in four samples beneath Holyoke Avenue and Branaugh Court. The concentrations were below maximum contaminant limits (MCLs) for these VOCs. MTBE was reported in three of six samples analyzed (Figure 5); however, these results were not confirmed by a mass spectrometer method and may reflect false positive results from the analysis method used (U.S. EPA 8020). One or more metals were detected in fourteen of the fifteen samples analyzed for metals. This may have resulted from grab sample collection methods; the reports of results do not indicate that samples were filtered in the field or by the lab, which is typical for metals analysis.

4.6.2.2 *HARD Park Property*

Geomatrix reviewed a draft Phase II conducted for 695 Industrial Parkway (the southern section of the subject site) by Earth Systems Environmental, Inc. (ESE) for Hayward Area Recreation Department completed on June 17, 1991. ESE noted the following storage activities at the Park property: 50 truck trailers, 20 roll-off bins (some containing debris), 20 junk cars, 30 junk industrial vehicles, several 55-gallon drums with probable used motor oil, and mounds of soil and household debris on the northeastern third of the property. Numerous areas of stained soil were also observed.

Based on observations and the previous Phase I performed by CERTIFIED, ESE installed three soil borings where surface staining was observed along the western property boundary. One monitoring well was installed at the northeast corner of the property.

According to ESE, soils were sampled at 2.5, 5, 10, 15, and 20 feet below ground surface. Six samples collected in the upper 10 feet were submitted for analysis for total recoverable petroleum hydrocarbons (TRPH) (USEPA method 418.1). In addition three soil samples from the shallowest depth were analyzed for total chromium and total lead. Also, the shallowest soil sample from one of the borings was analyzed for the presence of paints, paint thinners, or solvents (USEPA Method 8010). The monitoring well was drilled to a depth of 27 feet, and the well screen installed from 7 to 27 feet bgs (groundwater was encountered at 12 feet bgs). The groundwater sample was analyzed for the presence of TPH as gasoline (TPHg) and gasoline constituents (benzene, toluene, ethylbenzene and total xylenes [BTEX]). Analytical results

⁴ Lawrence Berkeley Laboratory, 1995, "Protocol for Determining Background Concentrations of Metals in Soil at Lawrence Berkeley National Laboratory (LBNL) dated August 1995", August 1.

from this sampling event are listed in Table 7. Records of well abandonment for this well were not identified; the well was not visible during the site visit.

ESE concluded that no further action was deemed necessary due to the low concentrations detected in the soil samples.

5.0 STANDARD ENVIRONMENTAL RECORD SOURCES

Geomatrix commissioned a search of available environmental databases by EDR. The EDR search includes regulatory databases that identify properties with documented environmental releases and/or use, store, or dispose of regulated chemicals. Geomatrix reviewed the EDR report to identify cases that may affect site soil and groundwater using the radii specified above. The radii of the database search corresponded to the recommended radii in the ASTM guideline. A list of the regulatory databases searched is included in the EDR report (Appendix A). The general findings of the search are discussed in the following sections.

5.1 SUBJECT SITE

The subject site is listed on the Leaking Underground Storage Tank (LUST) List. During grading operations for the construction of the new homes, a UST was discovered. Detailed information regarding the LUST is provided in Section 4.6.2.1 and the Summary of Environmental Activity Report (Terrasearch, March 2000). This LUST case was granted closure on June 3, 1999 by the Alameda County Health Care Services Agency based on the closure of the UST by the Hayward Fire Department and other available information.

5.2 SURROUNDING SITES

Of the 37 off-site listings in the EDR report, 23 distinct addresses within 1 mile of the subject property appeared on one or more environmental databases that may indicate a spill or release; some properties had more than one owner or occupant listed. The databases that may indicate a release are:

- Cal Sites – contains known and potential hazardous substance sites listed by the Department of Toxic Substances Control (DTSC);
- CHMIRS – the California Hazardous Material Incident Report System, which contains information on reported hazardous materials incidents;

- Cortese – identifies public drinking water wells with detectable concentrations of constituents, hazardous substances sites selected for remedial action, and other release sites;
- CERCLIS – the Comprehensive Environmental Response, Compensation, and Liability Information System, which contains data on potentially hazardous sites that have been reported to the U.S. Environmental Protection Agency (EPA) by the state;
- CORRACTS – contains a list of sites subject to corrective action under the Resource Conservation and Recovery Act (RCRA);
- LUST – contains leaking underground storage tank sites; and
- SLIC – contains spill, leaks, and industrial cleanup sites from the California Regional Water Quality Control Board, San Francisco Bay Region (RWQCB).

Based on the database search information, Geomatrix identified three environmental cases that appeared to have the highest potential to affect site soil and groundwater based on the description of the issue provided by EDR. Based on proximity and orientation with respect to the site (e.g., upgradient, downgradient), conditions reported at the listed site, and regulatory status, the other listings were not considered to potentially adversely impact the site. Geomatrix reviewed regulatory agency files for the three remaining sites to obtain additional information pertaining to their current status (Table 8).

6.0 REGULATORY AGENCY FILE REVIEW

Of the sites identified by EDR, conditions at three off-site listings could potentially affect environmental conditions at the property. Geomatrix contacted the City of Hayward Fire Department for specific information concerning three cases and the subject site. A summary of the requests submitted and information available is included in Table 8. Information relating each specific property is summarized below.

Toomey Trucking

According to EDR, the adjacent trucking facility located at 687 Olympic Avenue has one 10,000-gallon diesel UST. The facility was formerly known as Eager Beaver Trucking Company and is now occupied by Toomey Trucking. According to the City of Hayward Fire Department files, the tank was a double wall, bare steel tank manufactured and installed in 1978. The UST was last registered in July 1985 to Eager Beaver Trucking. No record of

removal or closure was found, although as discussed in Section 4.3, the tank was reportedly removed prior to 1987.

The Plank Company

The Plank Company is located at 29220 Pacific Street, which lies 0.3 miles to the northeast. In 1991 a 2,000-gallon gasoline UST was removed by Aqua Science Engineering. Sampling of soil and groundwater removed from the bottom of the tank excavation pit indicated the presence of low concentrations of benzene, toluene, ethylbenzene, and total xylenes (collectively known as BTEX), and petroleum hydrocarbons as gasoline. Soil samples from the walls of the tank excavation pit did not reveal any contamination. Based on the low concentrations of petroleum hydrocarbons and associated constituents in soil and groundwater and distance from the site, it is unlikely that the former UST at this property will impact the site.

Duncan & Son Petroleum

Duncan & Son Petroleum is located at 29303 Pacific Street which lies 0.4 miles to the northeast. In 1986 eight monitoring wells were installed to evaluate the extent of petroleum hydrocarbon impact to groundwater beneath the site. In July 1986 product was measured in three of the wells; samples from the other five wells contained varying concentrations of total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd) and fractions of BTEX, MTBE, chromium, nickel, lead and zinc. In July 1987 a free product recovery system was installed and operated for a short time. Additional sampling events took place in September 1992 and October 1998. In March 1999 nine USTs were removed from the site. Although the extent of affected soil and groundwater is not anticipated to extend to the site, Geomatrix will issue an addendum to this report regarding the extent of affected groundwater upon receipt of appropriate files from the Alameda County Health Care Services Agency. Of particular interest, are the high concentrations of MTBE (10 mg/l) in groundwater given the solubility and mobility of this compound in water. Recommendations regarding the need for additional testing related to the Duncan & Son Petroleum site will be made at that time.

7.0 SUMMARY OF FINDINGS AND RECOMMENDATIONS

7.1 SUMMARY OF FINDINGS

Much of the site was previously used for agricultural purposes; residual pesticides and herbicides may be present in the soil as a result of this former use. Analytical results for soil

samples collected to date indicate that some pesticides are present at concentrations near their detection limit.

Aerial photographs reviewed by Geomatrix and documentation from Terrasearch indicate the former presence of vehicle and RV/truck trailer parking on the site, oil stains, and miscellaneous debris. Residual chemicals including petroleum hydrocarbons and associated constituents that may have been associated with these activities have been detected at low concentrations in some soil samples.

During Terrasearch's site visit, automobile repair shops were present at the 670 Olympic Avenue property and, based on the aerial photograph, operations at 727 Industrial Parkway extended onto this property, which is part of the site, after 1976. Although the former UST located at the boundary between these two properties was removed and closed by the City of Hayward Fire Department, residual affected soil may extend southeast onto 727 Industrial Parkway.

During grading/development, approximately 11,000 cubic yards of visibly affected soil from the area of the automobile shops was reportedly disposed off site. An additional 2,000 cubic yards of visibly affected soil were reportedly placed beneath Holyoke Avenue, Silverstar Lane, and Brough Court. Residual materials not visibly identified may have been moved across the site during grading activities, which included overexcavation and recompaction of up to the top 3 feet of soil.

Grab groundwater data collected at the site does not indicate a significant impact from historic activities. Low concentrations of TPHd and VOCs were detected in some samples.

Soil samples collected at the Park property indicated low concentrations of TRPH in two of three shallow samples (1 to 2.5 feet bgs). Concentrations of lead and chromium were within background concentrations. TPH and BTEX were not detected in the groundwater sample at the Park site.

A water well was identified north of the site (upgradient) by Terrasearch and in the database search (Appendix A). Since this well is upgradient, the site is unlikely to adversely impact water quality at the well. The location of the well was not identified during site visits by Terrasearch or Geomatrix, but it appears to be off-site, north of Folsom Avenue based on the EDR report (Appendix A).

A UST was located at an adjacent upgradient property (687 Olympic Avenue); there are no records regarding its removal. However, soil and groundwater sampling along Olympic Avenue (downgradient and adjacent to 687 Olympic Avenue) have not indicated a significant impact to soil or groundwater at the site.

Affected soil and groundwater were identified at two upgradient properties (located over 0.25 miles from the site). Concentrations of petroleum hydrocarbons and constituents in soil and groundwater at the Plank Company do not appear to be significant and are unlikely to affect the site. However, free product has been measured at Duncan & Son Petroleum. Since a free product recovery system was operated for a short time and the USTs were removed in 1999, affected soil and groundwater is not anticipated to extend to the site. Files at the Alameda County Health Care Services Agency for this site were not available for review prior to this report being issued.

7.2 RECOMMENDATIONS

Based on the findings of this Phase I assessment, we recommend the following activities to resolve potential environmental concerns at the site:

- Further soil characterization in the residential areas to evaluate the potential for previous RV/truck trailer parking activities and site grading activities to adversely impact soil at the residences.
- Sampling and testing to date does not indicate a significant residual impact from the former UST at 670 Olympic Avenue. However, we recommend that the southeastern extent of petroleum-affected soil be identified, and that mitigation, if necessary, be performed. This would need to be coordinated with the current property owner and the City of Hayward Fire Department.
- Further soil characterization in the utility corridors to evaluate potential exposure by utility maintenance workers and disposal considerations for any soil removed from these areas.
- Further groundwater characterization is not recommended at this time. In the area of historically impacted soil, the groundwater does not appear to be significantly impacted from site-related chemicals in soil. Confirmed concentrations of individual VOCs are below their respective MCLs; groundwater is approximately 7 to 12 feet bgs (unlikely to be contacted by residents or utility workers) and is not used as a drinking water source by the City of Hayward.
- Further soil characterization is recommended for the Park property to evaluate residual concentrations of chemicals in shallow soil since grading and site clearance

activities have occurred. Further efforts should be made to identify the monitoring well on the northeast corner of the property.

- Any additional information regarding the status of the water well located north of the site will be included in the addendum.
- The status of the UST at 687 Olympic Avenue should be verified by the City of Hayward Fire Department to ensure there is not a continuing source of petroleum hydrocarbons to the environment.
- Geomatrix recommends reviewing environmental characterization reports for the Duncan & Son Petroleum site to identify the extent of affected soil and groundwater. However, based on removal of the UST sources, the extent of affected soil and groundwater, and distance from the site, the Duncan & Son Petroleum site is not anticipated to extend to the subject site. An addendum to this report will be issued regarding further recommendations once characterization reports become available from the Alameda County Health Care Services Agency.

8.0 LIMITATIONS

This ESA is based on visual observations of existing site conditions, interviews with persons familiar with the subject property, and a limited review of relevant regulatory agency files. Environmental sampling and laboratory analyses were not performed in conjunction with this ESA. The findings do not constitute a warranty, guarantee, or positive assertion as to the presence, absence or extent of hazardous materials at the site. This ESA has been prepared by Geomatrix for the beneficial use of Universal Foods Corporation in conjunction with this project.

This report represents Geomatrix's professional opinion and judgment, which are dependent on information obtained during the performance of consulting services. Environmental conditions may exist at the subject property that cannot be identified by visual observations only. Any conclusions or recommendations are based in part on information supplied by others, the accuracy or sufficiency of which cannot be independently verified by Geomatrix.

Opinions and recommendations presented apply to site conditions at the time the services were performed and within the scope, schedule, and budgetary constraints described. Geomatrix assumes no responsibility for either conditions it is not authorized to investigate or changes in applicable environmental standards, practices, or regulations following performance of these services.

9.0 REFERENCES

- ACC Environmental Consultants, 2000, Subsurface Investigation Report, Holyoke Street and Olympic Avenue, Hayward, California, March 22.
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- Murphy, Hugh, Hazardous Materials Program Coordinator, City of Hayward Fire Department, California
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- TERRASEARCH, inc., 1998, Initial Surface and Subsurface Environmental Site Assessment Report at Selected Properties, March 9.
- TERRASEARCH, inc., 1999a, Underground Storage Tank Removal and Closure Report for Proposed Residential Development, May 7.
- TERRASEARCH, inc., 1999b, Additional Subsurface Environmental Site Assessment Report at Existing and Proposed Olympic Avenues, May 14.

TERRASEARCH, inc. 2000, Summary of Environmental Activity Report, Canterbury
Residential Development, Hayward, California, March 10.

Toomey, Bill, Sr., Toomey Trucking, Hayward, California

TABLES

TABLE 1

SUMMARY OF INFORMATION FROM THE POLK CITY DIRECTORIES
 Canterbury Residential Development
 Hayward, California

Address	Street	1948	1953	1956-1957	1959	1964	1965	1967
SUBJECT SITE								
695	Industrial Parkway	No Listing	No Listing	No Listing	No Listing	No Listing	Holmok, Otto J	Holmok, Otto J
524	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
525	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
537	Olympic Avenue	No Listing	No Listing	No Listing	Frigler, Claude	No Listing	No Listing	No Listing
550	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	Calzada, Benjamin V.	Calzada, Benjamin V.	No Listing
577	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	Fugler, Claude	Fugler Claude, B.	Evgrafoff, Michael
590	Olympic Avenue	No Listing	No Listing	No Listing	Kong, Lawson	Lee, Ralph	Shelly, WM	Shelly, William
670	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
29215	Taylor Avenue	No Listing	No Listing	No Listing	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest
29335	Taylor Avenue	No Listing	No Listing	No Listing	Ruffer, Ernest T. Jr.	Iversen, John S.	Iversen, John S.	Iversen, John S.
29363	Taylor Avenue	No Listing	No Listing	No Listing	Jones, John D	Jones, John D	Jones, John D	Jones, John D
29367	Taylor Avenue	No Listing	No Listing	No Listing	Ubrick, Phillip E.	No Listing	Benavidex, John Ubrick, Phillip E.	Ubrick, Phillip E.
29373	Taylor Avenue	No Listing	No Listing	No Listing	Martinez, Savas	Martinez, Sabas	Martinez, Sabas	Martinez, Sabas
ADJACENT PROPERTIES								
727/729	Industrial Parkway	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing	Close Building Materials Inc. McDonald Construction Co.
687	Olympic Avenue	No Listing	No Listing	No Listing	Baker, Owen	Ross Transportation Trucking Ross, Ralph E.	Ross Transportation Trucking Ross, Ralph E.	Ross Transportation Trucking Ross, Ralph E.
29342	Taylor Avenue	No Listing	No Listing	No Listing	No Listing	Cerato, John	Cerato, John	Cerato, John
29344	Taylor Avenue	No Listing	No Listing	No Listing	Vacant	No Listing	No Listing	No Listing
29370	Taylor Avenue	No Listing	No Listing	No Listing	Truppa, Jerome	Truppa, Jerome	Hayes, Robert	Hayes, Robert

TABLE 1

SUMMARY OF INFORMATION FROM THE POLK CITY DIRECTORIES
 Canterbury Residential Development
 Hayward, California

Address	Street	1969	1970	1971	1972	1973	1976
SUBJECT SITE							
695	Industrial Parkway	Holmok, Otto J	Holmok, Otto J	Holmok, Otto J	Holmok, Otto J	Holmok, Otto J	Holmok, Otto J
524	Olympic Avenue	No Listing	Isaacs, CN	Isaacs, CN	Isaacs, Claybourne N	Del Pozo, Jonathan	Corey Electric
525	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
537	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
550	Olympic Avenue	No Listing	Vacant	Arroyo, Richard	No Listing	Arroyo, Richard	Arroyo, Richard
577	Olympic Avenue	Evgrafoff, Michael I	Evgrafoff, Michael I	Evgrafoff, Michael I	Evgrafoff, Michael I	No Listing	Urauch, Paul K
590	Olympic Avenue	Crown S Ranch	Shelly, WM	Kong, AL	Shelly, William W	Kong, AL	No Listing
670	Olympic Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
29215	Taylor Avenue	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Ruffer, Ernest	Nitabell Rabbitry Breeders Westervelt, Michael
29335	Taylor Avenue	Iversen, John S.	Iversen, John S.	Iversen, John S.	Iversen, Marilyn S.	Iversen, Marilyn S.	Iversen, Marilyn S.
29363	Taylor Avenue	Jones, John D	Jones, John D	Jones, John D	Jones, John D	Jones, Bertha	Jones, Bertha
29367	Taylor Avenue	Ubrick, Phillip E.	Barrack, Gary D. Ubrick, Phillip E.	Ubrick, Phillip E.	Ubrick, Phillip E.	Ubrick, Amanda	Trujillo, Ken Ubrick, Amanda
29373	Taylor Avenue	Martinez, Sabas	Martinez, Sabas	Martinez, Sabas	Martinez, Sabas	Martinez, Sabas	Martinez, Sabas
ADJACENT PROPERTIES							
727/729	Industrial Parkway	Close Building Materials Inc.	Close Building Materials Inc. Fresh Pak Products Co.	Close Building Materials Inc. Fresh Pak Products Co.	Close Building Materials Inc. Fresh Pak Products Co.	Close Building Materials Inc. Fresh Pak Products Co.	Close Building Materials Inc. Quality Packaging Inc.
687	Olympic Avenue	Ross Transportation Trucking Ross, Ralph E.	Eager Beaver Trucking Ortloff, Joseph	Eager Beaver Trucking Ortloff, Joseph	Eager Beaver Trucking Ortloff, Joseph	Eager Beaver Trucking	Eager Beaver Trucking Ortloff, Joseph
29342	Taylor Avenue	Cerato, John	Ossana, James	Cerato, John	Cerato, John	Cerato, John	No Listing
29344	Taylor Avenue	No Listing	No Listing	No Listing	No Listing	No Listing	No Listing
29370	Taylor Avenue	Hayes, Robert M	Hayes, Robert M	Hayes, Robert M	Hayes, Robert M	No Listing	No Listing

TABLE 2

SUMMARY OF HISTORICAL SAMPLING AND ANALYSIS¹
 Canterbury Residential Development
 Hayward, California

Description	Reference	Date	Sample Locations	TPHg	TPHd	TEPH	TRPH	TOG	HVOCs	VOCs	BTEX	MTBE	SVOCs	Pesticides	Herbicides	PCBs	Metals	RCI
Initial Phase II Samples	Terrasearch, 1998	Feb-98	Soil: 1-6; B1-B4	X	X			X	X				X	X	X		X	
			Water: B1-B4	X	X			X	X									X
UST Samples	Terrasearch, 1999a	Mar-99	Soil: 1UST-4UST			X				X			X			X	X	X
Tank Removal	Terrasearch, 1999a	Apr-99	Soil: 1UST-5UST	X	X			X		X	X		X				X	
			Water: W1 (wastewater sample)					X						X				X
Olympic Avenue Right-of-Way	Terrasearch, 1999b	May-99	Soil: 599B1-599B4	X	X		X		X		X	X					X	
			Water: 599B1-599B4	X	X					X		X	X					X
Grading	Terrasearch, 2000	Jun-99	Soil: 699B1-699B5 Soil: TP1A-TP8A Soil: Lot81 Native, Lot 82 Full, Lot 77 Full			X	X				X	X						
Park (1.1-Acre Parcel)	Terrasearch, 2000	Jul-99	Soil: 799B1-799B5	X	X		X		X		X	X					X	
			Water: 799B1, B2 and B5	X	X		X			X		X	X					X
Street Borings	ACC, 2000	Mar-00	Soil: EB1-EB8	X	X			X		X	X		X				X	
			Water: EB1-EB8	X	X			X		X	X	X		X				X

Notes:

1. One or more samples analyzed by the method specified.

TPHg = Total petroleum hydrocarbons as gasoline (U.S. EPA Method 8015 Mod)

TPHd = Total petroleum hydrocarbons as diesel (U.S. EPA Method 8015 Mod)

TEPH = Total extractable petroleum hydrocarbons (U.S. EPA Method 8015 Mod)

TRPH = Total recoverable petroleum hydrocarbons (U.S. EPA Method 418.1)

TOG = Total oil and grease (U.S. EPA Method 5520)

HVOCs = Halogenated volatile organic compounds (U.S. EPA Method 8010)

VOCs = Volatile organic compounds (U.S. EPA Method 8240 or 8260)

BTEX = Benzene, toluene, ethylbenzene and xylenes (U.S. EPA Method 8020)

MTBE = Methyl tert-butyl ether (U.S. EPA Method 8020), also included in 8260 analysis (VOCs)

SVOCs = Semi-volatile organic compounds (U.S. EPA Method 8270)

Pesticides = U.S. EPA Method 8080

Herbicides = U.S. EPA Method 8150

PCBs = Polychlorinated Biphenyls (U.S. EPA Method 8081)

Metals = Selected metals which vary by sampling event

RCI = Reactivity, ignitability, and corrosivity

TABLE 3

SOIL ANALYTICAL RESULTS¹
 PETROLEUM HYDROCARBONS, VOLATILE ORGANIC COMPOUNDS AND SEMI-VOLATILE ORGANIC COMPOUNDS
 Canterbury Development
 Olympic Avenue
 Hayward, California

Page 1 of 3

Sample ID	Date Sample	Sample Depth (ft.)	Petroleum Hydrocarbons					Volatile Organic Compounds ²										SVOCs
			TPHg mg/kg	TPHd mg/kg	TEPH mg/kg	TOG mg/kg	TRPH mg/kg	Acetone µg/kg	Benzene ³ µg/kg	Ethylbenzene ³ µg/kg	Isopropylbenzene µg/kg	Naphthalene ⁴ µg/kg	MTBE µg/kg	n-Butylbenzene µg/kg	sec-Butylbenzene µg/kg	tert-Butanol µg/kg	1,2,4- Trimethylbenzene µg/kg	
B1-4	2/26/98	4	<1.0	<1.0	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B1-19	2/26/98	19	<1.0	<1.0	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B2-4	2/26/98	4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B2-6	2/26/98	6	<1.0	<1.0	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B3-4	2/26/98	4	<1.0	3.4	--	130	--	--	--	--	--	--	--	--	--	--	--	--
B3-7	2/26/98	7	<1.0	<1.0	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B3-13	2/26/98	13	<1.0	3.2	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B4-4	2/26/98	4	<1.0	5.3	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B4-5.5	2/26/98	5.5	<1.0	<1.0	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
B4-11.5	2/26/98	11.5	<1.0	<1.0	--	<50	--	--	--	--	--	--	--	--	--	--	--	--
1	2/26/98	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2	2/26/98	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
3	2/26/98	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
4	2/26/98	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
5	2/26/98	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
6	2/26/98	0.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1-4 (COMP) (UST)	3/4/99	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2 (UST)	3/4/99	5	--	--	--	--	--	680	<100	<100	--	--	--	--	--	--	--	<100
3 (UST)	3/4/99	5	--	--	--	--	--	<100	<100	<100	--	--	--	--	--	--	--	<100
4 (UST)	3/4/99	5	--	420	4020	--	--	--	--	--	--	--	--	--	--	--	--	--
1 (UST)	4/14/99	4	<1.0	200	--	550	--	46	8.3	<5	9.3	76	16	41	22	22	13	<330
2 (UST)	4/14/99	9	<1.0	<1.0	--	<25	--	<20	<5.0	<5	<5	<5	<5.0	<5	<5	<20	<5	<330
3 (UST)	4/14/99	12	<1.0	<1.0	--	<25	--	<20	<5.0	<5	<5	<5	23	<5	<5	<20	<5	<330
4 (UST)	4/14/99	8	<1.0	1.3	--	<25	--	<20	<5.0	<5	<5	<5	12	<5	<5	<20	<5	<330
5 (UST)	4/14/99	11	<1.0	<1.0	--	<25	--	<20	<5.0	<5	<5	<5	<5.0	<5	<5	<20	<5	<330
599B1-6	5/4/99	6	<1.0	4.1	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
599B2-6	5/4/99	6	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
599B3-6	5/4/99	6	<1.0	<1.0	--	--	--	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
599B4-6	5/4/99	6	<1.0	<1.0	--	--	--	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
699B1	6/16/99	2-3	--	--	160	--	220	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
699B2	6/16/99	2-3	--	--	320	--	910	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
699B3	6/16/99	2-3	--	--	440	--	1100	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
699B4	6/16/99	2-3	--	--	410	--	710	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
699B5	6/16/99	2-3	--	--	350	--	300	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP1A	6/16/99	5	--	--	<10	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--

