

PHASE I ENVIRONMENTAL ASSESSMENT
TRINITY COURT PROPERTIES
6560 & 6575 TRINITY COURT and
6805 & 6905 SIERRA COURT
DUBLIN, CALIFORNIA

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EXECUTIVE SUMMARY

McLaren/Hart conducted a Phase I Environmental Assessment (Phase I EA) and a limited Phase II investigation at the Trinity Court Properties located at 6560 and 6575 Trinity Court, and 6805 and 6905 Sierra Court in Dublin, California (hereafter referred to as the Property) for Kemper Real Estate Management Company (KREMCO). A description of the Property and the on-site and off-site environmental issues identified during the Phase I EA and limited Phase II investigation are presented in the following sections. A site location map is presented in Figure 1.

Property Description

The Property is occupied by four large office/industrial buildings which were constructed in the mid 1980s. The configuration of the buildings is shown in Figures 2 and 3. The Property has an elevation of approximately 330 feet above mean sea level. Groundwater occurs at a depth of approximately 11 feet below ground surface and flows to the west. A description of each building is presented below.

6905 Sierra Court

The building at 6905 Sierra Court is a 20,700 square foot structure constructed with concrete walls and floor, and steel and wood beams. The building is presently occupied by Airborne Express Inc., and is used as a distribution center for shipping operations. McLaren/Hart was refused access to this building during the time of the site inspection and was unable to obtain specific information regarding facility operations.

6575 Trinity Court

The building at 6575 Trinity Court is a 20,702 square foot structure constructed with concrete walls and floor, and steel and wood beams. The building is occupied by several small businesses which generally use the space for office use. However, East Bay Garden Equipment and Flora Tech Landscaping Service (which occupy the south portion of the building) use part of their space to house company vehicles and gas-operated lawn mowers, weed eaters and other equipment related to landscape maintenance.

6805 Sierra Court

The building at 6805 Sierra Court is a 36,070 square foot structure constructed with concrete walls and floor, and steel and wood beams. The building is occupied by several small businesses which use the space for general office use and storage of miscellaneous supplies. Federal Sign Inc. (which occupies the south end of the building) manufactures multi-purpose signs. This company ~~operates a hazardous~~ material storage area (HMSA) where motor oil, antifreeze, and other hazardous materials are stored.

6560 Trinity Court

The building at 6560 Trinity Court is a 42,225 square foot structure constructed with concrete walls and floor, and steel and wood beams. The building is occupied by the Valent Corporation which uses the facility as an agricultural research laboratory. The laboratory occupies about 20% of the total area and is situated in the southwest portion of the building. The remainder of the building consists of empty space and office area. A chemical storage area for both waste and unused chemicals is located in the southern portion of the building.

On-Site Environmental Issues

McLaren/Hart observed various hazardous materials and chemicals (such as cleaning supplies, solvents, thinners, 12-volt car batteries, and motor oil) stored at several of the businesses that occupy the Property. These materials were generally stored properly on concrete slab floors in one (1) to fifty-five (55) gallon containers and were kept in secured areas where any spillage would have been restricted to the concrete in that particular area. Other on-site environmental issues associated with the Property are described briefly below.

6905 Sierra Court

The building at 6905 Sierra Court is occupied by Airborne Express. McLaren/Hart was denied access to this facility at the time of inspection and was unable to verify facility operations. Based upon telephone communication with Mr. Mike Halley (the store manager) no hazardous materials are used at the facility, the trucks are fueled off site, and the trucks are serviced at an off-site garage. Mr. Halley indicated that Airborne has occupied the building for approximately three years and that Airborne was the first tenant to occupy the building.

6575 Trinity Court

The building at 6575 Trinity Court was formerly occupied by Accura-Med Corporation and TVA Electronics. A file at the Alameda County Department of Environmental Health indicated that dumping of sulfuric acid into the storm drain at the site had occurred in June of 1990. The quantity that was released was not revealed on the complaint form in the County's file, and there was no indication that any follow-up work was completed or required. Based upon available information (including the lack of any required follow-up work), the release of sulfuric acid does not appear to be a significant environmental concern. A permit to use freon as a degreaser at the site was also in the County's file, however, no documented releases of freon were identified in the file. Flora Tech Landscaping and East Bay Garden Equipment, which currently occupy this building, store small quantities of hazardous materials. The chemicals appear to be stored properly and are not a significant environmental concern.

6805 Sierra Court

Current tenants in this building include Federal Sign Inc. which operates a ~~hazardous materials~~ storage area (HMSA). Federal Sign Inc. has occupied the building since approximately 1987. Oil staining was observed on the asphalt in and around the HMSA and in a small landscaped area located immediately northeast of the HMSA. One soil boring (SB-1) was drilled in the landscaped area adjacent to the HMSA area to provide a preliminary indication of soil conditions immediately beneath the stain. Soil samples collected from the 1 and 5 foot depth intervals of SB-1 were analyzed for TPH (EPA 418.1), VOCs (EPA 8240), and metals. TPH was detected in SB-1 (1 and 5 feet) at 58 and 220 mg/kg, respectively. Several different metals were detected in the soil samples, although all metal results were less than State of California Title 22 hazardous waste criteria (TTLC). VOCs were not detected in either soil sample.

were they < 10x5 TLC?