TABLE 3

ANALYTICAL RESULTS IN SOIL¹
PETROLEUM HYDROCARBONS, VOLATILE ORGANIC COMPOUNDS AND SEMI-VOLATILE ORGANIC COMPOUNDS

Canterbury Development
Olympic Avenue
Hayward, California

Page 2 of 3

Sample ID	Date Sample	Sample Depth (ft.)	Petroleum Hydrocarbons					Volatile Organic Compounds ²										SVOCs
			TPHg mg/kg	TPHd mg/kg	TEPH mg/kg	TOG mg/kg	TRPH mg/kg	Acetone µg/kg	Benzene ³ µg/kg	Ethylbenzene ³ µg/kg	Isopropylbenzene µg/kg	Naphthalene ⁴ µg/kg	MTBE µg/kg	n-Butylbenzene µg/kg	sec-Butylbenzene µg/kg	tert-Butanol µg/kg	1,2,4-Trimethylbenzene µg/kg	2-Methylnaphthalene µg/kg
TP2A	6/16/99	5	--	--	<10	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP3A	6/16/99	4	--	--	<10	--	160	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP4A	6/16/99	5	--	--	<10	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP5A	6/16/99	5	--	--	<10	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP6A	6/16/99	5	--	--	<10	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP7A	6/16/99	4	--	--	510	--	500	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
TP8A	6/16/99	4	--	--	600	--	1400	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
Lot 81 - Native	6/22/99	5	--	--	<10	--	95	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
Lot 82 Fill	6/22/99	3	--	--	280	--	4100	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
Lot 77 Fill	6/25/99	4	--	--	<10	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-1-6	7/2/99	6	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-1-11	7/2/99	11	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-2-4	7/2/99	4	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-2-11	7/2/99	11	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-3-4	7/2/99	4	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-3-11	7/2/99	11	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-4-4	7/2/99	4	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-4-11	7/2/99	11	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-5-6	7/2/99	6	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-5-11	7/2/99	11	<1.0	<1.0	--	--	73	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
799B-5-16	7/2/99	16	<1.0	<1.0	--	--	<50	--	<5.0	<5.0	--	--	<10	--	--	--	--	--
EB1 5-8	3/6/00	5 - 8	<1.0	66	--	410	--	<50	<5.0/<5.0	<5.0/<5.0	<50	<10/<500	<50	--	--	--	--	<500
EB1 10-12	3/6/00	10 - 12	<1.0	21	--	120	--	<50	<5.0/<5.0	<5.0/<5.0	<50	<10/<500	<50	--	--	--	--	<500
EB2 5-8	3/6/00	5 - 8	1.8	200	--	760	--	<50	<5.0/<5.0	6.9/6.1	24	93/<500	<50	--	--	--	--	<500
EB2 9-12	3/6/00	9 - 12	4.4	7.4	--	330	--	<50	<5.0/<5.0	<5.0/<5.0	11	<10/<100	<50	--	--	--	--	170
EB3 5-8	3/6/00	5 - 8	<1.0	22	--	270	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<500	<50	--	--	--	--	<500
EB3 10-12	3/6/00	10 - 12	<1.0	4.8	--	56	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<100	<50	--	--	--	--	<100
EB4 4-8	3/6/00	4 - 8	<1.0	1.1	--	<50	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<100	<50	--	--	--	--	<100
EB5 5-8	3/6/00	5 - 8	<1.0	4.4	--	160	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<100	<50	--	--	--	--	<100
EB6 5-8	3/6/00	5 - 8	<1.0	7.7	--	190	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<500	<50	--	--	--	--	<500
EB7 5-9	3/6/00	5 - 9	<1.0	20	--	420	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<500	<50	--	--	--	--	<500
EB8 5-9	3/6/00	5 - 9	<1.0	22	--	490	--	<50	<5.0/<5.0	<5.0/<5.0	<5.0	<10/<500	<50	--	--	--	--	<500
EB1 5	3/6/00	5	--	140	--	130	--	--	--	--	--	--	--	--	--	--	--	--

TABLE 3
ANALYTICAL RESULTS IN SOIL¹
PETROLEUM HYDROCARBONS, VOLATILE ORGANIC COMPOUNDS AND SEMI-VOLATILE ORGANIC COMPOUNDS
 Canterbury Development
 Olympic Avenue
 Hayward, California

Sample ID	Date Sample	Sample Depth (ft.)	Petroleum Hydrocarbons					Volatile Organic Compounds ²										SVOCs	
			TPHg mg/kg	TPHd mg/kg	TEPH mg/kg	TOG mg/kg	TRPH mg/kg	Acetone µg/kg	Benzene ³ µg/kg	Ethylbenzene ³ µg/kg	Isopropylbenzene µg/kg	Naphthalene ⁴ µg/kg	MTBE µg/kg	n-Butylbenzene µg/kg	sec-Butylbenzene µg/kg	tert-Butanol µg/kg	1,2,4-Trimethylbenzene µg/kg	2-Methylnaphthalene µg/kg	
EB1 6	3/6/00	6	--	20	--	470	--	--	--	--	--	--	--	--	--	--	--	--	
EB1 7	3/6/00	7	--	3.8	--	90	--	--	--	--	--	--	--	--	--	--	--	--	
EB1 8	3/6/00	8	--	130	--	700	--	--	--	--	--	--	--	--	--	--	--	--	
EB2 5	3/6/00	5	--	2.8	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	
EB2 6	3/6/00	6	--	15	--	210	--	--	--	--	--	--	--	--	--	--	--	--	
EB2 7	3/6/00	7	--	340	--	2,500	--	--	--	--	--	--	--	--	--	--	--	--	
EB2 8	3/6/00	8	--	110	--	190	--	--	--	--	--	--	--	--	--	--	--	--	
EB2 9	3/6/00	9	--	11	--	1,400	--	--	--	--	--	--	--	--	--	--	--	--	
EB7 5	3/6/00	5	--	--	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	
EB7 6	3/6/00	6	--	--	--	330	--	--	--	--	--	--	--	--	--	--	--	--	
EB7 7	3/6/00	7	--	--	--	520	--	--	--	--	--	--	--	--	--	--	--	--	
EB7 8	3/6/00	8	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	
EB7 9	3/6/00	9	--	--	--	740	--	--	--	--	--	--	--	--	--	--	--	--	
EB8 5	3/6/00	5	--	--	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	
EB8 6	3/6/00	6	--	--	--	310	--	--	--	--	--	--	--	--	--	--	--	--	
EB8 7	3/6/00	7	--	--	--	100	--	--	--	--	--	--	--	--	--	--	--	--	
EB8 8	3/6/00	8	--	--	--	<50	--	--	--	--	--	--	--	--	--	--	--	--	
EB8 9	3/6/00	9	--	--	--	3,200	--	--	--	--	--	--	--	--	--	--	--	--	

Notes:

- TPHg = Total petroleum hydrocarbons reported as gasoline
- TPHd = Total petroleum hydrocarbons reported as diesel
- TOG = Total Oil and Grease.
- TRPH = Total recoverable petroleum hydrocarbons
- MTBE = Methyl tert-Butyl Ether
- SVOCs = Semi-volatile organic compounds.
- = Not analyzed.
- ND = Note detected
- mg/Kg = Milligrams per kilogram (equivalent to parts per million [ppm]), in soil.
- µg/Kg = Micrograms per kilogram (equivalent to parts per billion [ppb]), in soil.
- 1 = Concentrations for analytes detected in one or more samples are presented
- 2 = Halogenated volatile organic compounds (HVOCs) were not detected in samples analyzed.
- 3 = X/Y First by EPA Method 8260 and second by EPA Method 8020/8015
- 4 = X/Y First by EPA Method 8260 and second by EPA Method 827

TABLE 4

SOIL ANALYTICAL RESULTS FOR METALS¹ AND PESTICIDES²

Canterbury Development
Olympic Avenue
Hayward, California

Page 1 of 2

Sample ID	Date Sample	Sample Depth (ft.)	Pesticides						Metals							
			Heptachlor µg/kg	4,4'-DDE µg/kg	Dieldrin µg/kg	Heptachlor Epoxide µg/kg	4,4'-DDT µg/kg	Endosulfan I µg/kg	Arsenic mg/kg	Cadmium mg/kg	Chromium mg/kg	Copper mg/kg	Lead mg/kg	Mercury mg/kg	Nickel mg/kg	Zinc mg/kg
B1-4	2/26/98	4	<2.0	<2.0	<2.0	<2.0	<10	<10	1.7	0.62	13	18	14	0.055	22	38
B1-19	2/26/98	19	--	--	<2.0	<2.0	<10	<10	2.6	0.98	20	18	5.5	<0.050	33	40
B2-4	2/26/98	4	21	<2.0	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
B2-6	2/26/98	6	--	--	--	--	--	--	1.3	<0.50	15	14	4.5	<0.050	22	22
B3-4	2/26/98	4	<2.0	<2.0	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
B3-7	2/26/98	7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B3-13	2/26/98	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B4-4	2/26/98	4	<2.0	4.8	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
B4-5.5	2/26/98	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
B4-11.5	2/26/98	11.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1	2/26/98	0.5	<2.0	<2.0	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
2	2/26/98	0.5	<2.0	<2.0	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
3	2/26/98	0.5	<2.0	7.6	9.0	2.1	12	10	--	--	--	--	--	--	--	--
4	2/26/98	0.5	<2.0	2.6	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
5	2/26/98	0.5	<2.0	<2.0	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
6	2/26/98	0.5	<2.0	<2.0	<2.0	<2.0	<10	<10	--	--	--	--	--	--	--	--
1-4 (COMP) (UST)	3/4/99	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2 (UST)	3/4/99	5	--	--	--	--	--	--	--	<0.5	26	--	<1.0	--	26	22
3 (UST)	3/4/99	5	--	--	--	--	--	--	--	<0.5	29	--	<1.0	--	40	59
4 (UST)	3/4/99	5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1 (UST)	4/14/99	4	<2.0	<2.0	<2.0	<2.0	<10	<10	--	<5.0	14	--	<5.0	--	16	28
2 (UST)	4/14/99	9	--	--	--	--	--	--	--	<5.0	27	--	<5.0	--	35	46
3 (UST)	4/14/99	12	--	--	--	--	--	--	--	<5.0	29	--	<5.0	--	35	52
4 (UST)	4/14/99	8	--	--	--	--	--	--	--	<5.0	24	--	<5.0	--	29	45
5 (UST)	4/14/99	11	--	--	--	--	--	--	--	<5.0	27	--	<5.0	--	34	44
599B1-6	5/4/99	6	--	--	--	--	--	--	--	--	--	--	<5.0	--	--	--
599B2-6	5/4/99	6	--	--	--	--	--	--	--	--	--	--	<5.0	--	--	--
599B3-6	5/4/99	6	--	--	--	--	--	--	--	--	--	--	<5.0	--	--	--
599B4-6	5/4/99	6	--	--	--	--	--	--	--	--	--	--	<5.0	--	--	--
799B-1-6	7/2/99	6	--	--	--	--	--	--	--	1.1	29	--	20	--	42	37
799B-1-11	7/2/99	11	--	--	--	--	--	--	--	0.8	23	--	22	--	30	32
799B-2-4	7/2/99	4	--	--	--	--	--	--	--	1.5	30	--	78	--	40	115
799B-2-11	7/2/99	11	--	--	--	--	--	--	--	0.9	20	--	22	--	32	35
799B-3-4	7/2/99	4	--	--	--	--	--	--	--	1.4	33	--	54	--	45	75
799B-3-11	7/2/99	11	--	--	--	--	--	--	--	1.6	30	--	15	--	47	50
799B-4-4	7/2/99	4	--	--	--	--	--	--	--	1.5	32	--	50	--	41	120
799B-4-11	7/2/99	11	--	--	--	--	--	--	--	1.3	30	--	12	--	55	50
799B-5-6	7/2/99	6	--	--	--	--	--	--	--	1.8	24	--	9	--	32	25
799B-5-11	7/2/99	11	--	--	--	--	--	--	--	0.9	25	--	10	--	37	42

TABLE 5
GROUNDWATER ANALYTICAL RESULTS FOR
PETROLEUM HYDROCARBONS, VOLATILE ORGANIC COMPOUNDS, AND SEMI-VOLATILE ORGANIC COMPOUNDS¹
 Canterbury Development
 Olympic Avenue
 Hayward, California

Sample ID	Date Sample	Sample Depth (ft.)	Petroleum Hydrocarbons				Volatile Organic Compounds ²						SVOCs
			TPHg µg/L	TPHd µg/L	TOG mg/L	TRPH mg/L	Chlorobenzene µg/L	Ethylbenzene ³ µg/L	Isopropylbenzene µg/L	MTBE µg/L	Naphthalene ⁴ µg/L	Total xylenes ³ µg/L	2-methylnaphthalene µg/L
B-1	2/26/98	15.5	<50	<120	<2.5	--	--	--	--	--	--	--	--
B-2	2/26/98	11.5	<50	<120	<2.5	--	--	--	--	--	--	--	--
B-3	2/26/98	10	<50	<200	<2.0	--	--	--	--	--	--	--	--
B-4	2/26/98	9	<50	<100	<4.0	--	--	--	--	--	--	--	--
599B-1	5/4/99	5	<50	130	--	--	--	<0.3	--	<1.0	--	<0.3	--
599B-2	5/4/99	7	<50	<50	--	--	--	<0.3	--	<1.0	--	<0.3	--
599B-3	5/4/99	6	<50	<50	--	--	--	<0.3	--	26	--	<0.3	--
599B-4	5/4/99	7	<50	80	--	--	--	<0.3	--	1.8	--	<0.3	--
799B-1	7/2/99	9	<50	<50	--	<5	--	<0.3	--	<1.0	--	<0.3 to 0.6	--
799B-2	7/2/99	8	<50	<50	--	<5	--	<0.3	--	<1.0	--	<0.3 to 0.6	--
799B-5	7/2/99	9	<50	<50	--	<5	--	<3.0	--	2.6	--	<3.0	--
EB1	3/6/00	--	<50	130	4.0	--	<0.5	<0.5/<0.5 ⁵	0.77	<5.0	11/11	1.4/0.99	13
EB2	3/6/00	--	<50	190	4.0	--	<0.5	<0.5/<0.5	<0.5	<5.0	9.5/<1.0	1.2/1.1	13
EB3	3/6/00	--	<50	<50	4.0	--	<0.5	<0.5/<0.5	<0.5	<5.0	<1.0/<2.5	4.0/<0.5	<2.5
EB4	3/6/00	--	<50	<50	4.0	--	<0.5	<0.5/<0.5	<0.5	<5.0	<1.0/<2.4	1.6/3.4	<2.4
EB5	3/6/00	--	<50	85	4.0	--	<0.5	<0.5/<0.5	<0.5	<5.0	<1.0/<2.9	<1.0/<0.5	<2.9
EB6	3/6/00	--	<50	<50	4.0	--	0.66	0.77/0.70	2.3	<5.0	9.7/<2.8	1.7/2.7	<2.8
EB7	3/6/00	--	<50	77	4.0	--	<0.5	<0.5/<0.5	<0.5	<5.0	1.1/<2.8	4.0/<0.5	<2.8
EB8	3/6/00	--	<50	ND	4.0	--	<0.5	ND	<0.5	<5.0	<1.0/<2.9	1.8/2.1	<2.9

Notes:

- TPHg = Total petroleum hydrocarbons reported as gasoline
- TPHd = Total petroleum hydrocarbons reported as diesel
- TRPH = Total recoverable petroleum hydrocarbons
- MTBE = Methyl tert-Butyl Ether
- SVOCs = Semi-volatile organic compounds
- = Not analyzed.
- ND = Not detected
- mg/L = Milligrams per liter (equivalent to parts per million [ppm]), in water.
- µg/L = Micrograms per liter (equivalent to parts per billion [ppb]), in water.
- 1 = Concentrations for analytes detected in one or more samples are presented.
- 2 = Halogenated volatile organic compounds were not detected in samples analyzed.
- 3 = X/Y - First by EPA Method 8260 and second by EPA Method 8020/8015.
- 4 = X/Y - First by EPA Method 8270 and second by EPA Method 8260.

TABLE 6

GROUNDWATER ANALYTICAL RESULTS FOR METALS

Canterbury Development
Olympic Avenue
Hayward, California

Sample ID	Sample Date	Antimony mg/L	Arsenic mg/L	Beryllium mg/L	Cadmium mg/L	Chromium mg/L	Copper mg/L	Lead mg/L	Nickel mg/L	Silver mg/L	Zinc mg/L	Mercury mg/L
B-1	2/26/98	0.017	0.056	0.0057	0.020	0.54	0.39	0.065	0.62	<0.005	0.69	0.0023
B-2	2/26/98	0.0056	0.016	<0.005	0.0083	0.28	0.15	0.034	0.25	0.0071	0.32	0.0018
B-3	2/26/98	0.060	0.17	0.024	0.083	1.7	1.5	0.24	1.9	<0.005	2.3	0.0088
B-4	2/26/98	0.018	0.072	0.0064	0.023	0.64	0.38	0.11	0.68	0.0062	0.73	0.0007
599B-1	5/4/99	--	--	--	--	--	--	<0.01	--	--	--	--
599B-2	5/4/99	--	--	--	--	--	--	<0.01	--	--	--	--
599B-3	5/4/99	--	--	--	--	--	--	<0.01	--	--	--	--
599B-4	5/4/99	--	--	--	--	--	--	<0.01	--	--	--	--
799B-1	7/2/99	--	--	--	<0.001	0.02	--	<0.01	<0.05	--	<0.05	--
799B-2	7/2/99	--	--	--	<0.001	<0.01	--	<0.01	<0.05	--	<0.05	--
799B-5	7/2/99	--	--	--	<0.001	0.02	--	<0.01	<0.05	--	<0.05	--
EB1	3/6/00	--	--	--	0.015	0.70	--	0.16	0.71	--	1.2	--
EB2	3/6/00	--	--	--	0.0078	0.48	--	0.14	0.49	--	0.78	--
EB3	3/6/00	--	--	--	0.0093	0.53	--	0.24	0.56	--	0.93	--
EB4	3/6/00	--	--	--	<0.0020	0.051	--	<0.0050	0.046	--	0.10	--
EB5	3/6/00	--	--	--	0.019	1.0	--	0.21	1.3	--	1.4	--
EB6	3/6/00	--	--	--	0.0076	0.40	--	0.069	0.47	--	0.59	--
EB7	3/6/00	--	--	--	0.0078	0.50	--	0.077	0.54	--	0.68	--
EB8	3/6/00	--	--	--	0.023	1.2	--	0.23	1.3	--	1.7	--

Notes:

- = Not analyzed.
- mg/L = Milligrams per liter (equivalent to parts per million [ppm]), in water

TABLE 7
SOIL AND GROUNDWATER ANALYTICAL RESULTS FOR
THE HARD PARK PROPERTY¹
 Canterbury Residential Development
 Hayward, California

SOIL RESULTS
 (reported in milligrams per kilograms; mg/kg)

Sample No.	Depth (feet bgs)	TRPH	Total Chromium	Total Lead	HVOCs
TH-1	2.5'	80	22.0	42.3	<0.0005
TH-1	10.5'	<20	NA	NA	NA
TH-2	1'	40	16.4	9.32	NA
TH-2	10'	<20	NA	NA	NA
TH-3	2.5'	<20	18.5	8.92	NA
TH-3	10'	<20	NA	NA	NA

GROUNDWATER RESULTS²
 (reported in micrograms per liter; µg/L)

Sample No.	Depth to Water (feet bgs)	TPHg	Benzene	Toluene	Ethylbenzene	Total Xylenes
TH-1	9.8'	ND	ND	ND	ND	ND

Notes:

1 Earth Systems Environmental Inc., 1991, "Phase II Environmental Site Assessment, 695 Industrial Parkway, Hayward, California," June 17.

2 Laboratory data sheet not provided to specify detection limits.

NA – Not analyzed

ND – Not detected

HVOCs – Halogenated volatile organic compounds by U.S.EPA Method 8010.

TPHg – Total petroleum hydrocarbons as gasoline.

TRPH – Total recoverable petroleum hydrocarbons by U.S. Method 418.1.

TABLE 8
SUMMARY OF INFORMATION FROM THE REGULATORY AGENCY FILE REVIEW
 Canterbury Residential Development
 Hayward, California

Site Name	Site Address	Source(s) of Information (Lead Agency)	Site History and Description	Maximum Concentrations of Constituents Detected in Soil and Groundwater		Direction of Groundwater Flow	Distance (miles) and Direction from Site	
				Soil ¹	Groundwater ²			
Subject Property	670 Olympic Avenue	EDR HFD	Listed as a LUST and closed	See Section 4.6.2.1		Southeast	On-site	-
Toomey Trucking	687 Olympic Avenue	EDR HFD	1978 – A 10,000-gallon bare steel, double walled UST was installed for the Eager Beaver Trucking Co. 1985 – Last registration notice for the UST, no additional records were found	Not Available		Southeast	Adjacent	South and East
Duncan & Son Petroleum	29303 Pacific Street	EDR HFD	1986 – Eight monitoring wells were installed to evaluate extent of petroleum hydrocarbon impact to groundwater beneath the site July 1986 – Three wells contained free product, the other five contained varying levels of TPHg, TPHd and BTEX July 1987 – A free product recovery system was installed, however it was only run for a short time Sept. 1992 and Oct. 1998 – Sampling events occurred March 1999 – Nine USTs were removed Since the USTs were removed, a remediation plan has been proposed and accepted by the HFD.	TPHg 340 TPHd 7,500 B 5.7 T 0.69 E 18 X 3.5 MTBE 3.7	8,500 1,800 1,400 520 460 220 10,000	Southeast	0.4	North-northeast
Plank Company	299220 Pacific Street	EDR HFD	1991 – A 2,000-gallon gasoline UST was removed by Aqua Science Engineers No further action has been recorded	TPHg 4,600 B 5.6 T 65 E 24 X 180	2,800 72 250 10 190	Southeast	0.3	North-northeast

Notes:

¹ Soil results are reported in milligrams per kilogram (mg/kg)

² Groundwater results are reported in micrograms per liter (µg/l).

Abbreviations:

EDR = Environmental Data Resources, Inc.

LUST = Leaking Underground Storage Tank Incident Reports Database

HFD = Hayward Fire Department

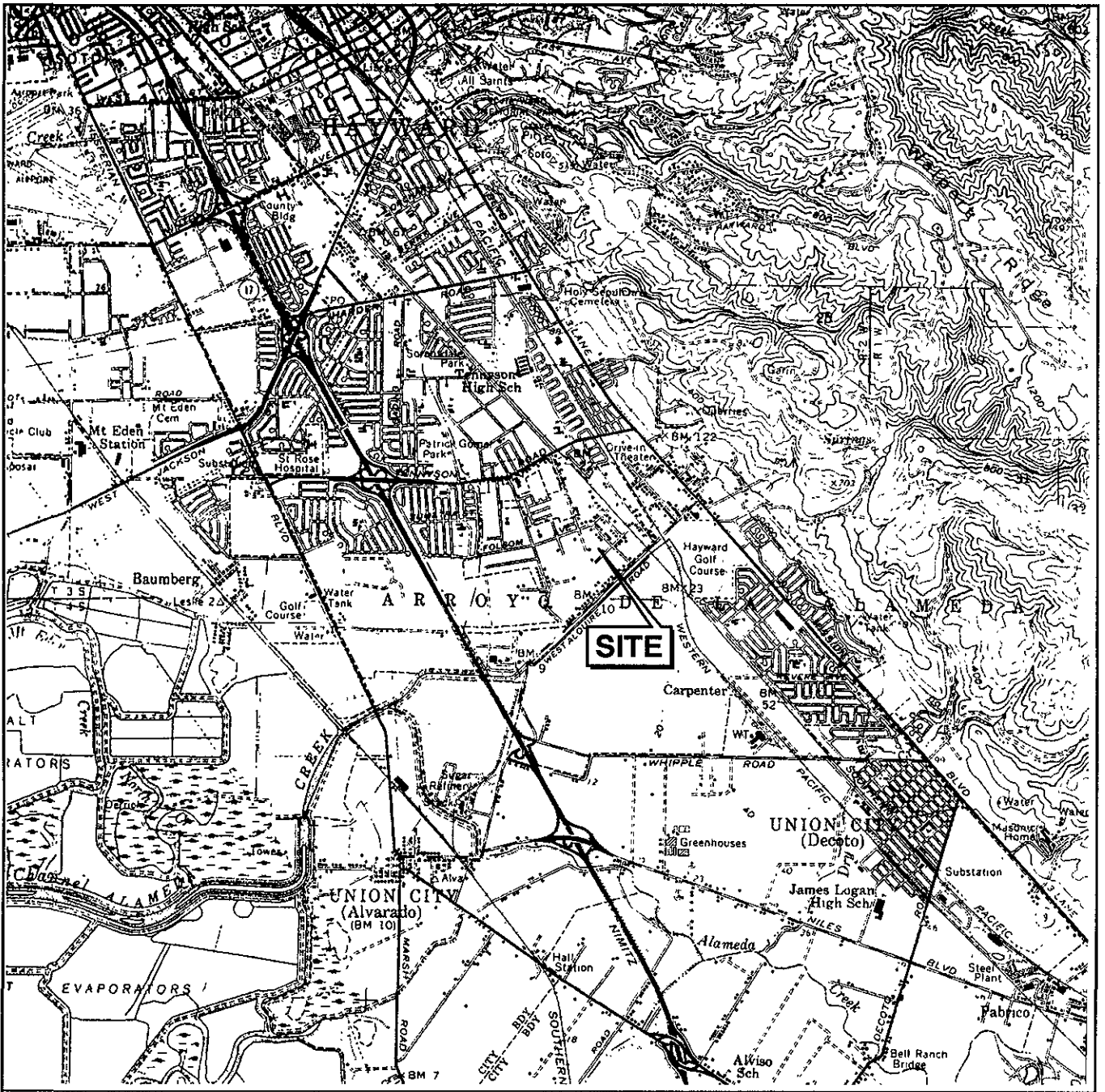
BTEX = Benzene, toluene, ethylbenzene, and total xylenes

TPHd = Total petroleum hydrocarbons as diesel

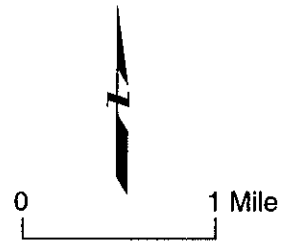
TPHg = Total petroleum hydrocarbons as gasoline

UST = Underground storage tank


FIGURES

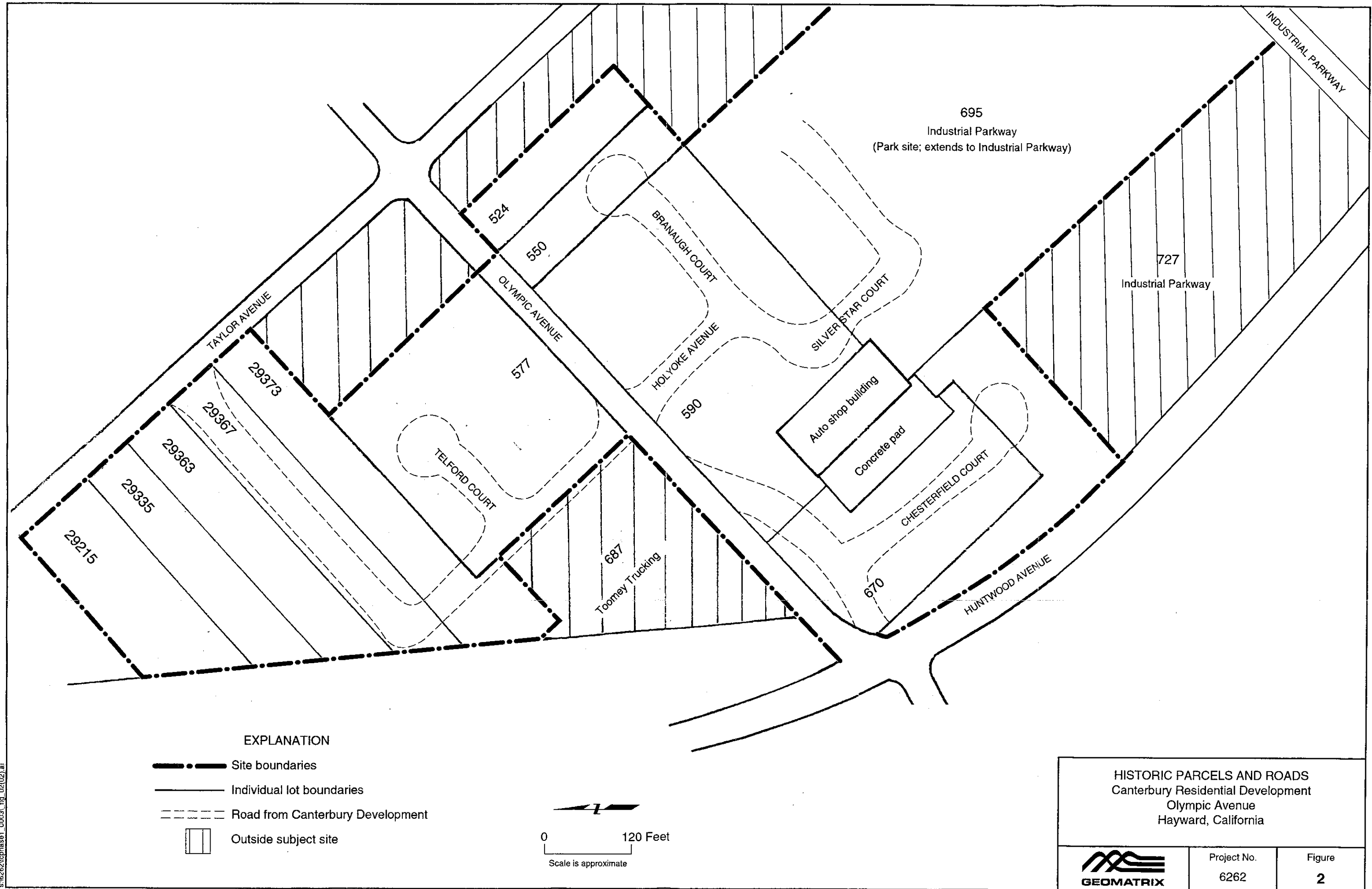


Base map from U.S. Geological Survey; Hayward Quadrangle (California), 15 Minute series (topographic), 1959.



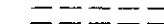



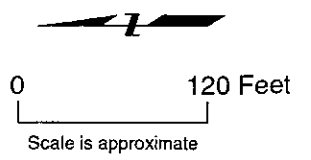
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 GEOMATRIX	SITE LOCATION MAP Canterbury Residential Development Olympic Avenue Hayward, California	Project No. 6262
		Figure 1



EXPLANATION

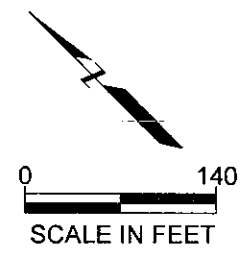
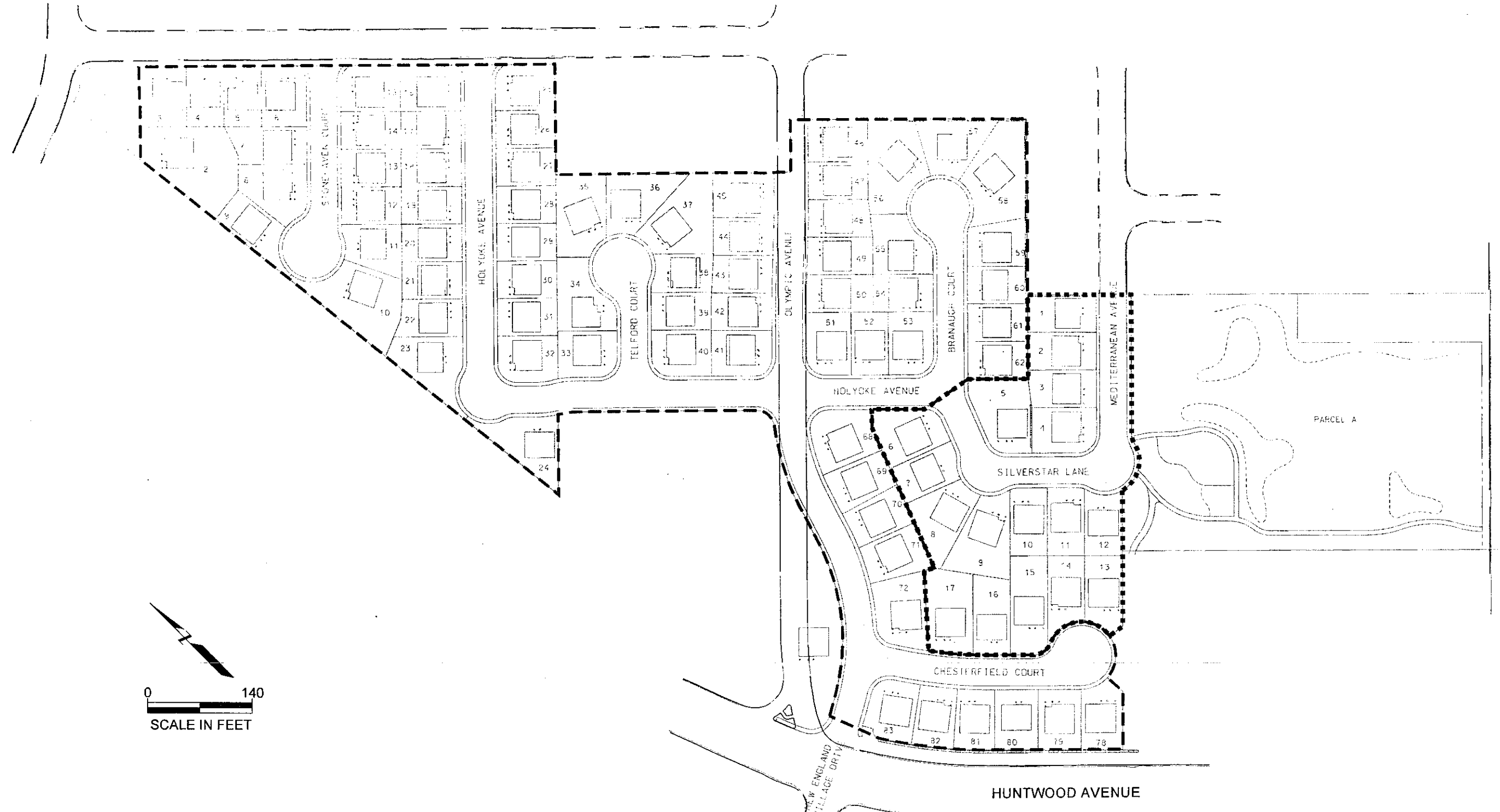
-  Site boundaries
-  Individual lot boundaries
-  Road from Canterbury Development
-  Outside subject site




<p>HISTORIC PARCELS AND ROADS Canterbury Residential Development Olympic Avenue Hayward, California</p>		
	<p>Project No. 6262</p>	<p>Figure 2</p>

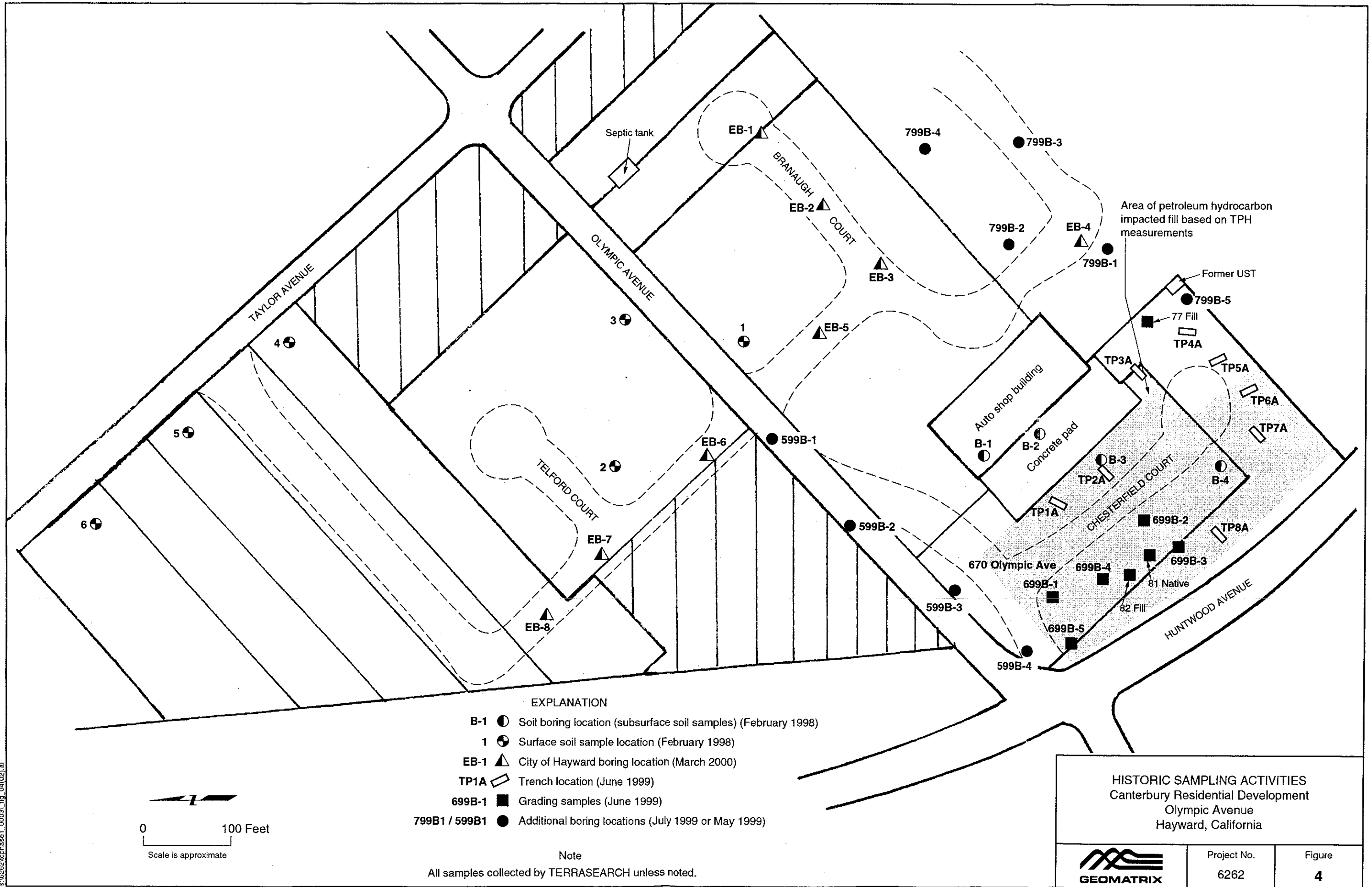
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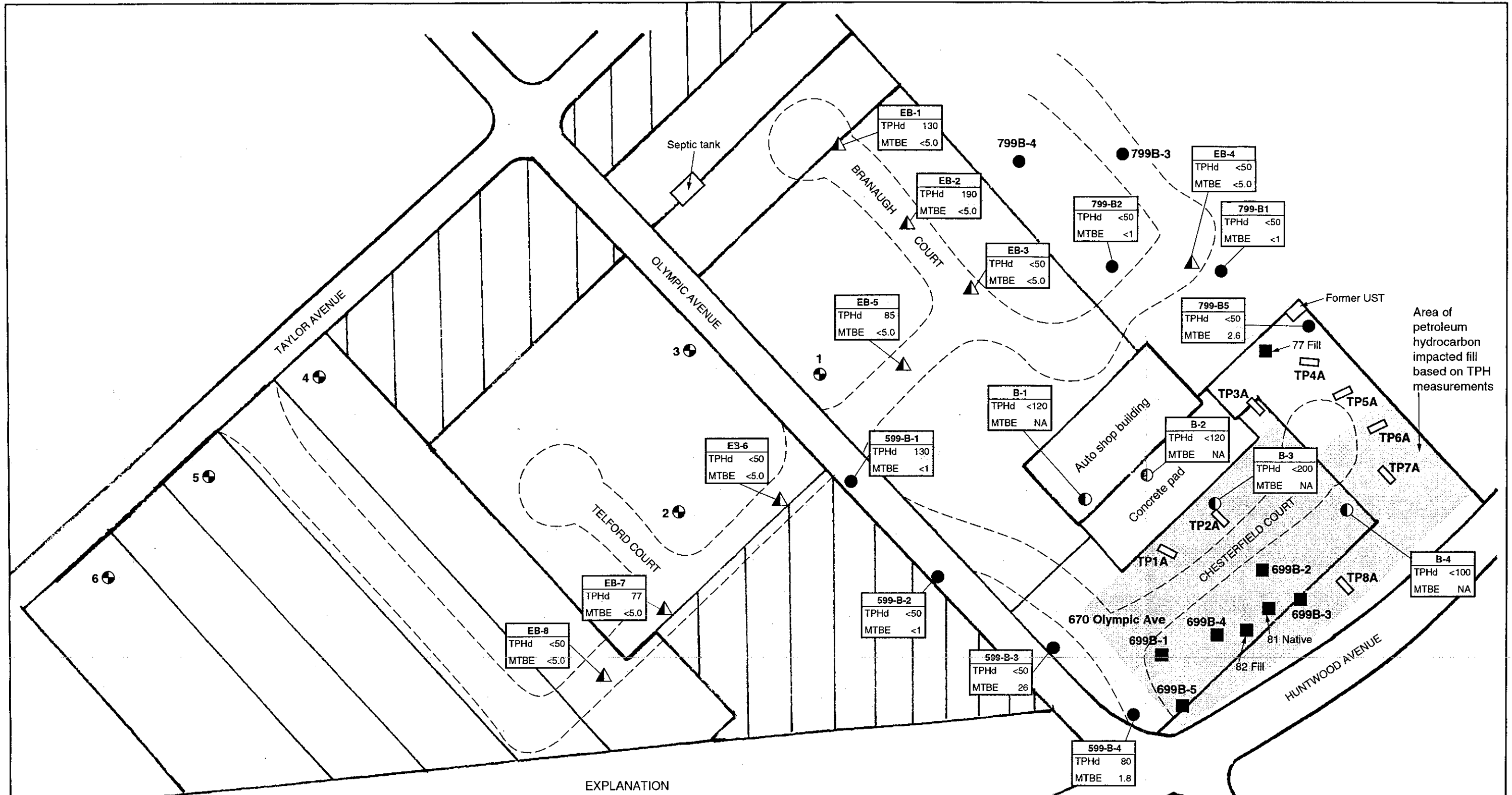


- EXPLANATION**
- TRACT 7124 (TRS)
 - TRACT 7069 (TRN)

<p>SITE PLAN SHOWING RESIDENTIAL DEVELOPMENT Canterbury Development Hayward, California</p>		
 <p>GEOMATRIX</p>	<p>Project No. 6262.000 6</p>	<p>Figure 3</p>



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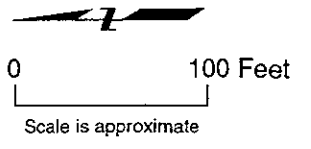
EXPLANATION


EB-7	Boring number
TPHd 77	Measured results (results reported as micograms per liter µg/l)
MTBE ND	

NA - Not analyzed
 <5.0 below detection limit
 Analyte

- B-1 ● Soil boring location (subsurface soil samples) (February 1998)
- 1 ⊕ Surface soil sample location (February 1998)
- EB-1 ▲ City of Hayward boring location (March 2000)
- TP1A □ Trench location (June 1999)
- 699B-1 ■ Grading samples (June 1999)
- 799B1 / 599B1 ● Additional boring locations (July 1999 or May 1999)

Note
 All samples collected by TERRASEARCH unless noted.



GROUNDWATER ANALYTICAL RESULTS FOR TPHd and MTBE Canterbury Residential Development Olympic Avenue Hayward, California		
 GEOMATRIX	Project No. 6262	Figure 5

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APPENDIX A

The EDR Radius Map with GeoCheck



The EDR-Radius Map with GeoCheck[®]

Summerhill Homes
Taylor + Olympic Avenue
Hayward, CA 94544

Inquiry Number: 474670.1s

March 16, 2000

The Source For Environmental Risk Management Data

3530 Post Road
Southport, Connecticut 06490

Nationwide Customer Service

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

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Government Records Searched / Data Currency Tracking Addendum.....	A9

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc. (EDR). The report meets the government records search requirements of ASTM Standard Practice for Environmental Site Assessments, E 1527-97. Search distances are per ASTM standard or custom distances requested by the user.

TARGET PROPERTY ADDRESS

TAYLOR + OLYMPIC AVENUE
HAYWARD, CA 94544

TARGET PROPERTY COORDINATES

Latitude (North): 37.624880 - 37° 37' 29.6"
Longitude (West): 122.056070 - 122° 3' 21.9"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 583297.9
UTM Y (Meters): 4164410.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: 2437122-E1 NEWARK, CA
Source: USGS 7.5 min quad index

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following government records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
UNDERGROUND STORAGE TANK CASE 670 OLYMPIC AVE HAYWARD, CA 94544	LUST	N/A

SURROUNDING SITES: DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the ASTM E 1527-97 search radius around the target property for the following Databases:

FEDERAL ASTM STANDARD

NPL:..... National Priority List
Delisted NPL:..... NPL Deletions
CERCLIS:..... Comprehensive Environmental Response, Compensation, and Liability Information System
CORRACTS:..... Corrective Action Report
RCRIS-TSD:..... Resource Conservation and Recovery Information System
RCRIS-LQG:..... Resource Conservation and Recovery Information System
ERNS:..... Emergency Response Notification System

STATE ASTM STANDARD

AWP:..... AWP
Notify 65:..... Notify 65
Toxic Plts:..... Toxic Pits
SWF/LF:..... State Landfill

EXECUTIVE SUMMARY

WMUDS:..... WMUDS/SWAT
Ca. BEP:..... CA Bond Exp. Plan

FEDERAL ASTM SUPPLEMENTAL

CONSENT:..... Superfund (CERCLA) Consent Decrees
ROD:..... ROD
FINDS:..... Facility Index System/Facility Identification Initiative Program Summary Report
HMIRS:..... Hazardous Materials Information Reporting System
MLTS:..... Material Licensing Tracking System
MINES:..... Mines Master Index File
NPL Lien:..... NPL Liens
PADS:..... PCB Activity Database System
RAATS:..... RCRA Administrative Action Tracking System
TRIS:..... Toxic Chemical Release Inventory System
TSCA:..... Toxic Substances Control Act

STATE OR LOCAL ASTM SUPPLEMENTAL

AST:..... Aboveground Petroleum Storage Tank Facilities
Ca. WDS:..... CA WDS
CA SLIC:..... CA SLIC regions.
SMS R_2:..... South Bay Site Management System

EDR PROPRIETARY DATABASES

Coal Gas:..... Former Manufactured gas (Coal Gas) Sites.

SURROUNDING SITES: DATABASES WITH MAPPED SITES

Unmapped (orphan) sites are not considered in the foregoing analysis.

Elevations have been determined from the USGS 1 degree Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. EDR's definition of a site with an elevation equal to the target property includes a tolerance of +/- 10 feet. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property (by more than 10 feet). Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in *bold italics* are in multiple databases.

FEDERAL ASTM STANDARD

CERCLIS-NFRAP: As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund Action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

A review of the CERC-NFRAP list, as provided by EDR, and dated 02/14/2000 has revealed that there is 1 CERC-NFRAP site within approximately 0.25 miles of the target property.

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BAY AREA RAPID TRANSIT DIST	500 INDUSTRIAL PKWY W	1/8 - 1/4ESE	B5	10

RCRIS: The Resource Conservation and Recovery Act database includes selected information on sites that generate, store, treat, or dispose of hazardous waste as defined by the Act. The source of this database is the U.S. EPA.

A review of the RCRIS-SQG list, as provided by EDR, and dated 09/01/1999 has revealed that there are 3 RCRIS-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>TOOMEYS TRUCK & DIESEL</i>	<i>727 INDUSTRIA PKWY</i>	<i>1/8 - 1/4SSE</i>	<i>C7</i>	<i>13</i>
<i>INVAC ENVIRONMENTAL INC</i>	<i>749 INDUSTRIAL PARKWAY</i>	<i>1/8 - 1/4S</i>	<i>C14</i>	<i>15</i>
<i>PARKWAY AUTO BODY</i>	<i>877 INDUSTRIAL PKWY W</i>	<i>1/8 - 1/4S</i>	<i>17</i>	<i>16</i>

STATE ASTM STANDARD

CAL-SITES: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control.