Based upon the analytical results of the soil samples collected from SB-1, four additional soil borings (SB-2 through SB-5) were drilled around the HMSA to evaluate the extent of TPH in soil and to assess groundwater conditions. The soil borings were drilled to depths of between 13 to 14 feet below ground surface (BGS). Two soil samples were collected from each boring at 5 feet BGS and immediately above the groundwater (encountered at 11.5 to 13 feet BGS). Grab groundwater samples were collected through the hollow-stem auger at each boring location using a disposable polyethylene bailer. All soil and groundwater samples were analyzed for TPH using EPA Method 418.1. TPH was not detected in soil or groundwater samples analyzed from SB-2 through SB-5.

Based on these results, it appears that groundwater has not been impacted by TPH detected in SB-1 soil. In addition, soil contamination appears to be limited to the landscaped area bordering the northern perimeter of the HMSA. Although it was not possible to locate a soil boring south of the HMSA, oil staining was not observed on the asphalt in this area, and TPH contamination in this area is not anticipated.

6560 Trinity Court

The building at 6560 Trinity Court was previously occupied by Plant Cell Research Inc. (PCRI) which used radioactive tracers including carbon-14 and sulfur-35 in their research. The current tenant in this building is Valent Corporation, and small quantities of hazardous materials and waste are stored on the premises.

In 1991, an investigation was conducted at 6560 Trinity Court to evaluate potential contamination of the building with radioactive contaminants and the possible transport of radioactive contaminants to the soil and groundwater. Wipe samples from two areas inside the building had levels of radioactive contaminants above the State of California release limit, and these areas were decontaminated. The ground surface outside the building in parking lot and planter areas was also tested, but no radiation was detected above background levels.

Three monitoring wells were constructed to evaluate whether the radioactivity detected in the wipe samples had migrated to soil or groundwater. Soil and water samples were collected from each well and analyzed for alpha and beta radiation, volatile and semi-volatile organic substances, TPH, and 13 priority pollutant metals. All soil and water samples analyzed for volatile and semi-volatile organic compounds, and TPH were "non-detect". The soil samples contained low concentrations of metals that were below the State of California Hazardous Waste Criteria (TTL). Mercury was detected in one groundwater sample, but the concentration was below the State of California Maximum Contaminant Level (MCL). Gross alpha and beta radiation were detected in groundwater at concentrations greater than State of California drinking water standards.

Based upon the previous detection of gross alpha and beta radiation in groundwater and the on-going usage and storage of hazardous materials at the Property, McLaren/Hart resampled the wells on the site. Groundwater samples were collected from the three existing monitoring wells (MW-1, MW-2, and MW-3) on January 13, 1994. The groundwater samples were analyzed for volatile organic compounds (VOCs) using EPA Method 8240, semi-volatile organic compounds (SVOs) using EPA Method 8270, total petroleum hydrocarbons (TPH) using EPA Method 418.1, priority pollutant metals (EPA 3050/6010), gross alpha and beta (EPA 900.00), and uranium (EPA 908.00) radioactivity.

All VOCs, SVOs, and TPH results were below laboratory detection limits. With the exception of mercury, detected in MW-1 at a concentration 0.3 µg/L, metals were not detected in the groundwater. Mercury detected in MW-1 at 0.3 µg/L does not appear to be a concern since it was detected at a concentration less than the State of California Maximum Contaminant Level (MCL) of 2 µg/L. The level of radioactivity detected in soil and water samples collected from the site are attributable to naturally occurring uranium and they do not indicate contamination resulting from radioactive materials previously used by Plant Cell Research, Inc. »

Off-Site Environmental Issues

The areas surrounding the Property are used for office, commercial business or warehouse buildings and they do not appear to pose any significant environmental concerns for the Property. Based upon review of regulatory agency databases, there are several sites within a 1/8 mile radius of the Property that generate small quantities of hazardous waste. Based upon available information, these sites are all located hydraulically downgradient or crossgradient from the Property and they are not a potential environmental concern. A gasoline station was identified during the site inspection at 6955 Sierra Court, approximately 1/8 of mile southwest of the site. This gasoline station does not appear on the leaking underground storage tank (LUST) list, and it is located crossgradient from the Property. This gasoline station does not pose an environmental concern for the Property.

Conclusions

The Phase I EA indicated that chemical usage is associated with operations currently conducted at the Property by Flora Tech Landscaping and East Bay Garden Equipment (6575 Trinity Court), Federal Sign Inc. (6805 Sierra Court), and Valent Corporation (6560 Trinity Court). In addition, operations associated with previous tenants at 6575 and 6560 Trinity Court also involved chemical usage.