A review of the Cal-Sites list, as provided by EDR, has revealed that there is 1 Cal-Sites site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
BAY AREA RAPID TRANSIT DISTRIC	500 INDUSTRIAL PKWY W	1/8 - 1/4ESE	B6	10

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 12/31/1994 has revealed that there is 1 CHMIRS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
Not reported	MISSION BLVD AT FARWAY	1/2 - 1 ESE	38	33

CORTESE: This database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with USTs having a reportable release and all solid waste disposal facilities from which there is known migration. The source is the California Environmental Protection Agency/Office of Emergency Information.

A review of the Cortese list, as provided by EDR, has revealed that there are 20 Cortese sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
INDUSTRIAL PUMP STATION	(NO STREET NBR) HUNTWOOD	1/8 - 1/4S	15	15
DUNCAN & SON PETROLEUM	29303 PACIFIC ST	1/4 - 1/2NE	D18	16

EXECUTIVE SUMMARY

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>BAY FORD TRACTORS</i>	<i>975 INDUSTRIAL PKWY W</i>	<i>1/4 - 1/2S</i>	<i>20</i>	<i>17</i>
<i>PLANK COMPANY</i>	<i>29220 PACIFIC ST</i>	<i>1/4 - 1/2NNE</i>	<i>21</i>	<i>18</i>
<i>VINCES EQUIPMENT RENTAL</i>	<i>1441 INDUSTRIAL PKWY W</i>	<i>1/4 - 1/2SSW</i>	<i>22</i>	<i>18</i>
<i>SILVIA'S PIPELINE INC</i>	<i>1310 RUUS LN</i>	<i>1/2 - 1 WSW</i>	<i>23</i>	<i>19</i>
<i>APEX</i>	<i>30640 SAN CLEMENTE ST</i>	<i>1/2 - 1 SSE</i>	<i>24</i>	<i>20</i>
<i>INTERNATIONAL WINDOW</i>	<i>30526 SAN ANTONIO ST</i>	<i>1/2 - 1 SE</i>	<i>25</i>	<i>20</i>
<i>THRIFT CENTER</i>	<i>29498 MISSION BLVD</i>	<i>1/2 - 1 NE</i>	<i>26</i>	<i>21</i>
<i>BEACON STATION # 546</i>	<i>29705 MISSION BLVD.</i>	<i>1/2 - 1 ENE</i>	<i>27</i>	<i>22</i>
<i>PESTANA PROPERTY</i>	<i>29234 MISSION BLVD</i>	<i>1/2 - 1 NNE</i>	<i>28</i>	<i>23</i>
<i>A & J ELECTRIC CABLE COMP</i>	<i>30608 SAN ANTONIO ST</i>	<i>1/2 - 1 SE</i>	<i>29</i>	<i>24</i>
<i>ARCO</i>	<i>29900 MISSION BLVD</i>	<i>1/2 - 1 ENE</i>	<i>30</i>	<i>24</i>
<i>ECONO GAS BEACON</i>	<i>438 W TENNYSON RD</i>	<i>1/2 - 1 NW</i>	<i>31</i>	<i>25</i>
<i>BP</i>	<i>28590 MISSION BLVD</i>	<i>1/2 - 1 NNE</i>	<i>32</i>	<i>26</i>
<i>PROPAK-CALIFORNIA CORP</i>	<i>30887 SAN ANTONIO ST</i>	<i>1/2 - 1 SE</i>	<i>33</i>	<i>26</i>
<i>EXXON SERVICE STATION NO 7-255</i>	<i>650 TENNYSON ST/MISSION</i>	<i>1/2 - 1 N</i>	<i>34</i>	<i>27</i>
<i>ROTTEN ROBBIE #49</i>	<i>720 W. TENNYSON RD.</i>	<i>1/2 - 1 NW</i>	<i>35</i>	<i>30</i>
<i>GULF</i>	<i>895 W TENNYSON RD</i>	<i>1/2 - 1 WNW</i>	<i>36</i>	<i>32</i>
<i>MISSION TIRE</i>	<i>28149 MISSION BLVD</i>	<i>1/2 - 1 N</i>	<i>37</i>	<i>33</i>

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 01/03/2000 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>DUNCAN AND SON PETROLEUM</i>	<i>29303 PACIFIC ST</i>	<i>1/4 - 1/2NE</i>	<i>D19</i>	<i>17</i>
<i>BAY FORD TRACTORS</i>	<i>975 INDUSTRIAL PKWY W</i>	<i>1/4 - 1/2S</i>	<i>20</i>	<i>17</i>
<i>PLANK COMPANY</i>	<i>29220 PACIFIC ST</i>	<i>1/4 - 1/2NNE</i>	<i>21</i>	<i>18</i>
<i>VINCES EQUIPMENT RENTAL</i>	<i>1441 INDUSTRIAL PKWY W</i>	<i>1/4 - 1/2SSW</i>	<i>22</i>	<i>18</i>

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EAGER BEAVER TRUCKING COMPANY</i>	<i>687 OLYMPIC AVE.</i>	<i>0 - 1/8 SW</i>	<i>A2</i>	<i>9</i>
<i>HAYWARD SHOP</i>	<i>500 INDUSTRIAL PARKWAY,</i>	<i>1/8 - 1/4ESE</i>	<i>B4</i>	<i>9</i>

CA FID: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the Ca. FID list, as provided by EDR, has revealed that there is 1 Ca. FID site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
<i>EAGER BEAVER TRUCKING COMPANY</i>	<i>687 OLYMPIC AVE</i>	<i>0 - 1/8 SW</i>	<i>A3</i>	<i>9</i>

EXECUTIVE SUMMARY

STATE OR LOCAL ASTM SUPPLEMENTAL

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency

A review of the HAZNET list, as provided by EDR, has revealed that there are 8 HAZNET sites within approximately 0.25 miles of the target property.

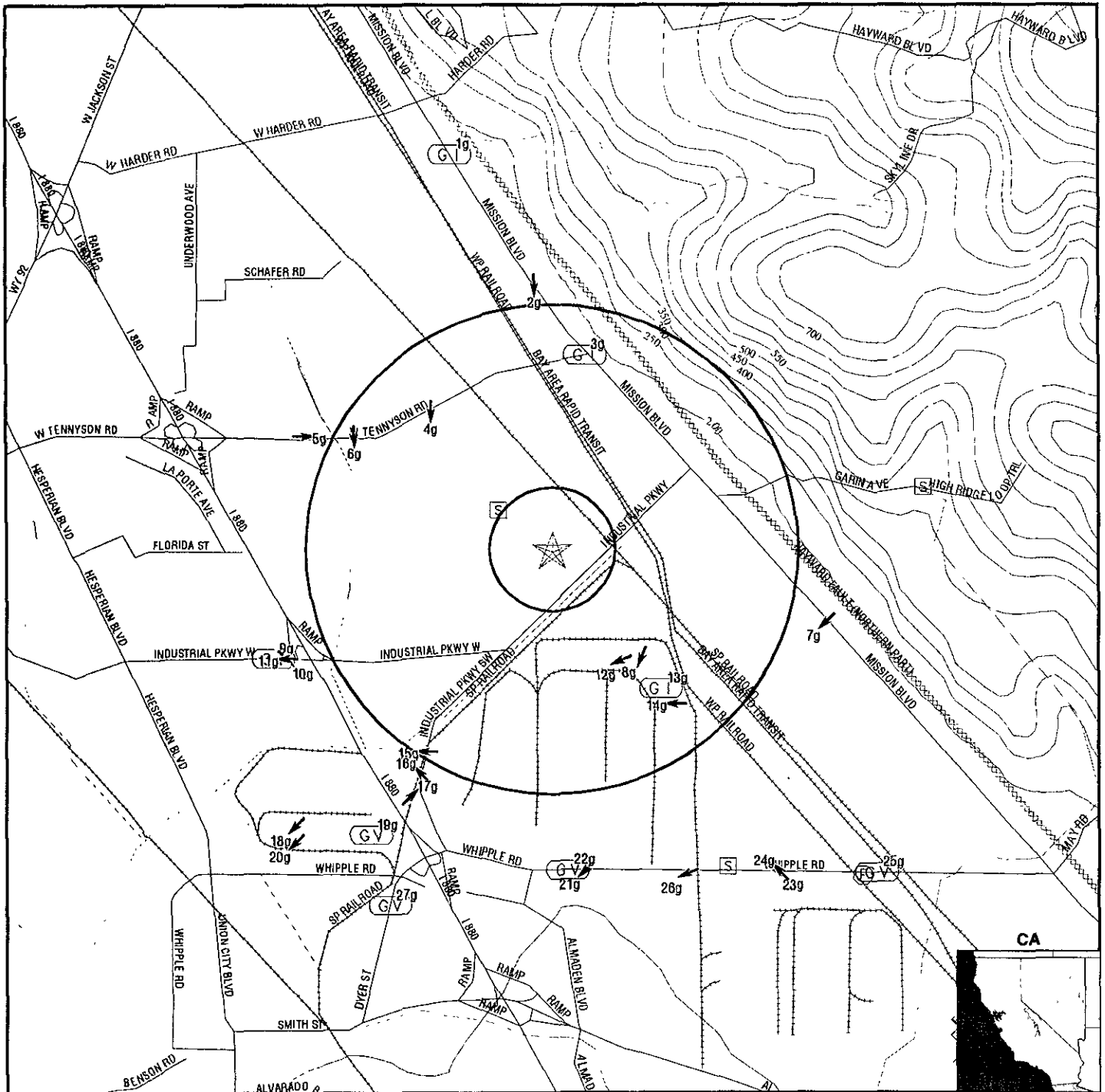
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
J T MOTORSPORT	727 INDUSTRIAL PKWY W	1/8 - 1/4 SSE	C8	13
ANH AUTO REPAIR	727 INDUSTRIAL BLVD	1/8 - 1/4 SSE	C9	13
MARCH PROPERTIES	727 INDUSTRIAL PKWY W	1/8 - 1/4 SSE	C10	14
FILCO	727 INDUSTRIAL PKWY W	1/8 - 1/4 SSE	C11	14
J AND H CARBURATOR	727 INDUSTRIAL PKWY W S	1/8 - 1/4 SSE	C12	14
A & A BODY & PAINT	727 INDUSTRIAL PKWY W S	1/8 - 1/4 SSE	C13	15
WASTE MANAGEMENT INC	29331 PACIFIC ST	1/8 - 1/4 NNE	16	16
<i>PARKWAY AUTO BODY</i>	<i>877 INDUSTRIAL PKWY W</i>	<i>1/8 - 1/4 S</i>	<i>17</i>	<i>16</i>

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

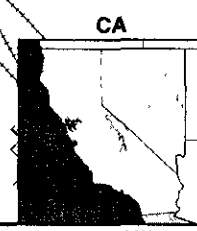
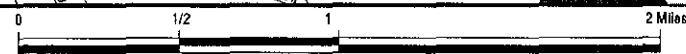
<u>Site Name</u>	<u>Database(s)</u>
CATELLUS - UNION CITY	Cal-Sites
CAL STATE UNIV HAYWARD	LUST, Cortese
WIEGMAN FARMS	CERC-NFRAP
ALL CITIES LF/KOFY RADIO SITE	SWF/LF
OLD WEST WINTON LANDFILL	SWF/LF
WARMINGTON HOMES	LUST
INDUSTRIAL PUMP STATION	LUST
93142	UST
CALTRANS WHIPPLE RD BRIDGE	HAZNET
PRECISION METAL TOOLING INC	HAZNET
MEIDA COLOR CARD	HAZNET
ENGINE LOCATORS	HAZNET
SIMSMETAL AMERICA/HAYWARD DIVISION	HAZNET
ARBORECH, INC.	HAZNET
GOLDEN GATE AUTO BODY	HAZNET
UNIVERSAL AUTOBODY SHOP & REPAIR	HAZNET
DURHAM TRANSPORTATION INC	HAZNET
PACIFIC BUSINESS PARK OWNERS ASSO	HAZNET
LINCOLN PROPERTY COMPANY	CA SLIC

TOPOGRAPHIC MAP - 474670.1s - Geomatrix Consultants



- Major Roads
- Contour Lines
- Waterways
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Closest Federal Well in quadrant
- Closest State Well in quadrant
- Closest Public Water Supply Well

- Closest Hydrogeological Data
- Oil, gas or related wells
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location



TARGET PROPERTY: Summerhill Homes ADDRESS: Taylor + Olympic Avenue CITY/STATE/ZIP: Hayward CA 94544 LAT/LONG: 37.6249 / 122.0561	CUSTOMER: Geomatrix Consultants CONTACT: Bryan Turner INQUIRY #: 474670.1s DATE: March 16, 2000 1:26 pm
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GEOCHECK VERSION 2.1 SUMMARY

TARGET PROPERTY COORDINATES

Latitude (North): 37.624882 - 37° 37' 29.6"
 Longitude (West): 122.056068 - 122° 3' 21.8"
 Universal Transverse Mercator: Zone 10
 UTM X (Meters): 583297.9
 UTM Y (Meters): 4164410.2

USGS TOPOGRAPHIC MAP ASSOCIATED WITH THIS SITE

Target Property: 2437122-E1 NEWARK, CA

GEOLOGIC AGE IDENTIFICATION†

Geologic Code: Q
 Era: Cenozoic
 System: Quaternary
 Series: Quaternary

ROCK STRATIGRAPHIC UNIT‡

Category: Stratified Sequence

GROUNDWATER FLOW INFORMATION

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

AQUIFLOW**** Search Radius: 2.000 Miles. The following table shows sites where groundwater flow and depth information was reported. Additional AQUIFLOW™ site information may be available in the GeoCheck® section at the end of this report.

MAP ID	DISTANCE FROM TP	DIRECTION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2g	1 - 2 Miles	North	S
3g	1/2 - 1 Mile	North	SE, SW
4g	1/2 - 1 Mile	NW	S
5g	1 - 2 Miles	WNW	E
6g	1/2 - 1 Mile	WNW	S
7g	1 - 2 Miles	ESE	SW
8g	1/2 - 1 Mile	SE	SSW
9g	1 - 2 Miles	WSW	W, NW, Varie
10g	1 - 2 Miles	WSW	SE
11g	1 - 2 Miles	WSW	W
12g	1/2 - 1 Mile	SSE	WSW
13g	1/2 - 1 Mile	SE	N,S,Varies
14g	1/2 - 1 Mile	SE	W
15g	1/2 - 1 Mile	SSW	W
16g	1 - 2 Miles	SSW	NW
17g	1 - 2 Miles	SSW	NE
18g	1 - 2 Miles	SW	SW
19g	1 - 2 Miles	SSW	Varies
20g	1 - 2 Miles	SW	SW
21g	1 - 2 Miles	South	SW
22g	1 - 2 Miles	South	Varies
23g	1 - 2 Miles	SE	SE
24g	1 - 2 Miles	SE	NW

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

‡ U.S. EPA Ground Water Handbook, Vol. 1, Ground Water and Contamination, Office of Research and Development EPA/625/8-90/018a, Chapter 4, page 79, September 1990.

**** EDR AQUIFLOW™ information System of hydrogeologically determined groundwater flow directions at specific locations. See the data pages at the end of this report for a complete description.

GEOCHECK VERSION 2.1 SUMMARY

<u>MAP ID</u>	<u>DISTANCE FROM TP</u>	<u>DIRECTION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
25g	1 - 2 Miles	SE	Varies
26g	1 - 2 Miles	SSE	WSW
27g	1 - 2 Miles	SSW	Varies

For additional site information, refer to GeoCheck Appendix.

General Topographic Gradient at Target Property: General SSE
 General Hydrogeologic Gradient at Target Property: No hydrogeologic data available.

Site-Specific Hydrogeological Data*:

Search Radius: 2.0 miles
 Status: Not found

FEDERAL DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>	<u>LITHOLOGY</u>	<u>DEPTH TO WATER TABLE</u>
Southern	1 - 2 Miles	Sand and gravel	Not Reported
Western	>2 Miles	Not Reported	Not Reported

STATE DATABASE WELL INFORMATION

<u>WELL QUADRANT</u>	<u>DISTANCE FROM TP</u>
Northern	>2 Miles
Eastern	1 - 2 Miles
Southern	1 - 2 Miles
Western	1/4 - 1/2 Mile

STATE OIL/GAS WELL INFORMATION

<u>API #</u>	<u>DISTANCE FROM TP</u>
NO WELLS FOUND	

PUBLIC WATER SUPPLY SYSTEM INFORMATION

No wells found within 1.000 miles.

AREA RADON INFORMATION

EPA Radon Zone for ALAMEDA County: 2

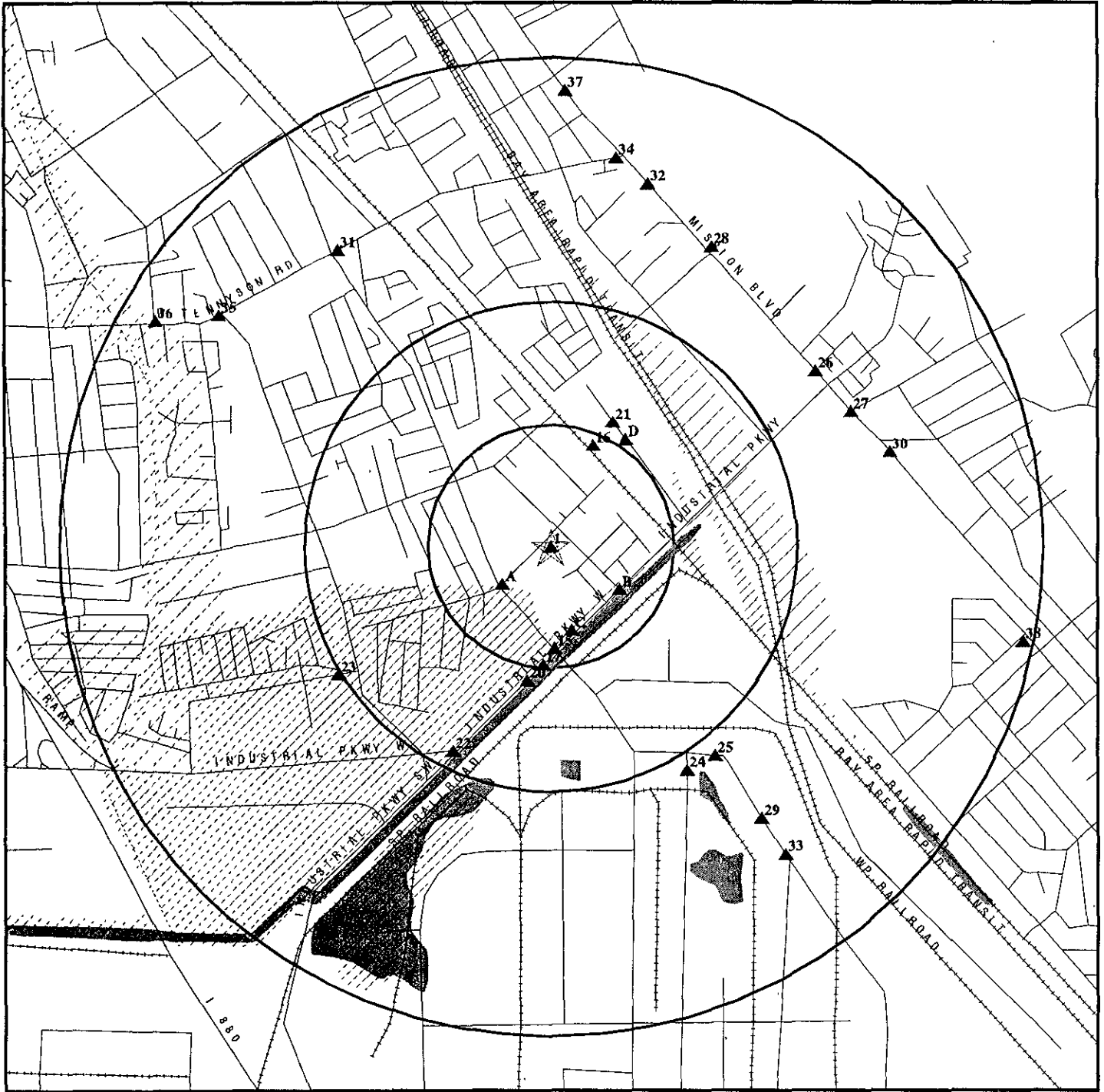
Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Zip Code: 94544

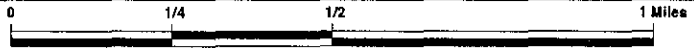
Number of sites tested: 3

<u>Area</u>	<u>Average Activity</u>	<u>% <4 pCi/L</u>	<u>% 4-20 pCi/L</u>	<u>% >20 pCi/L</u>
Living Area - 1st Floor	0.100 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

OVERVIEW MAP - 474670.1s - Geomatrix Consultants

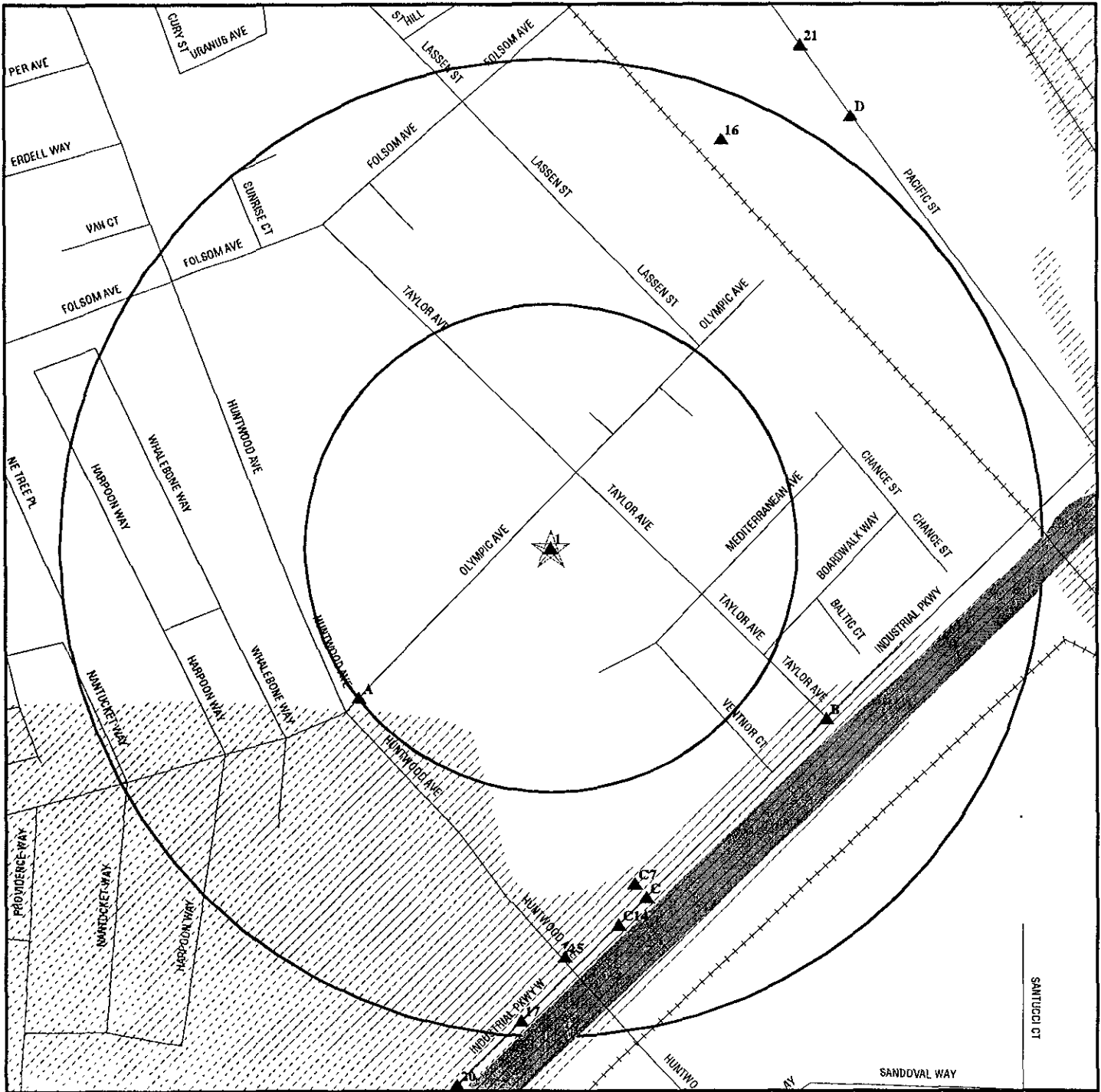


- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ▨ National Priority List Sites
- ▨ Landfill Sites
- Power transmission lines
- Oil & Gas pipelines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- ▨ Wetlands per National Wetlands Inventory (1994)
- ▨ Areas of Concern



TARGET PROPERTY: Summerhill Homes ADDRESS: Taylor + Olympic Avenue CITY/STATE/ZIP: Hayward CA 94544 LAT/LONG: 37.6249 / 122.0561	CUSTOMER: Geomatrix Consultants CONTACT: Bryan Turner INQUIRY #: 474670.1s DATE: March 16, 2000 1:17 pm
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DETAIL MAP - 474670.1s - Geomatrix Consultants



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Coal Gasification Sites (if requested)
- ♣ Sensitive Receptors
- ▨ National Priority List Sites
- ▩ Landfill Sites

- ⚡ Power transmission lines
- ⚡ Oil & Gas pipelines
- ▨ 100-year flood zone
- ▩ 500-year flood zone
- ▩ Wetlands per National Wetlands Inventory (1994)

▨ Areas of Concern



TARGET PROPERTY: Summerhill Homes
ADDRESS: Taylor + Olympic Avenue
CITY/STATE/ZIP: Hayward CA 94544
LAT/LONG: 37.6249 / 122.0561

CUSTOMER: Geomatrix Consultants
CONTACT: Bryan Turner
INQUIRY #: 474670.1s
DATE: March 16, 2000 1:23 pm

MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>FEDERAL ASTM STANDARD</u>								
NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.250	0	1	NR	NR	NR	1
CORRACTS		1.000	0	0	0	0	NR	0
RCRIS-TSD		0.500	0	0	0	NR	NR	0
RCRIS Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRIS Sm. Quan. Gen.		0.250	0	3	NR	NR	NR	3
ERNS		TP	NR	NR	NR	NR	NR	0
<u>STATE ASTM STANDARD</u>								
AWP		1.000	0	0	0	0	NR	0
Cal-Sites		1.000	0	1	0	0	NR	1
CHMIRS		1.000	0	0	0	1	NR	1
Cortese		1.000	0	1	4	15	NR	20
Notify 65		1.000	0	0	0	0	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
LUST	X	0.500	0	0	4	NR	NR	4
UST		0.250	1	1	NR	NR	NR	2
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
CA FID		0.250	1	0	NR	NR	NR	1
<u>FEDERAL ASTM SUPPLEMENTAL</u>								
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
FINDS		TP	NR	NR	NR	NR	NR	0
HMIRS		TP	NR	NR	NR	NR	NR	0
MLTS		TP	NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
NPL Liens		TP	NR	NR	NR	NR	NR	0
PADS		TP	NR	NR	NR	NR	NR	0
RAATS		TP	NR	NR	NR	NR	NR	0
TRIS		TP	NR	NR	NR	NR	NR	0
TSCA		TP	NR	NR	NR	NR	NR	0
<u>STATE OR LOCAL ASTM SUPPLEMENTAL</u>								
AST		TP	NR	NR	NR	NR	NR	0
CA WDS		TP	NR	NR	NR	NR	NR	0
CA SLIC		0.500	0	0	0	NR	NR	0
HAZNET		0.250	0	8	NR	NR	NR	8
SMS R_2		TP	NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Target Property</u>	<u>Search Distance (Miles)</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
<u>EDR PROPRIETARY DATABASES</u>								
Coal Gas		1.000	0	0	0	0	NR	0
AQUIFLOW - see EDR GeoCheck Summary								

TP = Target Property

NR = Not Requested at this Search Distance

* Sites may be listed in more than one database

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

Coal Gas Site Search: No site was found in a search of Real Property Scan's ENVIROHAZ database.

1 **UNDERGROUND STORAGE TANK CASE** **LUST** **S104025133**
 Target **670 OLYMPIC AVE**
 Property **HAYWARD, CA 94544** **N/A**

State LUST:
 Cross Street: Not reported
 Reg Board: San Francisco Bay Region Qty Leaked: Not reported
 Chemical: Waste Oil
 Lead Agency: Local Agency
 Case Type: Other ground water affected
 Status: Not reported
 Review Date: 09/08/1999 Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: Not reported
 Close Date: 8/16/1999 Release Date: 03/03/1999

LUST Region 2:
 Region: 2
 File Number: 01-2485
 Entered Date: 9/8/99
 Facility Status: Signed off, remedial action completed or deemed unnecessary
 Maximum Soil Concentration: 550
 Maximum Groundwater Impact: 26000
 Current Benzene in Groundwater: Not reported
 MTBE Contamination Level: 3
 Maximum MTBE Groundwater: 3

A2 **EAGER BEAVER TRUCKING COMPANY** **UST** **U001597050**
SW **687 OLYMPIC AVE.**
< 1/8 **HAYWARD, CA 94544** **N/A**
658
Higher

State UST:
 Facility ID: 46514
 Tank Num: 1 Container Num: 1
 Tank Capacity: 10000 Year Installed: 1978
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL Tank Constrctn: 1/4 inches
 Leak Detection: Stock Inventor, Pressure Test
 Contact Name: KIM C. WILKINS Telephone: (415) 887-6774
 Total Tanks: 1 Region: Not reported
 Facility Type: 2 Other Type: TRUCKING COMPANY

A3 **EAGER BEAVER TRUCKING COMPANY** **Ca. FID** **S101623677**
SW **687 OLYMPIC AVE**
< 1/8 **HAYWARD, CA 94544** **N/A**
658
Higher

B4 **HAYWARD SHOP** **UST** **U001597063**
ESE **500 INDUSTRIAL PARKWAY, WEST**
1/8-1/4 **HAYWARD, CA 94544** **N/A**
870
Higher

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

HAYWARD SHOP (Continued)

U001597063

State UST:

Facility ID:	1257	Container Num:	05-1-OHY
Tank Num:	1	Year Installed:	1982
Tank Capacity:	1000		
Tank Used for:	WASTE		
Type of Fuel:	WASTE OIL	Tank Constrcn:	1/4 inches
Leak Detection:	Visual		
Contact Name:	E. D. AQUILINA	Telephone:	(415) 475-2188
Total Tanks:	1	Region:	Not reported
Facility Type:	2	Other Type:	MAINTENANCE FACILITY

B5
ESE
1/8-1/4
870
Higher

BAY AREA RAPID TRANSIT DIST
500 INDUSTRIAL PKWY W
HAYWARD, CA 94544

CERC-NFRAP 1000102325
CAD093447456

CERCLIS-NFRAP Classification Data:

Site Incident Category:	Not reported	Federal Facility:	Not a Federal Facility
Ownership Status:	Unknown	NPL Status:	Not on the NPL

CERCLIS-NFRAP Assessment History:

Assessment:	DISCOVERY	Completed:	19791201
Assessment:	PRELIMINARY ASSESSMENT	Completed:	19870101

CERCLIS-NFRAP Alias Name(s):

BART-PCB STORAGE

B6
ESE
1/8-1/4
870
Higher

BAY AREA RAPID TRANSIT DISTRICT
500 INDUSTRIAL PKWY W
HAYWARD, CA 94544

Cal-Sites S102008221
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102008221

CAL-SITES:

Facility ID 01410001
Status: REFR - DOES NOT REQUIRE DTSC ACTION. REFERRED TO RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) LEAD

Status Date: 07/29/1994
Lead: Not reported
Region: 2 - BERKELEY
Branch: NC - NORTH COAST
File Name: Not reported
Status Name: PROPERTY/SITE REFERRED TO RCRA
Lead Agency: N/A
NPL: Not reported
SIC: 41 LOCAL & INTERURBAN PASSENGER TRANSIT

Facility Type: N/A
Facility Type Name: Not reported
Staff Member Responsible for Site: Not reported
Supervisor Responsible for Site: Not reported
Region Water Control Board: Not reported
Access: Not reported
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
No. of Contamination Sources: 0.00000
Lat/Long: 0.00000° 0.00000' 0.00000" / 0.00000° 0.00000' 0.00000"
Lat/long Method: Not reported
State Assembly District Code: Not reported
State Senate District: Not reported

Activity:

Activity: PA
Activity Name: Not reported
AWP Code: Not reported
Proposed Budget: 0.00000
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 06/01/1984
Est Person-Years to complete: 0.00000
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: REFR
Definition of Status: PROPERTY/SITE REFERRED TO RCRA
Solids Removed (Cubic Yards): 0.00000
Solids Treated (Cubic Yards): 0.00000
Liquids Removed (Gals): 0.00000
Liquids Treated (Gals): 0.00000
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Qty Removed/Treated Comments: Not reported
Acres Available Upon Completion Of Activity
For Commercial Reuse: 0.00000
For Industrial Reuse: 0.00000
For Residential Reuse: 0.00000
Unknown Type: 0.00000

Activity: DISC

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

EDR ID Number
EPA ID Number
Database(s)

BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102008221

Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0.00000
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 09/24/1983
Est Person-Years to complete: 0.00000
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: REFRFC
Definition of Status: PROPERTY/SITE REFERRED TO RCRA
Solids Removed (Cubic Yards): 0.00000
Solids Treated (Cubic Yards): 0.00000
Liquids Removed (Gals): 0.00000
Liquids Treated (Gals): 0.00000
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Qnty Removed/Treated Comments: Not reported
Acres Available Upon Completion Of Activity
For Commercial Reuse: 0.00000
For Industrial Reuse: 0.00000
For Residential Reuse: 0.00000
Unknown Type: 0.00000

All Site Names Associated with Site: BAY AREA RAPID TRANSIT DISTRICT

All Street Addresses: 500 WEST INDUSTRIAL PARKWAY
HAYWARD, CA 94544

Background: Not reported
Id Name: EPA IDENTIFICATION NUMBER
Id Value: CAD093447456

Special Programs:

Program Name: RCRA 3012
Program Code: R3012

Comments:

Date: 12/27/1978
Comment: INSPECTION(FED) EPA-PCB INSP. PCB STORAGE AREA NOT IN
COMPLI W/ 40 CFR, PART 761.

Date: 03/22/1979
Comment: INSPECTION(FED) EPA-PCB INSP OF DISMANTLING OF BURND
BART CAR SEMICODUCTOR BOXES. REQ-REMOVAL
OF ALL PCB ARTICLES W/1 WEEK.

Date: 03/30/1979
Comment: ENFORCEMENT(OTHER) CIVIL PENALTY PROPOSED FOR VIO OF TSCA.
PENALTY OF \$2000 WAS ASSESSED BY EPA.
PAID BY BART ON 9/7/79.

Date: 09/24/1983
Comment: FACILITY IDENTIFIED ID FROM ERRIS

Date: 06/01/1984
Comment: T/C W/ R.PASINI, BART (415)869-6188 -
SOURCE ACT: MAINTENANCE YARD FOR TRANSIT
VEHICLES. REPAIR & MODIF OFVEHICLES.
MINOR AMOUNT OF ELECTROPLATING/PCB OIL
STORAGE. YR OFOPER: 1972 TO PRESENT.

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

BAY AREA RAPID TRANSIT DISTRICT (Continued)

S102008221

ALL CAPACITORS CONTAINED PCB OIL. IN THE
PROCESS OF REPLACING W/ NON-PCB CAPACITR
NOW, WILL BE DONE BY THE END OF 1984.
DISP USED CAPACITORS AT CHEMICAL WST MGM
IN ALABAMA. CONTAINERIZED ELECTROPLATING
WASTES DISP AT IT CORP.
INCIDENT: 1982 PCB SPILL APPROX.1 QUART
OF OIL TO CONCRETE APRON & SUMP. C-U
DONE BY IT CORP BY 10-25-82. DHS CERTIF
SUBMIT TO EPA
PRELIM ASSESS DONE RCRA 3012

**C7
SSE
1/8-1/4
932
Higher**

**TOOMEYS TRUCK & DIESEL
727 INDUSTRIA PKWY
HAYWARD, CA 94544**

**RCRIS-SQG 1000298911
FINDS CAD981983109**

RCRIS:

Owner: ART TOOMEY & FAMILY
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 537-6179
Record Date: 09/01/1996
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

**C8
SSE
1/8-1/4
975
Higher**

**J T MOTORSPORT
727 INDUSTRIAL PKWY W
HAYWARD, CA 94544**

**HAZNET S103971314
N/A**

HAZNET:

Gepaid: CAL000064348 Tepaid: CAL000161743
Contact: TERESITA DEL ROSARIO Telephone: (000) 000-0000
Gen County: 43 Tsd County: Santa Clara
Tons: 0.6255
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Mailing Address: 727 INDUSTRIAL PKWY W
HAYWARD, CA 94544 - 7116
County 1

**C9
SSE
1/8-1/4
975
Higher**

**ANH AUTO REPAIR
727 INDUSTRIAL BLVD
HAYWARD, CA 94544**

**HAZNET S102810338
N/A**

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

ANH AUTO REPAIR (Continued)

Database(s)
EDR ID Number
EPA ID Number

S102810338

HAZNET:
Gepaid: CAL000019664 Tepad: CAD980887418
Contact: NERRAWESH HAMID OWNER Telephone: (415) 889-4377
Gen County: 1 Tsd County: 1
Tons: 0.1251
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Not reported
Mailing Address: 727 INDUSTRIAL PKWY W
HAYWARD, CA 94544 - 7116
County 1

C10
SSE
1/8-1/4
975
Higher

MARCH PROPERTIES
727 INDUSTRIAL PKWY W
HAYWARD, CA 94544

HAZNET

S103670585
N/A

HAZNET:
Gepaid: CAC000916136 Tepad: CAL000048571
Contact: MARCH PROPERTIES Telephone: (415) 886-1404
Gen County: 43 Tsd County: Santa Clara
Tons: 0.2085
Category: Waste oil and mixed oil
Disposal Method: Recycler
Mailing Address: 727 INDUSTRIAL PKWY #D
HAYWARD, CA 94544
County 1

C11
SSE
1/8-1/4
975
Higher

FILCO
727 INDUSTRIAL PKWY W
HAYWARD, CA 94544

HAZNET

S103964322
N/A

HAZNET:
Gepaid: CAL923036011 Tepad: CAT000646117
Contact: MARCH PROPERTIES Telephone: (510) 886-1404
Gen County: 16 Tsd County: Kings
Tons: 0.3500
Category: Waste oil and mixed oil
Disposal Method: Not reported
Mailing Address: 727 INDUSTRIAL PKWY W STE W
HAYWARD, CA 94544 - 7116
County 1

C12
SSE
1/8-1/4
975
Higher

J AND H CARBURATOR
727 INDUSTRIAL PKWY W STE O
HAYWARD, CA 94544

HAZNET

S103971231
N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s)
EDR ID Number
EPA ID Number

J AND H CARBURATOR (Continued)

S103971231

HAZNET:

Gepaid: CAL000181653 Tepaid: CAD980887418
Contact: JOE PINHO Telephone: (510) 886-0927
Gen County: 1 Tsd County: 1
Tons: 0.1459
Category: Aqueous solution with less than 10% total organic residues
Disposal Method: Transfer Station
Mailing Address: 727 INDUSTRIAL PKWY STE O
HAYWARD, CA 94544
County 1

C13
SSE
1/8-1/4
975
Higher

A & A BODY & PAINT
727 INDUSTRIAL PKWY W STE W
HAYWARD, CA 94544

HAZNET

S103948127
N/A

HAZNET:

Gepaid: CAL000138806 Tepaid: CAD059494310
Contact: FERMIN REVUELTA & MARIA Telephone: (650) 568-1609
Gen County: 43 Tsd County: Santa Clara
Tons: 0.2293
Category: Unspecified organic liquid mixture
Disposal Method: Disposal, Other
Mailing Address: 727 INDUSTRIAL PKWY W
HAYWARD, CA 94544 - 7116
County 1

C14
South
1/8-1/4
1032
Higher

INVAC ENVIRONMENTAL INC
749 INDUSTRIAL PARKWAY WEST
HAYWARD, CA 94544

RCRIS-SQG 1000143918
FINDS CAT080033327

RCRIS:

Owner: STEPHEN FINSTON DOUG HORNER BRUCE CLARK
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 538-0613
Record Date: 06/19/1981
Classification: Hazardous Waste Transporter
Used Oil Recyc: No
Violation Status: No violations found

15
South
1/8-1/4
1102
Higher

INDUSTRIAL PUMP STATION
(NO STREET NBR) HUNTWOOD AVE
HAYWARD, CA 94544

Cortese

S102431653
N/A

CORTESE:

Reg By: LTNKA
Reg Id: 01-1911
Region: CORTESE

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

16
NNE
1/8-1/4
1195
Higher

WASTE MANAGEMENT INC
29331 PACIFIC ST
HAYWARD, CA 00000

Database(s)

HAZNET

EDR ID Number
EPA ID Number

S102816902
N/A

HAZNET:

Gepaid: CAL000091792 Tepad: CAD980887418
Contact: WASTE MANAGEMENT INC Telephone: (510) 886-8100
Gen County: 1 Tsd County: 1
Tons: 0.1251
Category: Waste oil and mixed oil
Disposal Method: Recycler
Mailing Address: 29331 PACIFIC ST
HAYWARD, CA 94544 - 6017
County 1

17
South
1/8-1/4
1278
Higher

PARKWAY AUTO BODY
877 INDUSTRIAL PKWY W
HAYWARD, CA 94544

RCRIS-SQG
FINDS
HAZNET

1000273114
CAD981579592

RCRIS:

Owner: PARKWAY AUTO BODY INC
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 582-2270
Record Date: 12/19/1986
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

FINDS:

Other Pertinent Environmental Activity Identified at Site:
AIRS Facility System (AIRS/AFS)

HAZNET:

Gepaid: CAD981579592 Tepad: CAT000613893
Contact: PARKWAY AUTO BODY Telephone: (510) 582-2270
Gen County: 19 Tsd County: Los Angeles
Tons: 0.1620
Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Mailing Address: 877 INDUSTRIAL PKWY W
HAYWARD, CA 94544 - 7117
County 1

D18
NE
1/4-1/2
1418
Higher

DUNCAN & SON PETROLEUM
29303 PACIFIC ST
HAYWARD, CA

Cortese

1001263238
N/A

CORTESE:

Reg By: LTNKA
Reg Id: 01-0518
Region: CORTESE

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Site _____ Database(s) _____ EDR ID Number
 _____ EPA ID Number

D19
 NE
 1/4-1/2
 1418
 Higher

DUNCAN AND SON PETROLEUM
 29303 PACIFIC ST
 HAYWARD, CA 94544

Ca. FID
 LUST

S101623676
 N/A

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	11/17/1999	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	7/30/1986
Pollution Char:	7/30/1986	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	03/26/1987

LUST Region 2:

Region:	2
File Number:	01-0518
Entered Date:	3/26/87
Facility Status:	Pollution characterization
Maximum Soil Concentration:	780
Maximum Groundwater Impact:	Free product in the well
Current Benzene in Groundwater:	Not reported
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

20
 South
 1/4-1/2
 1471
 Higher

BAY FORD TRACTORS
 975 INDUSTRIAL PKWY W
 HAYWARD, CA

LUST
 Cortese

S101306526
 N/A

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Waste Oil		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	03/20/1990	Confirm Leak:	Not reported
Workplan:	Not reported	Prelim Assess:	8/19/1988
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	08/05/1988

LUST Region 2:

Region:	2
File Number:	01-0163
Entered Date:	8/5/88
Facility Status:	Preliminary site assessment underway
Maximum Soil Concentration:	500
Maximum Groundwater Impact:	9700
Current Benzene in Groundwater:	Not reported
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

BAY FORD TRACTORS (Continued)

EDR ID Number
 EPA ID Number

Database(s)

CORTESE:
 Reg By: LTNKA
 Reg Id: 01-0163
 Region: CORTESE

S101306526

21
 NNE
 1/4-1/2
 1513
 Higher

PLANK COMPANY
 29220 PACIFIC ST
 HAYWARD, CA

LUST
 Cortese

S102435278
 N/A

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/25/1996	Confirm Leak:	1/25/1996
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	04/05/1994

LUST Region 2:

Region:	2
File Number:	01-1889
Entered Date:	4/5/94
Facility Status:	Leak being confirmed
Maximum Soil Concentration:	Not reported
Maximum Groundwater Impact:	Not reported
Current Benzene in Groundwater:	Not reported
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-1889
 Region: CORTESE

22
 SSW
 1/4-1/2
 2439
 Higher

VINCES EQUIPMENT RENTAL
 1441 INDUSTRIAL PKWY W
 HAYWARD, CA

LUST
 Cortese

S101293578
 N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

VINCES EQUIPMENT RENTAL (Continued)

S101293578

State LUST:

Cross Street: Not reported
Reg Board: San Francisco Bay Region Qty Leaked: Not reported
Chemical: Gasoline
Lead Agency: Local Agency
Case Type: Undefined
Status: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 01/24/1996 Confirm Leak: 1/24/1996
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported Release Date: 07/30/1990

LUST Region 2:

Region: 2
File Number: 01-1638
Entered Date: 6/11/92
Facility Status: Leak being confirmed
Maximum Soil Concentration: Not reported
Maximum Groundwater Impact: Not reported
Current Benzene in Groundwater: Not reported
MTBE Contamination Level: Not reported
Maximum MTBE Groundwater: Not reported

CORTESE:

Reg By: LTNKA
Reg Id: 01-1638
Region: CORTESE

23
WSW
1/2-1
2670
Higher

SILVIA'S PIPELINE INC
1310 RUUS LN
HAYWARD, CA

LUST
Cortese

S101293609
N/A

State LUST:

Cross Street: Not reported
Reg Board: San Francisco Bay Region Qty Leaked: Not reported
Chemical: Diesel
Lead Agency: Local Agency
Case Type: Soil only
Status: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 12/07/1998 Confirm Leak: 1/25/1996
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported Release Date: 12/21/1992

LUST Region 2:

Region: 2
File Number: 01-1890
Entered Date: 7/6/93
Facility Status: Leak being confirmed
Maximum Soil Concentration: Not reported
Maximum Groundwater Impact: Not reported
Current Benzene in Groundwater: Not reported
MTBE Contamination Level: Not reported
Maximum MTBE Groundwater: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

SILVIA'S PIPELINE INC (Continued)

EDR ID Number
 EPA ID Number

Database(s)

CORTESE:
 Reg By: LTNKA
 Reg Id: 01-1890
 Region: CORTESE

S101293609

24
 SSE
 1/2-1
 2809
 Same

APEX
30640 SAN CLEMENTE ST
HAYWARD, CA

LUST
Cortese

S101306564
N/A

State LUST:
 Cross Street: Not reported
 Reg Board: San Francisco Bay Region Qty Leaked: Not reported
 Chemical: Solvents
 Lead Agency: Local Agency
 Case Type: Soil only
 Status: Not reported
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 04/05/1994 Confirm Leak: 1/25/1996
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: Not reported
 Close Date: Not reported Release Date: 04/05/1995

LUST Region 2:
 Region: 2
 File Number: 01-1892
 Entered Date: 4/5/94
 Facility Status: Leak being confirmed
 Maximum Soil Concentration: Not reported
 Maximum Groundwater Impact: Not reported
 Current Benzene in Groundwater: Not reported
 MTBE Contamination Level: Not reported
 Maximum MTBE Groundwater: Not reported

CORTESE:
 Reg By: LTNKA
 Reg Id: 01-1892
 Region: CORTESE

25
 SE
 1/2-1
 2856
 Higher

INTERNATIONAL WINDOW
30526 SAN ANTONIO ST
HAYWARD, CA

LUST
Cortese

1000217041
N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

INTERNATIONAL WINDOW (Continued)

1000217041

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Diesel		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	04/20/1990	Confirm Leak:	Not reported
Workplan:	10/6/1986	Prelim Assess:	11/11/1986
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	12/19/1986

LUST Region 2:

Region:	2
File Number:	01-0801
Entered Date:	12/19/86
Facility Status:	Preliminary site assessment underway
Maximum Soil Concentration:	840
Maximum Groundwater Impact:	Free product in the well
Current Benzene in Groundwater:	120
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

CORTESE:

Reg By:	LTNKA
Reg Id:	01-0801
Region:	CORTESE

26
 NE
 1/2-1
 3415
 Higher

**THRIFT CENTER
 29498 MISSION BLVD
 HAYWARD, CA**

LUST
 Cortese

S100226535
 N/A

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Unleaded Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/07/1991	Confirm Leak:	1/7/1991
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	12/04/1990

LUST Region 2:

Region:	2
File Number:	01-1474
Entered Date:	1/7/91
Facility Status:	Leak being confirmed
Maximum Soil Concentration:	57
Maximum Groundwater Impact:	Not reported
Current Benzene in Groundwater:	Not reported
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

THRIFT CENTER (Continued)

S100226535

CORTESE:

Reg By: LTNKA
Reg Id: 01-1474
Region: CORTESE

27
ENE
1/2-1
3539
Higher

BEACON STATION # 546
29705 MISSION BLVD.
HAYWARD, CA 94544

UST
LUST
Cortese

U001597039
N/A

State LUST:

Cross Street: Not reported
Reg Board: San Francisco Bay Region Qty Leaked: Not reported
Chemical: Gasoline
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Not reported
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Excavate and Treat - remove contaminated soil and treat (includes spreading or land farming), Remove Free Product - remove floating product from water table
Review Date: 11/13/1998 Confirm Leak: 4/6/1988
Workplan: Not reported Prelim Assess: 7/7/1988
Pollution Char: 7/3/1989 Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: 11/13/1998 Release Date: 10/31/1997

LUST Region 2:

Region: 2
File Number: 01-0168
Entered Date: 4/6/88
Facility Status: Signed off, remedial action completed or deemed unnecessary
Maximum Soil Concentration: 2750
Maximum Groundwater Impact: 1700000
Current Benzene in Groundwater: ND
MTBE Contamination Level: ND
Maximum MTBE Groundwater: ND

LUST Alameda County:

Region: ALAMEDA
Status: Active

CORTESE:

Reg By: LTNKA
Reg Id: 01-0168
Region: CORTESE

State UST:

Facility ID: 38484
Tank Num: 1 Container Num: #546-1
Tank Capacity: 8000 Year Installed: 1969
Tank Used for: PRODUCT
Type of Fuel: DIESEL Tank Constrcn: .025 inches
Leak Detection: Stock Inventor
Contact Name: PAT WATKINS Telephone: (209) 582-0241
Total Tanks: 5 Region: Not reported
Facility Type: 1 Other Type: Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

BEACON STATION # 546 (Continued)

U001597039

Facility ID:	38484	Container Num:	#546-2
Tank Num:	2	Year Installed:	1969
Tank Capacity:	10000	Tank Constrctn:	.025 inches
Tank Used for:	PRODUCT	Telephone:	(209) 582-0241
Type of Fuel:	REGULAR	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	PAT WATKINS		
Total Tanks:	5		
Facility Type:	1		

Facility ID:	38484	Container Num:	#546-3
Tank Num:	3	Year Installed:	1969
Tank Capacity:	8000	Tank Constrctn:	.025 inches
Tank Used for:	PRODUCT	Telephone:	(209) 582-0241
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	PAT WATKINS		
Total Tanks:	5		
Facility Type:	1		

Facility ID:	38484	Container Num:	#546-5
Tank Num:	4	Year Installed:	1969
Tank Capacity:	550	Tank Constrctn:	14 gauge
Tank Used for:	WASTE	Telephone:	(209) 582-0241
Type of Fuel:	WASTE OIL	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	PAT WATKINS		
Total Tanks:	5		
Facility Type:	1		

Facility ID:	38484	Container Num:	#546-6
Tank Num:	5	Year Installed:	1969
Tank Capacity:	10	Tank Constrctn:	Not reported
Tank Used for:	Not Reported	Telephone:	(209) 582-0241
Type of Fuel:	Not Reported	Region:	Not reported
Leak Detection:	None	Other Type:	Not reported
Contact Name:	PAT WATKINS		
Total Tanks:	5		
Facility Type:	1		

28
 NNE
 1/2-1
 3675
 Higher

**PESTANA PROPERTY
 29234 MISSION BLVD
 HAYWARD, CA**

**LUST
 Cortese**

**S100226534
 N/A**

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

PESTANA PROPERTY (Continued)

EDR ID Number
 EPA ID Number

Database(s)

State LUST:
 Cross Street: Not reported
 Reg Board: San Francisco Bay Region Qty Leaked: Not reported
 Chemical: Gasoline
 Lead Agency: Local Agency
 Case Type: Undefined
 Status: Not reported
 Abate Method: No Action Taken - no action has as yet been taken at the site
 Review Date: 01/24/1996 Confirm Leak: Not reported
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: Not reported
 Close Date: Not reported Release Date: 07/25/1984

S100226534

LUST Region 2:
 Region: 2
 File Number: 01-1157
 Entered Date: 7/25/84
 Facility Status: No leak action taken by responsible party after initial report of leak
 Maximum Soil Concentration: Not reported
 Maximum Groundwater Impact: Not reported
 Current Benzene in Groundwater: Not reported
 MTBE Contamination Level: Not reported
 Maximum MTBE Groundwater: Not reported

CORTESE:
 Reg By: LTNKA
 Reg Id: 01-1157
 Region: CORTESE

29
 SE
 1/2-1
 3689
 Higher

**A & J ELECTRIC CABLE COMP
 30608 SAN ANTONIO ST
 HAYWARD, CA**

Cortese

S104162094
 N/A

CORTESE:
 Reg By: LTNKA
 Reg Id: 01-0011
 Region: CORTESE

30
 ENE
 1/2-1
 3780
 Higher

**ARCO
 29900 MISSION BLVD
 HAYWARD, CA**

LUST
 Cortese

S101293602
 N/A

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

ARCO (Continued)

S101293602

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	03/31/1998	Confirm Leak:	5/22/1989
Workplan:	Not reported	Prelim Assess:	2/20/1989
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	04/14/1989

LUST Region 2:

Region:	2
File Number:	01-0101
Entered Date:	5/22/89
Facility Status:	Preliminary site assessment underway
Maximum Soil Concentration:	96000
Maximum Groundwater Impact:	15000
Current Benzene in Groundwater:	1200
MTBE Contamination Level:	61
Maximum MTBE Groundwater:	61

CORTESE:

Reg By:	LTNKA
Reg Id:	01-0101
Region:	CORTESE

31
 NW
 1/2-1
 3936
 Higher

**ECONO GAS BEACON
 438 W TENNYSON RD
 HAYWARD, CA**

LUST
 Cortese

**S104164355
 N/A**

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Not reported		
Abate Method:	Pump and Treat Ground Water - generally employed to remove dissolved contaminants		
Review Date:	11/29/1999	Confirm Leak:	8/29/1990
Workplan:	Not reported	Prelim Assess:	4/17/1987
Pollution Char:	1/14/1992	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	01/29/1987

LUST Region 2:

Region:	2
File Number:	01-1530
Entered Date:	8/29/90
Facility Status:	Pollution characterization
Maximum Soil Concentration:	1400
Maximum Groundwater Impact:	10000
Current Benzene in Groundwater:	220
MTBE Contamination Level:	1300

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ECONO GAS BEACON (Continued)

Database(s) EDR ID Number
 EPA ID Number

S104164355

Maximum MTBE Groundwater: 9600

CORTESE:

Reg By: LTNKA
 Reg Id: 01-1530
 Region: CORTESE

32
 NNE
 1/2-1
 4056
 Higher

BP
28590 MISSION BLVD
HAYWARD, CA

LUST
Cortese

S101293600
 N/A

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Other ground water affected		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	01/11/1996	Confirm Leak:	7/15/1993
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	01/28/1993

LUST Region 2:

Region:	2
File Number:	01-0075
Entered Date:	7/14/93
Facility Status:	Leak being confirmed
Maximum Soil Concentration:	Not reported
Maximum Groundwater Impact:	15000
Current Benzene in Groundwater:	ND
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0075
 Region: CORTESE

33
 SE
 1/2-1
 4149
 Same

PROPAK-CALIFORNIA CORP
30887 SAN ANTONIO ST
HAYWARD, CA 94544

HAZNET
Cortese

S102435416
 N/A

HAZNET:

Gepaid:	CAL000088539	Tepaid:	CAD982524613
Contact:	REID INTERMEDIATE HOLDINGS INC	Telephone:	(818) 446-3457
Gen County:	30	Tsd County:	Orange
Tons:	0.0025		
Category:	Photochemicals/photoprocessing waste		
Disposal Method:	Recycler		
Mailing Address:	1070 SAMUELSON ST		
	ROWLAND HEIGHTS, CA 91748 - 1219		
County	1		

Map ID
Direction
Distance
Distance (ft.)
Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
EPA ID Number

PROPAK-CALIFORNIA CORP (Continued)

S102435416

CORTESE:

Reg By: LTNKA
Reg Id: 01-1960
Region: CORTESE

34
North
1/2-1
4261
Higher

EXXON SERVICE STATION NO 7-255
650 TENNYSON ST/MISSION
HAYWARD, CA 94544

RCRIS-SQG 1000337830
FINDS CAD981410681
UST
LUST
Cortese

RCRIS:

Owner: EXXON COMPANY USA
(415) 555-1212
Contact: ENVIRONMENTAL MANAGER
(415) 937-2991
Record Date: 05/13/1986
Classification: Small Quantity Generator
Used Oil Recyc: No
Violation Status: No violations found

State LUST:

Cross Street: Not reported
Reg Board: San Francisco Bay Region Qty Leaked: Not reported
Chemical: Gasoline
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 05/26/1999 Confirm Leak: 3/13/1997
Workplan: Not reported Prelim Assess: Not reported
Pollution Char: Not reported Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported Release Date: 08/09/1990

Cross Street: Not reported
Reg Board: San Francisco Bay Region Qty Leaked: Not reported
Chemical: Gasoline
Lead Agency: Local Agency
Case Type: Other ground water affected
Status: Not reported
Abate Method: No Action Taken - no action has as yet been taken at the site
Review Date: 10/25/1999 Confirm Leak: 2/27/1990
Workplan: Not reported Prelim Assess: 12/15/1989
Pollution Char: 6/19/1992 Remed Plan: Not reported
Remed Action: Not reported Monitoring: Not reported
Close Date: Not reported Release Date: 12/31/1989

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON SERVICE STATION NO 7-255 (Continued)

1000337830

Cross Street: Not reported
 Reg Board: San Francisco Bay Region Qty Leaked: Not reported
 Chemical: Gasoline
 Lead Agency: Local Agency
 Case Type: Other ground water affected
 Status: Not reported
 Review Date: 11/17/1999 Confirm Leak: 11/12/1996
 Workplan: Not reported Prelim Assess: Not reported
 Pollution Char: Not reported Remed Plan: Not reported
 Remed Action: Not reported Monitoring: 12/5/1997
 Close Date: Not reported Release Date: 11/12/1996

Cross Street: Not reported
 Reg Board: Central Valley Region Qty Leaked: Not reported
 Chemical: Gasoline
 Lead Agency: Local Agency
 Case Type: Soil only
 Status: Not reported
 Review Date: 03/11/1993 Confirm Leak: 1/28/1988
 Workplan: 5/1/1988 Prelim Assess: 7/6/1987
 Pollution Char: Not reported Remed Plan: 4/1/1989
 Remed Action: 9/19/1989 Monitoring: Not reported
 Close Date: Not reported Release Date: 07/06/1987

LUST Region 2:

Region: 2
 File Number: 01-2186
 Entered Date: 11/12/96
 Facility Status: Post remedial action monitoring in progress
 Maximum Soil Concentration: Not reported
 Maximum Groundwater Impact: 180000
 Current Benzene in Groundwater: <50
 MTBE Contamination Level: 17900
 Maximum MTBE Groundwater: 180000
 Region: 2
 File Number: 01-0581
 Entered Date: 8/17/90
 Facility Status: Remedial action (cleanup) in progress
 Maximum Soil Concentration: 610
 Maximum Groundwater Impact: 240000
 Current Benzene in Groundwater: 16
 MTBE Contamination Level: 9
 Maximum MTBE Groundwater: 760
 Region: 2
 File Number: 01-0590
 Entered Date: 10/12/90
 Facility Status: Leak being confirmed
 Maximum Soil Concentration: 344
 Maximum Groundwater Impact: 14000
 Current Benzene in Groundwater: 17
 MTBE Contamination Level: 14000
 Maximum MTBE Groundwater: 14000
 Region: 2
 File Number: 01-0597
 Entered Date: 2/27/90
 Facility Status: Pollution characterization
 Maximum Soil Concentration: 3400

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON SERVICE STATION NO 7-255 (Continued)

1000337830

Maximum Groundwater Impact: 4100
 Current Benzene in Groundwater: 1
 MTBE Contamination Level: 270
 Maximum MTBE Groundwater: 950

LUST Region 5:

Responsible Party:	TEXACO	Substance:	GASOLINE
Case Type:	Soil only		
Program:	Local Oversight Program - SWB Sponsored Program		
Staff Initials:	MTS	Case Number:	340194
Status:	Remedial action (cleanup) in progress		
MTBE:	0		

CORTESE:

Reg By: LTNKA
 Reg Id: 01-2186
 Region: CORTESE

Reg By: LTNKA
 Reg Id: 01-0581
 Region: CORTESE

Reg By: LTNKA
 Reg Id: 01-0590
 Region: CORTESE

Reg By: LTNKA
 Reg Id: 01-0597
 Region: CORTESE

Reg By: LTNKA
 Reg Id: 01-2110
 Region: CORTESE

State UST:

Facility ID:	24097	Container Num:	000000001
Tank Num:	1	Year Installed:	1971
Tank Capacity:	6000		
Tank Used for:	PRODUCT	Tank Constrcn:	Not reported
Type of Fuel:	PREMIUM	Telephone:	(415) 582-2171
Leak Detection:	Stock Inventor	Region:	Not reported
Contact Name:	AL BIGGS	Other Type:	Not reported
Total Tanks:	4		
Facility Type:	1		

Facility ID:	24097	Container Num:	2
Tank Num:	2	Year Installed:	1971
Tank Capacity:	8000		
Tank Used for:	PRODUCT	Tank Constrcn:	Not reported
Type of Fuel:	REGULAR	Telephone:	(415) 582-2171
Leak Detection:	Stock Inventor	Region:	Not reported
Contact Name:	AL BIGGS	Other Type:	Not reported
Total Tanks:	4		
Facility Type:	1		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s) EDR ID Number
 EPA ID Number

EXXON SERVICE STATION NO 7-255 (Continued)

1000337830

Facility ID:	24097	Container Num:	3
Tank Num:	3	Year Installed:	1971
Tank Capacity:	10000	Tank Constrctn:	Not reported
Tank Used for:	PRODUCT	Telephone:	(415) 582-2171
Type of Fuel:	UNLEADED	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	AL BIGGS		
Total Tanks:	4		
Facility Type:	1		

Facility ID:	24097	Container Num:	4
Tank Num:	4	Year Installed:	Not reported
Tank Capacity:	0	Tank Constrctn:	Not reported
Tank Used for:	WASTE	Telephone:	(415) 582-2171
Type of Fuel:	WASTE OIL	Region:	Not reported
Leak Detection:	Stock Inventor	Other Type:	Not reported
Contact Name:	AL BIGGS		
Total Tanks:	4		
Facility Type:	1		

35
 NW
 1/2-1
 4351
 Higher

**ROTTEN ROBBIE #49
 720 W. TENNYSON RD.
 HAYWARD, CA 94544**

**Ca. FID
 LUST
 HAZNET
 Cortese
 UST**

**1000400353
 N/A**

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Misc. Motor Vehicle Fuels		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Not reported		
Abate Method:	No Action Taken - no action has as yet been taken at the site		
Review Date:	08/30/1996	Confirm Leak:	8/30/1996
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	01/20/1988

LUST Region 2:

Region:	2
File Number:	01-1283
Entered Date:	8/30/96
Facility Status:	Leak being confirmed
Maximum Soil Concentration:	Not reported
Maximum Groundwater Impact:	Not reported
Current Benzene in Groundwater:	Not reported
MTBE Contamination Level:	Not reported
Maximum MTBE Groundwater:	Not reported

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation Site

MAP FINDINGS

Database(s)
 EDR ID Number
 EPA ID Number

ROTTEN ROBBIE #49 (Continued)

1000400353

HAZNET:

Gepaid:	CAL000048156	Tepaid:	CAD004771168
Contact:	MISSION TRAILS OIL	Telephone:	(408) 257-7403
Gen County:	38	Tsd County:	San Francisco
Tons:	0.1500		
Category:	Empty containers less than 30 gallons		
Disposal Method:	Disposal, Land Fill		
Mailing Address:	4250 WILLIAMS RD SAN JOSE, CA 95129		
County	1		

CORTESE:

Reg By: LTNKA
 Reg Id: 01-1263
 Region: CORTESE

FID:

Facility ID:	01001380	Regulate ID:	981163702
Reg By:	Active Underground Storage Tank Location		
Cortese Code:	Not reported	SIC Code:	Not reported
Status:	Active	Facility Tel:	(510) 783-7611
Mail To:	Not reported 4250 WILLIAMS RD HAYWARD, CA 94544		
Contact:	Not reported	Contact Tel:	Not reported
DUNs No:	Not reported	NPDES No:	Not reported
Creation:	10/22/93	Modified:	00/00/00
EPA ID:	Not reported		
Comments:	Not reported		

State UST:

Facility ID:	66612	Container Num:	49-01
Tank Num:	1	Year Installed:	1985
Tank Capacity:	12000		
Tank Used for:	WASTE	Tank Constrcn:	X inches
Type of Fuel:	Not Reported	Telephone:	(408) 252-7720
Leak Detection:	Stock Inventor, GW Monitoring Well	Region:	Not reported
Contact Name:	TOM ROBINSON	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

Facility ID:	66612	Container Num:	49-02
Tank Num:	2	Year Installed:	1985
Tank Capacity:	12000		
Tank Used for:	PRODUCT	Tank Constrcn:	Not reported
Type of Fuel:	UNLEADED	Telephone:	(408) 252-7720
Leak Detection:	Stock Inventor, GW Monitoring Well	Region:	Not reported
Contact Name:	TOM ROBINSON	Other Type:	Not reported
Total Tanks:	5		
Facility Type:	1		

Map ID
 Direction
 Distance
 Distance (ft.)
 Elevation

MAP FINDINGS

ROTTEN ROBBIE #49 (Continued)

EDR ID Number
 EPA ID Number

Database(s)

1000400353

Facility ID: 66612
 Tank Num: 3
 Tank Capacity: 12000
 Tank Used for: PRODUCT
 Type of Fuel: PREMIUM
 Leak Detection: Stock Inventor, GW Monitoring Well
 Contact Name: TOM ROBINSON
 Total Tanks: 5
 Facility Type: 1

Container Num: 49-03
 Year Installed: 1985

Tank Constrctn: Not reported

Telephone: (408) 252-7720
 Region: Not reported
 Other Type: Not reported

Facility ID: 66612
 Tank Num: 4
 Tank Capacity: 12000
 Tank Used for: PRODUCT
 Type of Fuel: DIESEL
 Leak Detection: Stock Inventor, GW Monitoring Well
 Contact Name: TOM ROBINSON
 Total Tanks: 5
 Facility Type: 1

Container Num: 49-05
 Year Installed: 1985

Tank Constrctn: Not reported

Telephone: (408) 252-7720
 Region: Not reported
 Other Type: Not reported

Facility ID: 66612
 Tank Num: 5
 Tank Capacity: 12000
 Tank Used for: PRODUCT
 Type of Fuel: Not Reported
 Leak Detection: Stock Inventor, GW Monitoring Well
 Contact Name: TOM ROBINSON
 Total Tanks: 5
 Facility Type: 1

Container Num: 49-06
 Year Installed: 1985

Tank Constrctn: Not reported

Telephone: (408) 252-7720
 Region: Not reported
 Other Type: Not reported

36
 WNW
 1/2-1
 4893
 Higher

GULF
895 W TENNYSON RD
HAYWARD, CA

LUST
Cortese

S101306567
N/A

State LUST:
 Cross Street: Not reported
 Reg Board: San Francisco Bay Region
 Chemical: Gasoline
 Lead Agency: Local Agency
 Case Type: Other ground water affected
 Status: Not reported
 Abate Method: Excavate and Dispose - remove contaminated soil and dispose in approved site, Pump and Treat Ground Water - generally employed to remove dissolved contaminants, Vent Soil - bore holes in soil to allow volatilization of contaminants

Qty Leaked: Not reported

Review Date: 09/17/1998
 Workplan: Not reported
 Pollution Char: 5/27/1992
 Remed Action: Not reported
 Close Date: Not reported

Confirm Leak: 10/19/1990
 Prelim Assess: 10/11/1990
 Remed Plan: Not reported
 Monitoring: 7/21/1995
 Release Date: 03/27/1990

LUST Region 2:
 Region: 2
 File Number: 01-0732
 Entered Date: 10/19/90
 Facility Status: Post remedial action monitoring in progress

MAP FINDINGS

Map ID			EDR ID Number
Direction			EPA ID Number
Distance			
Distance (ft.)			
Elevation	Site	Database(s)	

GULF (Continued)

S101306567

Maximum Soil Concentration: 460000
 Maximum Groundwater Impact: 19000
 Current Benzene in Groundwater: <7
 MTBE Contamination Level: 45
 Maximum MTBE Groundwater: 82

CORTESE:

Reg By: LTNKA
 Reg Id: 01-0732
 Region: CORTESE

37
 North
 1/2-1
 4925
 Higher

MISSION TIRE
 28149 MISSION BLVD
 HAYWARD, CA 94544

LUST
 Cortese

S102433437
 N/A

State LUST:

Cross Street:	Not reported	Qty Leaked:	Not reported
Reg Board:	San Francisco Bay Region		
Chemical:	Gasoline		
Lead Agency:	Local Agency		
Case Type:	Soil only		
Status:	Not reported		
Review Date:	Not reported	Confirm Leak:	11/12/1996
Workplan:	Not reported	Prelim Assess:	Not reported
Pollution Char:	Not reported	Remed Plan:	Not reported
Remed Action:	Not reported	Monitoring:	Not reported
Close Date:	Not reported	Release Date:	12/11/1995

LUST Region 2:

Region: 2
 File Number: 01-2183
 Entered Date: 11/12/96
 Facility Status: Leak being confirmed
 Maximum Soil Concentration: 7100
 Maximum Groundwater Impact: Not reported
 Current Benzene in Groundwater: Not reported
 MTBE Contamination Level: Not reported
 Maximum MTBE Groundwater: Not reported

CORTESE:

Reg By: LTNKA
 Reg Id: 01-2183
 Region: CORTESE

38
 ESE
 1/2-1
 5167
 Higher

MISSION BLVD AT FARWAY
 HAYWARD, CA 94544

CHMIRS

S100277983
 N/A

Map ID
Direction
Distance
Distance (ft.)
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

(Continued)

S100277983

CHMIRS:

OES Control Number:	9118385	DOT ID:	1615
DOT Hazard Class:	Not Reported		
Chemical Name:	DIAZINON		
Extent of Release:	Not reported		
CAS Number:	33-41-5	Quantity Released:	90
Environmental Contamination:	Ground	Property Use:	County/City Road
Incident Date:	08-AUG-91	Date Completed:	08-AUG-91

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	Facility ID
HAYWARD	S103678980	CALTRANS WHIPPLE RD BRIDGE	HWY 880 AT WHIPPLE RD		HAZNET	CAP600927382
HAYWARD	S104162092	CAL STATE UNIV HAYWARD	25800 CARLOS MISSION BLVD		LUST, Cortese	01-0260
HAYWARD	S103393904	LINCOLN PROPERTY COMPANY	HAYWARD INDUSTRIAL PARK		CA SLIC	01S0160
HAYWARD	S103651560	PRECISION METAL TOOLING INC	30970 HUNTWOOD AVE STE 306	94544	HAZNET	CAC000738272
HAYWARD	S103651567	MEIDA COLOR CARD	30982 HUNTWOOD AVE__SUITE 208	94544	HAZNET	CAL000125387
HAYWARD	S103962861	ENGINE LOCATORS	30872 HUNTWOOD AVE STE 13	94544	HAZNET	CAL000129201
HAYWARD	S103650985	SIMSMETAL AMERICA/HAYWARD DIVISION	3014 INDUSTRIAL PKWY SW	94544	HAZNET	CAL000160658
HAYWARD	S103950500	ARBORECH, INC.	1413A INDUSTRIAL PKWY W	94544	HAZNET	CAL000142516
HAYWARD	S103966288	GOLDEN GATE AUTO BODY	1551B INDUSTRIAL PKWY W	94544	HAZNET	CAL000158929
HAYWARD	S103993357	UNIVERSAL AUTOBODY SHOP & REPAIR	1551B INDUSTRIAL PKWY W	94544	HAZNET	CAL000168524
HAYWARD	U001597032	93142	30151 INDUSTRIAL PKY SO	94544	UST	00000062396
HAYWARD	S100934333	DURHAM TRANSPORTATION INC	227577 INDUSTRIAL BLVD		HAZNET	CAL000033978
HAYWARD	S102359674	ALL CITIES LF/KOFY RADIO SITE	N OF W END W WINTON AVE		SWF/LF	01-CR-0001
HAYWARD	S103556092	WARMINGTON HOMES	1356 RUUS LN (1356-64)	94544	LUST	
HAYWARD	S103980534	PACIFIC BUSINESS PARK OWNERS ASSO	SATELLITE ST / INDUSTRIAL PKWAY		HAZNET	CAC002132729
HAYWARD	S102359678	OLD WEST WINTON LANDFILL	S SIDE OF W END W WINTON RD		SWF/LF	01-CR-0005
HAYWARD	S104233688	INDUSTRIAL PUMP STATION	UNKNOWN HUNTWOOD AVE	94544	LUST	01-1911
HAYWARD	1000235923	WIEGMAN FARMS	3177 WIEGMAN RD	94544	CERC-NFRAP	
UNION CITY	S102008147	CATELLUS - UNION CITY	MISSION AT 7TH STREETS	94587	Cal-Sites	01010003

GEOCHECK VERSION 2.1 ADDENDUM GROUNDWATER FLOW INFORMATION

Map ID Direction Distance Elevation	Site
2g North 1 - 2 Miles Lower	Site ID: 01-0794 Groundwater Flow: S Shallow Water Depth: 10 Deep Water Depth: 13 Average Water Depth: Not Reported Date: 02/26/1993
3g North 1/2 - 1 Mile Lower	Site ID: 01-2186 Groundwater Flow: SE, SW Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 17.5 Date: 12/23/1998
4g NW 1/2 - 1 Mile Lower	Site ID: 01-1530 Groundwater Flow: S Shallow Water Depth: 4 Deep Water Depth: 9 Average Water Depth: Not Reported Date: 04/17/1993
5g WNW 1 - 2 Miles Lower	Site ID: 900330170 Groundwater Flow: E Shallow Water Depth: 17.55 Deep Water Depth: 21.21 Average Water Depth: Not Reported Date: 02/28/1994
6g WNW 1/2 - 1 Mile Lower	Site ID: 6506 Groundwater Flow: S Shallow Water Depth: 5.0 Deep Water Depth: 7.7 Average Water Depth: Not Reported Date: 04/26/1995
7g ESE 1 - 2 Miles Lower	Site ID: 01-1004 Groundwater Flow: SW Shallow Water Depth: 9 Deep Water Depth: 23 Average Water Depth: Not Reported Date: 10/01/1998
8g SE 1/2 - 1 Mile Lower	Site ID: 01-0698 Groundwater Flow: SSW Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 7 Date: 04/30/1993
9g WSW 1 - 2 Miles Lower	Site ID: 01-0400 Groundwater Flow: W, NW, Varie Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 10 Date: 07/02/1997

GEOCHECK VERSION 2.1
GROUNDWATER FLOW INFORMATION

Map ID
Direction
Distance
Elevation

Site

10g WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1103 SE Not Reported Not Reported 8 07/1998
11g WSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1398 W Not Reported Not Reported 9.5 10/24/1986
12g SSE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-1892 WSW 12 14 Not Reported 12/26/1991
13g SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0779 N,S,Varies Not Reported Not Reported 9.5 03/16/1995
14g SE 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-2247 W 4 12 Not Reported 10/17/1997
15g SSW 1/2 - 1 Mile Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0708 W 5 10 Not Reported 09/01/1992
16g SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	0198 NW 3.43 10.64 Not Reported 03/17/1997
17g SSW 1 - 2 Miles Lower	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	01-0159 NE Not Reported Not Reported 6.5 12/1995

GEOCHECK VERSION 2.1 GROUNDWATER FLOW INFORMATION

Map ID Direction Distance Elevation	Site
18g SW 1 - 2 Miles Lower	Site ID: 0151 Groundwater Flow: SW Shallow Water Depth: 3.23 Deep Water Depth: 6.10 Average Water Depth: Not Reported Date: 10/17/1997
19g SSW 1 - 2 Miles Lower	Site ID: 0147 Groundwater Flow: Varies Shallow Water Depth: 3.99 Deep Water Depth: 9.05 Average Water Depth: Not Reported Date: 10/23/1996
20g SW 1 - 2 Miles Lower	Site ID: Not Reported Groundwater Flow: SW Shallow Water Depth: 3.23 Deep Water Depth: 6.10 Average Water Depth: Not Reported Date: 10/17/1997
21g South 1 - 2 Miles Lower	Site ID: Not Reported Groundwater Flow: SW Shallow Water Depth: 2.25 Deep Water Depth: 4.35 Average Water Depth: Not Reported Date: 03/07/1995
22g South 1 - 2 Miles Lower	Site ID: 0113 Groundwater Flow: Varies Shallow Water Depth: 6 Deep Water Depth: 15 Average Water Depth: Not Reported Date: 02/16/1989
23g SE 1 - 2 Miles Lower	Site ID: 0184 Groundwater Flow: SE Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 34 Date: 09/23/1996
24g SE 1 - 2 Miles Lower	Site ID: 0033 Groundwater Flow: NW Shallow Water Depth: 12.5 Deep Water Depth: 15.0 Average Water Depth: Not Reported Date: 11/16/1990
25g SE 1 - 2 Miles Lower	Site ID: Not Reported Groundwater Flow: Varies Shallow Water Depth: 44 Deep Water Depth: 47 Average Water Depth: Not Reported Date: 08/21/1992

**GEOCHECK VERSION 2.1
GROUNDWATER FLOW INFORMATION**

Map ID
Direction
Distance
Elevation

Site

26g
SSE
1 - 2 Miles
Lower

Site ID: 0158
Groundwater Flow: WSW
Shallow Water Depth: 22
Deep Water Depth: 24
Average Water Depth: Not Reported
Date: 06/15/1992

27g
SSW
1 - 2 Miles
Lower

Site ID: 0061
Groundwater Flow: Varies
Shallow Water Depth: 4.75
Deep Water Depth: 5.40
Average Water Depth: Not Reported
Date: 03/30/1999

The following regulatory files were reviewed by a member of EDR's professional field research team in an effort to identify groundwater flow direction and depth information. However, this information was not evident in the reports. This may be for a number of reasons, such as groundwater monitoring wells not being part of the field work or groundwater not having been encountered during drilling. This information is provided to save you time and money in the conduct of your hydrogeological research.

<u>Map ID</u>	<u>Date</u>	<u>Type Of Report</u>
1g	08/1993	Report of Findings

**GEOCHECK VERSION 2.1
FEDERAL DATABASE WELL INFORMATION**

Well Closest to Target Property (Southern Quadrant)

BASIC WELL DATA

Site ID:	373620122015901	Distance from TP:	1 - 2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1961	County:	Alameda
Altitude:	66.50 ft.	State:	California
Well Depth:	510.00 ft.	Topographic Setting:	Valley flat
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Public supply

LITHOLOGIC DATA

Geologic Age ID (Era/System/Series):	Cenozoic-Quaternary
Principal Lithology of Unit:	Sand and gravel
Further Description:	LOWER

WATER LEVEL VARIABILITY

Not Reported

GEOCHECK VERSION 2.1 FEDERAL DATABASE WELL INFORMATION

Well Closest to Target Property (Western Quadrant)

BASIC WELL DATA

Site ID:	373841122062001	Distance from TP:	>2 Miles
Site Type:	Single well, other than collector or Ranney type		
Year Constructed:	1958	County:	Alameda
Altitude:	40.00 ft.	State:	California
Well Depth:	120.00 ft.	Topographic Setting:	Flat surface
Depth to Water Table:	Not Reported	Prim. Use of Site:	Withdrawal of water
Date Measured:	Not Reported	Prim. Use of Water:	Irrigation

LITHOLOGIC DATA

Not Reported

WATER LEVEL VARIABILITY

Water Level: 16.00 ft. Date Measured: 10/28/58	Water Level: 16.60 ft. Date Measured: 04/01/59	Water Level: 19.10 ft. Date Measured: 11/12/59	Water Level: 18.30 ft. Date Measured: 03/21/60
Water Level: 21.00 ft. Date Measured: 10/28/60	Water Level: 20.20 ft. Date Measured: 04/07/61	Water Level: 23.20 ft. Date Measured: 11/03/61	Water Level: 19.10 ft. Date Measured: 04/04/62
Water Level: 21.00 ft. Date Measured: 09/06/62	Water Level: 18.00 ft. Date Measured: 04/04/63	Water Level: 18.40 ft. Date Measured: 09/06/63	Water Level: 19.50 ft. Date Measured: 03/30/64
Water Level: 20.90 ft. Date Measured: 10/14/64	Water Level: 18.80 ft. Date Measured: 03/15/65	Water Level: 20.00 ft. Date Measured: 11/02/65	Water Level: 19.20 ft. Date Measured: 04/12/66
Water Level: 19.80 ft. Date Measured: 10/07/66	Water Level: 17.20 ft. Date Measured: 03/14/67	Water Level: 18.20 ft. Date Measured: 11/02/67	Water Level: 14.60 ft. Date Measured: 04/12/68
Water Level: 15.50 ft. Date Measured: 04/16/68	Water Level: 18.50 ft. Date Measured: 10/28/68	Water Level: 17.10 ft. Date Measured: 10/10/69	Water Level: 14.80 ft. Date Measured: 04/24/70
Water Level: 18.00 ft. Date Measured: 10/19/70	Water Level: 16.00 ft. Date Measured: 04/26/71	Water Level: 17.00 ft. Date Measured: 09/22/71	Water Level: 18.20 ft. Date Measured: 05/21/72
Water Level: 19.40 ft. Date Measured: 10/12/72	Water Level: 13.70 ft. Date Measured: 03/20/73	Water Level: 15.40 ft. Date Measured: 09/14/73	Water Level: 12.90 ft. Date Measured: 04/09/74
Water Level: 13.90 ft. Date Measured: 09/03/74	Water Level: 15.10 ft. Date Measured: 03/12/75	Water Level: 15.60 ft. Date Measured: 10/02/75	Water Level: 16.40 ft. Date Measured: 03/02/76
Water Level: 17.50 ft. Date Measured: 09/22/76	Water Level: 18.10 ft. Date Measured: 03/23/77	Water Level: 19.50 ft. Date Measured: 10/04/77	Water Level: 17.40 ft. Date Measured: 03/30/78
Water Level: 16.90 ft. Date Measured: 09/12/78	Water Level: 16.10 ft. Date Measured: 04/26/79	Water Level: 17.30 ft. Date Measured: 10/09/79	Water Level: 14.50 ft. Date Measured: 04/15/80
Water Level: 16.30 ft. Date Measured: 11/18/80	Water Level: 15.70 ft. Date Measured: 05/22/81	Water Level: 16.90 ft. Date Measured: 10/21/81	Water Level: 13.30 ft. Date Measured: 04/30/82
Water Level: 15.80 ft. Date Measured: 10/13/82	Water Level: 12.40 ft. Date Measured: 05/20/83		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Water Wells:

Well Within >2 Miles of Target Property (Northern Quadrant)

Water System Information:

Prime Station Code:	0110006-003	User ID:	ENG
FRDS Number Number:	0110006003	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	373926.0 1220542.0	Precision:	100 Feet (one Second)
Source Name:	WELL A - POLICE STATION-EMERGENCY STANBY		
System Number:	0110006		
System Name:	CITY OF HAYWARD		
Organization That Operates System:	25151 CLAWITER ROAD HAYWARD, CA 94541		
Pop Served:	125000	Connections:	28615
Area Served:	HAYWARD		

Well Within 1 - 2 Miles of Target Property (Eastern Quadrant)

Water System Information:

Prime Station Code:	0105014-001	User ID:	ENG
FRDS Number Number:	0105014001	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	373743.0 1220143.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	BIG WELL (WELL 01)		
System Number:	0105014		
System Name:	EBRPD - GARIN REGIONAL PARK		
Organization That Operates System:	Not Reported HAYWARD, CA 94544		
Pop Served:	85	Connections:	2
Area Served:	Not Reported		

Well Within 1 - 2 Miles of Target Property (Southern Quadrant)

Water System Information:

Prime Station Code:	04S/02W-11A03 M	User ID:	ENG
FRDS Number Number:	0104004001	County:	Alameda
District Number:	04	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Abandoned
Source Lat/Long:	373622.0 1220235.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01 - AGRICULTURAL - ABANDONED		
System Number:	0104004		
System Name:	U.S. PIPE & FOUNDRY		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

**GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION**

Well Within 1/4 - 1/2 Mile of Target Property (Western Quadrant)

Water System Information:

Prime Station Code:	03S/02W-35M04 M	User ID:	01C
FRDS Number Number:	0103049001	County:	Alameda
District Number:	31	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Agricultural/Irrigation Well
Source Lat/Long:	373738.0 1220336.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01 - AGRICULTURAL		
System Number:	0103049		
System Name:	VAN COURT PUBLIC WATER SUPPLY		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

Sample Information: * Only Findings Above Detection Level Are Listed

Sample Collected:	03/29/1988	Findings:	9.700 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	03/29/1988	Findings:	3.100 UG/L
Chemical:	TRICHLOROETHYLENE		
Sample Collected:	03/29/1988	Findings:	9.700 UG/L
Chemical:	TOTAL TRIHALOMETHANES		
Sample Collected:	07/25/1988	Findings:	.560 UG/L
Chemical:	BROMODICHLORMETHANE (THM)		
Sample Collected:	07/25/1988	Findings:	7.000 UG/L
Chemical:	BROMOFORM (THM)		
Sample Collected:	07/25/1988	Findings:	3.000 UG/L
Chemical:	TRICHLOROETHYLENE		

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Elapsed ASTM days: Provides confirmation that this EDR report meets or exceeds the 90-day updating requirement of the ASTM standard.

FEDERAL ASTM STANDARD RECORDS

NPL: National Priority List

Source: EPA
Telephone: N/A

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC).

Date of Government Version: 02/04/00
Date Made Active at EDR: 03/15/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/07/00
Elapsed ASTM days: 37
Date of Last EDR Contact: 11/08/99

DELISTED NPL: NPL Deletions

Source: EPA
Telephone: N/A

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 11/08/99
Date Made Active at EDR: 03/15/00
Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 02/07/00
Elapsed ASTM days: 37
Date of Last EDR Contact: 11/08/99

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

Source: EPA
Telephone: 703-413-0223

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 02/14/00
Date Made Active at EDR: 03/15/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/02/00
Elapsed ASTM days: 13
Date of Last EDR Contact: 11/29/99

CERCLIS-NFRAP: No Further Remedial Action Planned

Source: EPA
Telephone: 703-413-0223

As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites.

Date of Government Version: 02/14/00
Date Made Active at EDR: 03/15/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 03/02/00
Elapsed ASTM days: 13
Date of Last EDR Contact: 11/29/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CORRACTS: Corrective Action Report

Source: EPA

Telephone: 800-424-9346

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/07/99

Date Made Active at EDR: 10/28/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 09/13/99

Elapsed ASTM days: 45

Date of Last EDR Contact: 12/13/99

RCRIS: Resource Conservation and Recovery Information System

Source: EPA/NTIS

Telephone: 800-424-9346

Resource Conservation and Recovery Information System. RCRIS includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA).

Date of Government Version: 09/01/99

Date Made Active at EDR: 11/17/99

Database Release Frequency: Semi-Annually

Date of Data Arrival at EDR: 10/06/99

Elapsed ASTM days: 42

Date of Last EDR Contact: 01/03/00

ERNS: Emergency Response Notification System

Source: EPA/NTIS

Telephone: 202-260-2342

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 01/06/00

Date Made Active at EDR: 02/08/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/00

Elapsed ASTM days: 8

Date of Last EDR Contact: 11/01/99

FEDERAL ASTM SUPPLEMENTAL RECORDS

BRS: Biennial Reporting System

Source: EPA/NTIS

Telephone: 800-424-9346

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/97

Database Release Frequency: Biennially

Date of Last EDR Contact: 12/20/99

Date of Next Scheduled EDR Contact: 03/20/00

CONSENT: Superfund (CERCLA) Consent Decrees

Source: EPA Regional Offices

Telephone: Varies

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: Varies

Database Release Frequency: Varies

Date of Last EDR Contact: Varies

Date of Next Scheduled EDR Contact: N/A

ROD: Records Of Decision

Source: NTIS

Telephone: 703-416-0223

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/31/99

Database Release Frequency: Annually

Date of Last EDR Contact: 01/10/00

Date of Next Scheduled EDR Contact: 04/10/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FINDS: Facility Index System/Facility Identification Initiative Program Summary Report

Source: EPA
Telephone: N/A

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/13/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/12/00
Date of Next Scheduled EDR Contact: 04/10/00

HMIRS: Hazardous Materials Information Reporting System

Source: U.S. Department of Transportation
Telephone: 202-366-4526

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 06/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 10/28/99
Date of Next Scheduled EDR Contact: 01/24/00

MLTS: Material Licensing Tracking System

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/29/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

MINES: Mines Master Index File

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959

Date of Government Version: 08/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/00
Date of Next Scheduled EDR Contact: 04/03/00

NPL LIENS: Federal Superfund Liens

Source: EPA
Telephone: 205-564-4267

Federal Superfund Liens. Under the authority granted the USEPA by the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner receives notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/91
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/24/99
Date of Next Scheduled EDR Contact: 02/21/00

PADS: PCB Activity Database System

Source: EPA
Telephone: 202-260-3936

PCB Activity Database. PADS identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 09/22/97
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 11/09/99
Date of Next Scheduled EDR Contact: 02/14/00

RAATS: RCRA Administrative Action Tracking System

Source: EPA
Telephone: 202-564-4104

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/95
Database Release Frequency: No Update Planned

Date of Last EDR Contact: 12/13/99
Date of Next Scheduled EDR Contact: 03/13/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TRIS: Toxic Chemical Release Inventory System

Source: EPA

Telephone: 202-260-1531

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/97

Database Release Frequency: Annually

Date of Last EDR Contact: 12/27/99

Date of Next Scheduled EDR Contact: 03/27/00

TSCA: Toxic Substances Control Act

Source: EPA

Telephone: 202-260-1444

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/94

Database Release Frequency: Every 4 Years

Date of Last EDR Contact: 01/03/00

Date of Next Scheduled EDR Contact: 04/24/00

STATE OF CALIFORNIA ASTM STANDARD RECORDS**CAL-SITES (AWP): Annual Workplan**

Source: California Environmental Protection Agency

Telephone: 916-323-3400

Known Hazardous Waste Sites. California DTSC's Annual Workplan (AWP), formerly BEP, identifies known hazardous substance sites targeted for cleanup.

Date of Government Version: 03/02/99

Date Made Active at EDR: 06/29/99

Database Release Frequency: Annually

Date of Data Arrival at EDR: 06/01/99

Elapsed ASTM days: 28

Date of Last EDR Contact: 01/31/00

CAL-SITES (ASPIS): Calsites

Source: Department of Toxic Substance Control

Telephone: 916-323-3400

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database.

Date of Government Version: 01/03/00

Date Made Active at EDR: 03/02/00

Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/31/00

Elapsed ASTM days: 31

Date of Last EDR Contact: 12/16/99

CHMIRS: California Hazardous Material Incident Report System

Source: Office of Emergency Services

Telephone: 916-464-3283

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/94

Date Made Active at EDR: 04/24/95

Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 03/13/95

Elapsed ASTM days: 42

Date of Last EDR Contact: 11/30/99

CORTESE: Cortese

Source: CAL EPA/Office of Emergency Information

Telephone: 916-327-1848

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/01/98

Date Made Active at EDR: 09/23/98

Database Release Frequency: Varies

Date of Data Arrival at EDR: 08/26/98

Elapsed ASTM days: 28

Date of Last EDR Contact: 11/01/99

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NOTIFY 65: Proposition 65

Source: State Water Resources Control Board
Telephone: 916-657-0696

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/93
Date Made Active at EDR: 11/19/93
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 11/01/93
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/24/00

TOXIC PITS: Toxic Pits

Source: State Water Resources Control Board
Telephone: 916-227-4364

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/95
Date Made Active at EDR: 09/26/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 08/30/95
Elapsed ASTM days: 27
Date of Last EDR Contact: 02/07/00

SWF/LF (SWIS): Solid Waste Information System

Source: Integrated Waste Management Board
Telephone: 916-255-4035

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/20/99
Date Made Active at EDR: 02/01/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 12/20/99
Elapsed ASTM days: 43
Date of Last EDR Contact: 12/20/99

WMUDS/SWAT: Waste Management Unit Database

Source: State Water Resources Control Board
Telephone: 916-227-4448

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 10/01/99
Date Made Active at EDR: 11/23/99
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 10/26/99
Elapsed ASTM days: 28
Date of Last EDR Contact: 02/22/00

LUST: Leaking Underground Storage Tank Information System

Source: State Water Resources Control Board
Telephone: 916-445-6532

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/03/00
Date Made Active at EDR: 02/07/00
Database Release Frequency: Quarterly

Date of Data Arrival at EDR: 01/10/00
Elapsed ASTM days: 28
Date of Last EDR Contact: 01/10/00

CA UST:

UST: Hazardous Substance Storage Container Database

Source: State Water Resources Control Board
Telephone: 916-227-4408

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/90
Date Made Active at EDR: 02/12/91
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 01/25/91
Elapsed ASTM days: 18
Date of Last EDR Contact: 01/17/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BEP: Bond Expenditure Plan

Source: Department of Health Services
Telephone: 916-255-2118

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/89
Date Made Active at EDR: 08/02/94
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 07/27/94
Elapsed ASTM days: 6
Date of Last EDR Contact: 05/31/94

FID: Facility Inventory Database

Source: California Environmental Protection Agency
Telephone: 916-445-6532

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/94
Date Made Active at EDR: 09/29/95
Database Release Frequency: No Update Planned

Date of Data Arrival at EDR: 09/05/95
Elapsed ASTM days: 24
Date of Last EDR Contact: 12/28/98

STATE OF CALIFORNIA ASTM SUPPLEMENTAL RECORDS**AST: Aboveground Petroleum Storage Tank Facilities**

Source: State Water Resources Control Board
Telephone: 916-227-4382
Registered Aboveground Storage Tanks.

Date of Government Version: 12/10/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/07/00
Date of Next Scheduled EDR Contact: 05/08/00

WDS: Waste Discharge System

Source: State Water Resources Control Board
Telephone: 916-657-1571
Sites which have been issued waste discharge requirements.

Date of Government Version: 10/29/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/07/00
Date of Next Scheduled EDR Contact: 03/27/00

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 12/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

HAZNET: Hazardous Waste Information System

Source: California Environmental Protection Agency
Telephone: 916-324-1781

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/98
Database Release Frequency: Annually

Date of Last EDR Contact: 11/15/99
Date of Next Scheduled EDR Contact: 02/14/00

SMS R_2: South Bay Site Management System

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Groundwater pollution cases in the Santa Clara Valley where the regulatory lead is the San Francisco Bay Regional Water Quality Control Board.

Date of Government Version: 05/21/99
Database Release Frequency: Annually

Date of Last EDR Contact: 01/31/00
Date of Next Scheduled EDR Contact: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LOCAL RECORDS

ALAMEDA COUNTY:

Local Oversight Program Listing of UGT Cleanup Sites

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 01/04/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/10/00
Date of Next Scheduled EDR Contact: 05/01/00

Underground Tanks

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700

Date of Government Version: 01/04/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/10/00
Date of Next Scheduled EDR Contact: 05/01/00

CONTRA COSTA COUNTY:

SL: Site List

Source: Contra Costa Health Services Department
Telephone: 925-646-2286

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 07/01/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/06/99
Date of Next Scheduled EDR Contact: 03/06/00

KERN COUNTY:

UST: Sites & Tanks Listing

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Kern County Sites and Tanks Listing.

Date of Government Version: 12/08/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/08/99
Date of Next Scheduled EDR Contact: 03/06/00

LOS ANGELES COUNTY:

SWF/LF: List of Solid Waste Facilities

Source: La County Department of Public Works
Telephone: 818-458-5185

Date of Government Version: 09/16/98
Database Release Frequency: Annually

Date of Last EDR Contact: 12/02/99
Date of Next Scheduled EDR Contact: 02/21/00

City of Los Angeles Landfills

Source: Engineering & Construction Division
Telephone: 213-473-7869

Date of Government Version: 08/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/22/99
Date of Next Scheduled EDR Contact: 03/20/00

HMS: Street Number List

Source: Department of Public Works
Telephone: 626-458-3517
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 06/30/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 10/12/99
Date of Next Scheduled EDR Contact: 01/10/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation List

Source: Community Health Services
Telephone: 323-890-7806
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/23/99
Database Release Frequency: Annually

Date of Last EDR Contact: 11/22/99
Date of Next Scheduled EDR Contact: 02/21/00

San Gabriel Valley Areas of Concern

Source: EPA Region 9
Telephone: 415-744-2407
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/98
Database Release Frequency: N/A

Date of Last EDR Contact: 06/29/99
Date of Next Scheduled EDR Contact: N/A

MARIN COUNTY:

UST Sites

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Currently permitted USTs in Marin County.

Date of Government Version: 03/01/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/23/00
Date of Next Scheduled EDR Contact: 05/08/00

NAPA COUNTY:

LUST: Sites With Reported Contamination

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 08/27/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/20/99
Date of Next Scheduled EDR Contact: 03/20/00

UST: Closed and Operating Underground Storage Tank Sites

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269

Date of Government Version: 08/30/99
Database Release Frequency: Annually

Date of Last EDR Contact: 12/20/99
Date of Next Scheduled EDR Contact: 03/20/00

ORANGE COUNTY:

LUST: List of Underground Storage Tank Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/02/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/13/99
Date of Next Scheduled EDR Contact: 03/13/00

UST: List of Underground Storage Tank Facilities

Source: Health Care Agency
Telephone: 714-834-3446
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 11/29/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/13/99
Date of Next Scheduled EDR Contact: 03/13/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

List of Industrial Site Cleanups

Source: Health Care Agency
Telephone: 714-834-3446
Petroleum and non-petroleum spills.

Date of Government Version: 01/19/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/03/00
Date of Next Scheduled EDR Contact: 03/13/00

PLACER COUNTY:

MS: Master List of Facilities

Source: Placer County Health and Human Services
Telephone: 530-889-7335
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/20/00
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 12/27/99
Date of Next Scheduled EDR Contact: 03/27/00

RIVERSIDE COUNTY:

LUST: Listing of Underground Tank Cleanup Sites

Source: Department of Public Health
Telephone: 909-358-5055
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/04/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/24/00
Date of Next Scheduled EDR Contact: 04/24/00

UST: Tank List

Source: Health Services Agency
Telephone: 909-358-5055

Date of Government Version: 10/04/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/24/00
Date of Next Scheduled EDR Contact: 04/24/00

SACRAMENTO COUNTY:

Toxsite List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Date of Government Version: 12/01/98
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/00
Date of Next Scheduled EDR Contact: 05/08/00

ML: Regulatory Compliance Master List

Source: Sacramento County Environmental Management
Telephone: 916-875-8450

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 04/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/00
Date of Next Scheduled EDR Contact: 05/08/00

SAN BERNARDINO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DEHS Permit System Print-Out By Location

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 02/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/13/99
Date of Next Scheduled EDR Contact: 03/13/00

SAN DIEGO COUNTY:

SWF/LF: Solid Waste Facilities

Source: Department of Health Services
Telephone: 619-338-2209
San Diego County Solid Waste Facilities.

Date of Government Version: 07/01/98
Database Release Frequency: Annually

Date of Last EDR Contact: 12/03/99
Date of Next Scheduled EDR Contact: 02/28/00

HMMD: Hazardous Materials Management Division Database

Source: Hazardous Materials Management Division
Telephone: 619-338-2268

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 01/02/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

SAN FRANCISCO COUNTY:

LUST: Local Oversight Facilities

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920

Date of Government Version: 12/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/27/99
Date of Next Scheduled EDR Contact: 03/13/00

Underground Storage Tank Information

Source: Department of Public Health
Telephone: 415-252-3920

Date of Government Version: 12/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/15/99
Date of Next Scheduled EDR Contact: 03/13/00

SAN JOSE COUNTY:

Hazmat Facilities

Source: City of San Jose Fire Department
Telephone: 408-277-4659

Date of Government Version: 08/24/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/22/99
Date of Next Scheduled EDR Contact: 03/13/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SAN MATEO COUNTY:

LUST: Fuel Leak List

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

Date of Government Version: 12/02/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/31/00
Date of Next Scheduled EDR Contact: 05/01/00

Business Inventory

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 06/24/99
Database Release Frequency: Annually

Date of Last EDR Contact: 01/24/00
Date of Next Scheduled EDR Contact: 04/17/00

SANTA CLARA COUNTY:

LUST: Fuel Leak Site Activity Report

Source: Santa Clara Valley Water District
Telephone: 408-927-0710

Date of Government Version: 12/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/26/00
Date of Next Scheduled EDR Contact: 04/03/00

SOLANO COUNTY:

LUST: Leaking Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/22/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/22/99
Date of Next Scheduled EDR Contact: 03/20/00

UST: Underground Storage Tanks

Source: Solano County Department of Environmental Management
Telephone: 707-421-6770

Date of Government Version: 12/22/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/22/99
Date of Next Scheduled EDR Contact: 03/20/00

SONOMA COUNTY:

LUST Sites

Source: Department of Health Services
Telephone: 707-525-6565

Date of Government Version: 11/01/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/00
Date of Next Scheduled EDR Contact: 05/01/00

SUTTER COUNTY:

UST: Underground Storage Tanks

Source: Sutter County Department of Agriculture
Telephone: 530-741-7504

Date of Government Version: 08/02/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VENTURA COUNTY:

SWF/LF: Inventory of Illegal Abandoned and Inactive Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 06/01/97

Database Release Frequency: Annually

Date of Last EDR Contact: 11/29/99

Date of Next Scheduled EDR Contact: 02/28/00

LUST: Listing of Underground Tank Cleanup Sites

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 12/06/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/20/99

Date of Next Scheduled EDR Contact: 03/20/00

UST: Underground Tank Closed Sites List

Source: Environmental Health Division

Telephone: 805-654-2813

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 10/21/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/17/00

Date of Next Scheduled EDR Contact: 04/17/00

BWT: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 12/06/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 12/20/99

Date of Next Scheduled EDR Contact: 03/20/00

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Source: Yolo County Department of Health

Telephone: 530-666-8646

Date of Government Version: 07/15/99

Database Release Frequency: Annually

Date of Last EDR Contact: 01/24/00

Date of Next Scheduled EDR Contact: 04/24/00

California Regional Water Quality Control Board (RWQCB) LUST Records

LUST REG 1: Active Toxic Site Investigation

Source: California Regional Water Quality Control Board North Coast (1)

Telephone: 707-576-2220

Date of Government Version: 08/06/99

Database Release Frequency: Quarterly

Date of Last EDR Contact: 11/30/99

Date of Next Scheduled EDR Contact: 02/28/00

LUST REG 2: Fuel Leak List

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 510-286-0457

Date of Government Version: 01/11/00

Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/27/00

Date of Next Scheduled EDR Contact: 04/17/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 3: LUSTIS Database

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Date of Government Version: 11/24/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/24/00
Date of Next Scheduled EDR Contact: 05/22/00

LUST REG 4: Underground Storage Tank Leak List

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-266-6600

Date of Government Version: 08/24/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/16/00
Date of Next Scheduled EDR Contact: 03/06/00

LUST REG 5: Leaking Underground Storage Tank Database

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-255-3125

Date of Government Version: 02/01/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

LUST REG 6L: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 916-542-5424

Date of Government Version: 12/31/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-346-7491

Date of Government Version: 01/25/00
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

LUST REG 7: Leaking Underground Storage Tank Case Listing

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-346-7491

Date of Government Version: 12/31/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/03/00
Date of Next Scheduled EDR Contact: 04/03/00

LUST REG 8: (LUSTIS) Leaking Underground Storage Tanks

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4498

Date of Government Version: 10/22/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/14/00
Date of Next Scheduled EDR Contact: 04/17/00

LUST REG 9: Leaking Underground Storage Tank Report

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 619-467-2952

Date of Government Version: 10/22/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/24/00
Date of Next Scheduled EDR Contact: 04/24/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

California Regional Water Quality Control Board (RWQCB) SLIC Records

SLIC REG 1: Active Toxic Site Investigations

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220

Date of Government Version: 08/06/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 11/30/99
Date of Next Scheduled EDR Contact: 02/28/00

SLIC REG 2: North and South Bay Slc Report

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 12/14/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 01/31/00
Date of Next Scheduled EDR Contact: 04/17/00

SLIC REG 3: SLIC Data

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 11/24/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 02/24/00
Date of Next Scheduled EDR Contact: 05/22/00

SLIC REG 4: SLIC Sites

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600

Any contaminated site that impacts groundwater or has the potential to impact groundwater.

Date of Government Version: 10/25/99
Database Release Frequency: Quarterly

Date of Last EDR Contact: 02/08/00
Date of Next Scheduled EDR Contact: 05/01/00

SLIC REG 5: SLIC List

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-855-3075

Unregulated sites that impact groundwater or have the potential to impact groundwater.

Date of Government Version: 09/30/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583

Date of Government Version: 12/01/98
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/10/00
Date of Next Scheduled EDR Contact: 04/10/00

SLIC REG 8: SLIC List

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-3298

Date of Government Version: 07/27/99
Database Release Frequency: Semi-Annually

Date of Last EDR Contact: 01/11/00
Date of Next Scheduled EDR Contact: 04/10/00

SLIC REG 9: WDS NURD List

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980

Date of Government Version: 03/12/99
Database Release Frequency: Annually

Date of Last EDR Contact: 12/07/99
Date of Next Scheduled EDR Contact: 03/06/00

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR PROPRIETARY DATABASES

Former Manufactured Gas (Coal Gas) Sites: The existence and location of Coal Gas sites is provided exclusively to EDR by Real Property Scan, Inc. ©Copyright 1993 Real Property Scan, Inc. For a technical description of the types of hazards which may be found at such sites, contact your EDR customer service representative.

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HISTORICAL AND OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

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

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-260-2805

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SWDIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

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

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

Oil/Gas Pipelines/Electrical Transmission Lines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines and electrical transmission lines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

USGS Water Wells: In November 1971 the United States Geological Survey (USGS) implemented a national water resource information tracking system. This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on more than 900,000 wells, springs, and other sources of groundwater.

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in March 1997 from the U.S. Fish and Wildlife Service.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

Water Dams: National Inventory of Dams
Source: Federal Emergency Management Agency
Telephone: 202-646-2801
National computer database of more than 74,000 dams maintained by the Federal Emergency Management Agency.

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

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

California Oil and Gas Well Locations for District 2 and 6
Source: Department of Conservation
Telephone: 916-323-1779

APPENDIX B

Site Reconnaissance Photographs

APPENDIX B
PHOTO LOG
Canterbury Residential Development
Hayward, California

1. Development activities on Stonehaven Court (looking southeast from Taylor Avenue).
2. Occupied home looking northwest on Spalding Street from Holyoke Avenue.
3. Looking northeast down Holyoke Avenue from Spalding Street Toomey Trucking on right.
4. Unoccupied homes on Telford Court.
5. Unoccupied homes on Branaugh Court.
6. Development activities on Silverstar Lane.
7. Grading activities at the Hard Park property (looking north).
8. Site boundary adjacent to 727 Industrial Parkway (looking southeast). Former UST located along nearest section of fencing.
9. Development activities on Chesterfield Court.
10. Toomey Trucking (687 Olympic Avenue).

PHOTOS
Canterbury Residential Development
Hayward, California



PHOTO 1

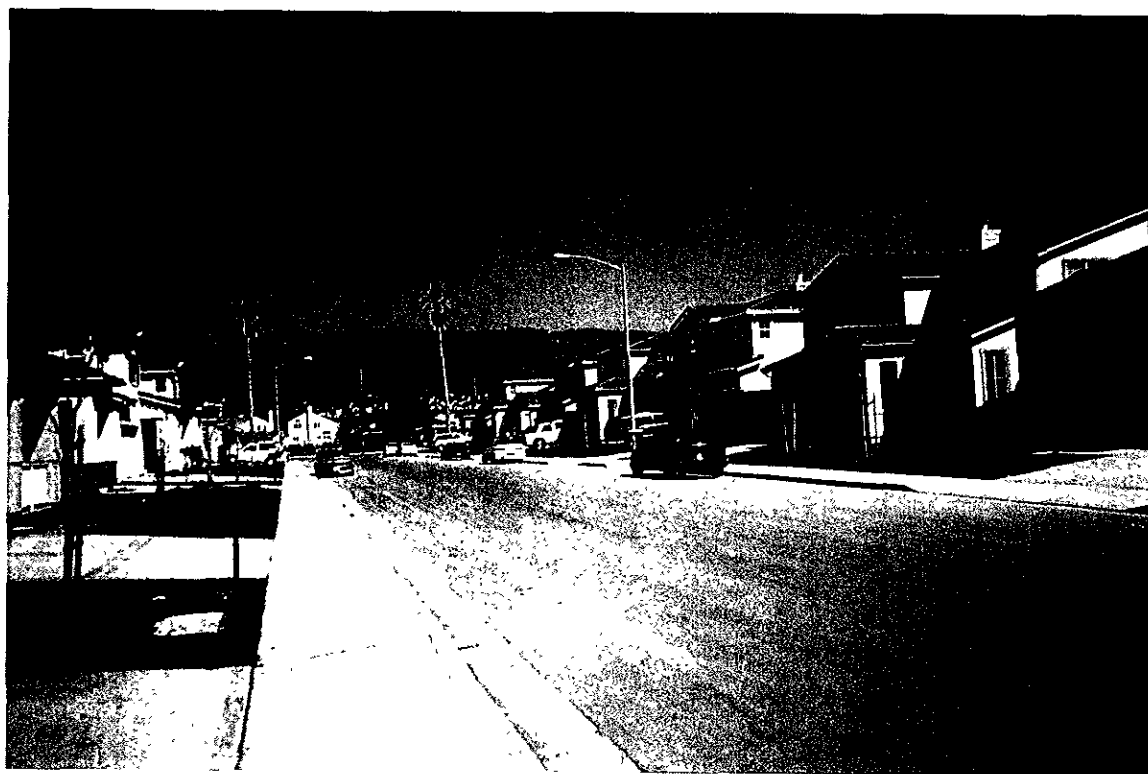


PHOTO 2

PHOTOS
Canterbury Residential Development
Hayward, California

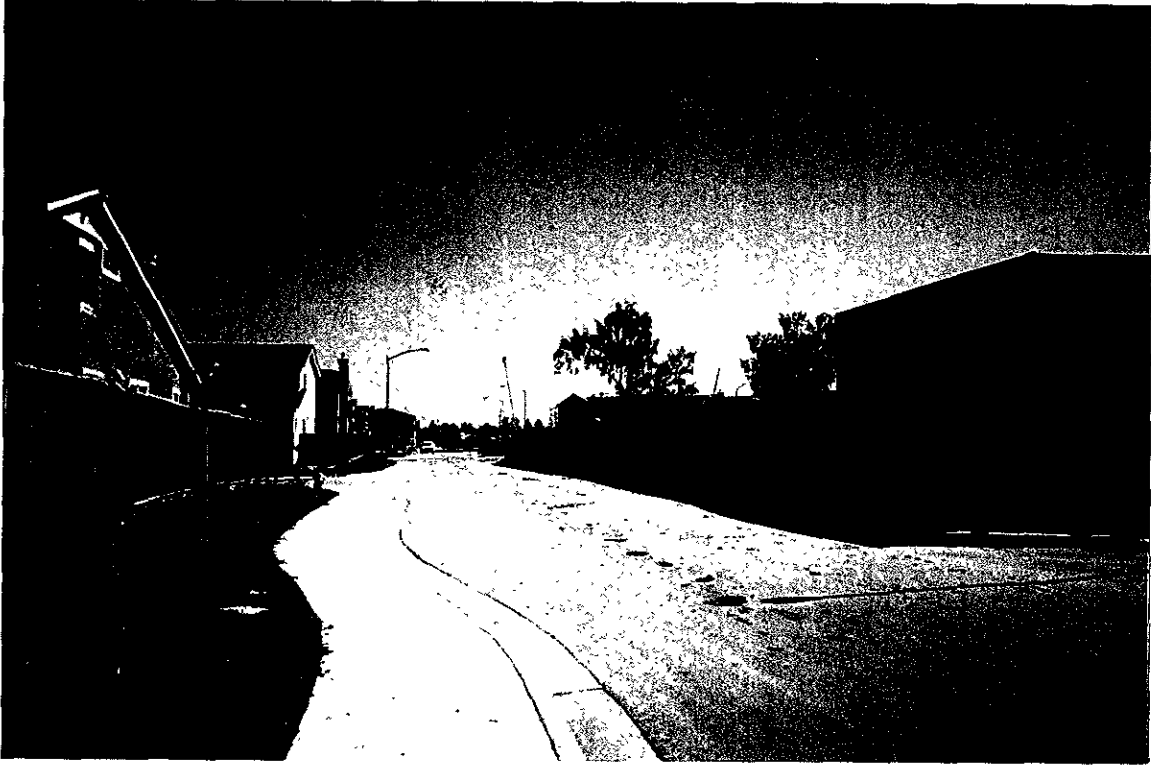


PHOTO 3



PHOTO 4

PHOTOS
Canterbury Residential Development
Hayward, California

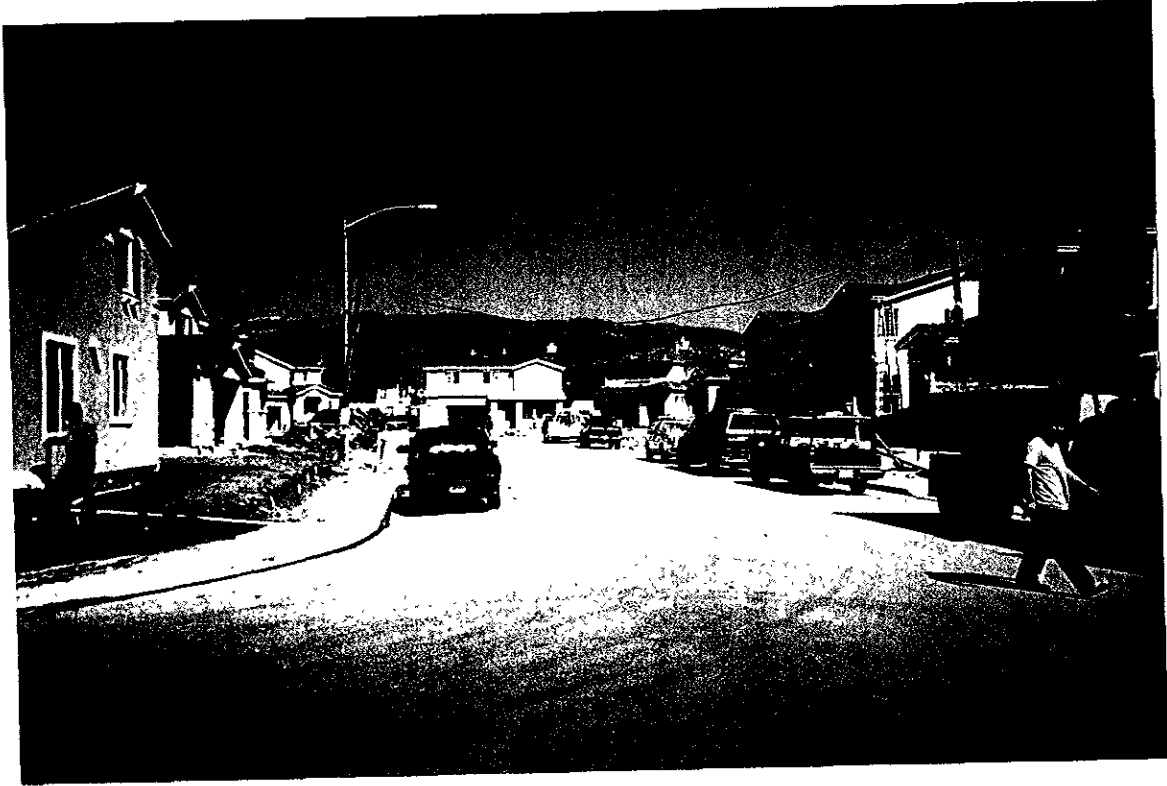


PHOTO 5



PHOTO 6

PHOTOS
Canterbury Residential Development
Hayward, California



PHOTO 7

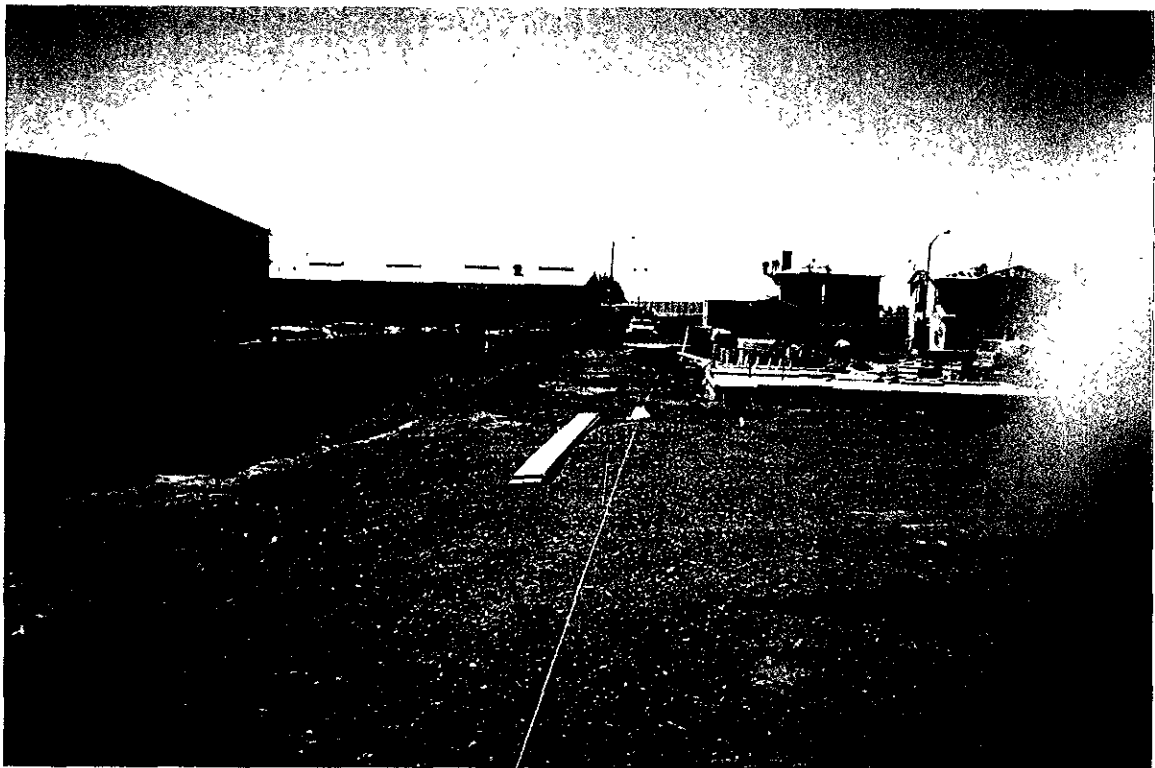


PHOTO 8

PHOTOS
Canterbury Residential Development
Hayward, California



PHOTO 9

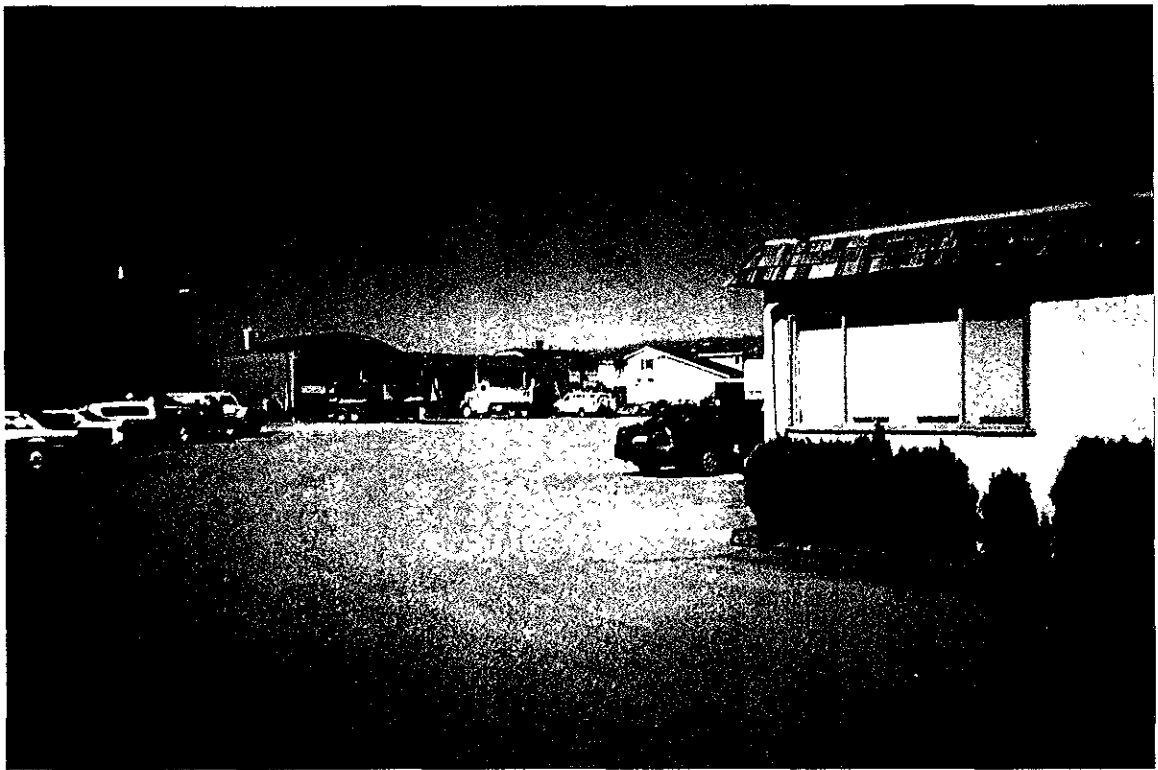


PHOTO 10