McLaren/Hart did not identify any significant environmental concerns associated with the 6905 Sierra Court and 6575 Trinity Court Properties and no Phase II work is recommended for these areas. McLaren/Hart did identify significant environmental concerns associated with 6575 Trinity Court and 6805 Sierra Court and limited Phase II investigations were conducted.

The results of these investigations indicate that soil in the vicinity of the hazardous materials storage area at 6805 Sierra Court has been impacted with TPH. The amount of impacted soil appears to be minimal and groundwater in the area has not been impacted. The limited Phase II investigation conducted at 6560 Trinity Court indicates that groundwater quality in this area has not been impacted by previous operations.

1.0 INTRODUCTION

McLaren/Hart is pleased to present this Phase I Environmental Assessment (Phase I EA) and limited Phase II investigation results for the Trinity Court Properties located at 6560 and 6575 Trinity Court, and 6805 and 6905 Sierra Court in Dublin, Alameda County, California (hereafter referred to as Property). The Phase I EA was conducted for Kemper Real Estate Management Company in accordance with McLaren/Hart's proposal entitled *Revised Proposal to Complete Phase I Environmental Assessments of 22 Peter Bedford Properties located in the Middle and Western United States*, dated December 13, 1993. The Phase II investigation was conducted in accordance with the *Proposals to Conduct Soil and Groundwater Sampling at the Trinity Court Properties, Dublin, California*, dated January 12, 1994 and January 24, 1994.

The objective of the Phase I EA was to provide a visual assessment of all elements of the Property which could potentially result in environmental impacts and to look for physical evidence of potential contamination. The scope of work for this investigation generally included:

- evaluating historical and current land use;
- conducting an inspection of the Property;
- identifying adjacent and nearby properties;
- reviewing regulatory agency records and files; and
- developing the Phase I report.

It should be noted that the property investigations performed hereunder should not be construed to be complete characterizations of overall environmental regulatory compliance, or of conditions above or below grade. The Phase I EA did not include any testing or sampling of asbestos, lead paint, lead in tap water, or a wetlands evaluation. The Phase II sampling program was generally conducted as a "problem/no problem" investigation and was not designed to define the degree or extent of potential contamination. McLaren/Hart has assumed that the information sources utilized for this investigation provided complete and accurate information; however, regulatory files are often difficult to access and incomplete, particularly in regard to historical data. Any reliance by KREMCO shall be consistent and in keeping with the limitations expressed herein, and subject to project work scope limitations.

The work performed hereunder is consistent with the standards of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. It is McLaren/Hart's opinion that the environmental assessment and limited Phase II investigation performed and reported herein provides an appropriate degree of confidence to preliminarily determine if there is evidence to suggest that significant environmental concerns exist on the property. No other representation, expressed or implied, and no warranty or guarantee is included or intended in this Report, or any opinion, document or otherwise.

2.0 PROPERTY DESCRIPTION

This section presents a general description of the Property and surrounding area, and discussions of the historical and current land use of the Property. The information presented in this section is based on interviews, review of regulatory agency files, discussions with regulatory agency personnel, review of environmental databases, and a site inspection.

2.1 Site Location and Building Description

The property is located on the southeast and northeast corners of the intersection of Sierra Court and Trinity Court in Dublin, Alameda County, California. The layout of the Property is shown in Figures 2 and 3.

The Property consists of four large office/industrial buildings which range in size from 20,700 square feet to 42,225 square feet. All buildings are constructed with concrete floors and walls, steel and wood support beams, and plywood roofs. All four buildings are surrounded by asphalt paved parking lots.

2.2 Environmental Setting

The City of Dublin is located in the San Ramon Valley within the Amador Subbasin of the Livermore Valley Basin. The Property is at an elevation of approximately 330 feet above mean sea level and the topography around the Property dips gently to the southwest. The lower extent of the (intermittent) Alamo Creek and Dougherty Hills are located approximately 1/4 mile north of the Property. The northeastern edge of the Sunol Ridge is located approximately 2 miles southwest of the Property.

Shallow unconfined groundwater can typically be found near the surface in the vicinity of the Property. The shallow groundwater in the area is generally considered to be of poor quality. The major aquifers in the area are typically confined and occur at or below approximately 90 feet below ground surface. The deeper confined groundwater is generally considered to be of good to excellent quality.

A groundwater investigation was conducted at 6560 Trinity Court in July 1991 by Mittelhauser Corporation. Three monitoring wells were installed at the site during that investigation and first groundwater was encountered at a depth of approximately 11 feet below ground surface (BGS). The direction of groundwater flow was reported to be to the west and the hydraulic gradient was reported to be 0.002. McLaren/Hart resounded the monitoring wells on site in conjunction with Phase II sampling conducted on January 13, 1994. The depth to water in the three wells ranged between 11.28 and 11.35 BGS and the groundwater flow direction was determined to be to the west.

2.3 Historical Land Use

The Property was used for agricultural purposes during the 1950s, 1960s, and 1970s. Development of the Property and surrounding area did not occur until the 1980s. Since that time numerous research, small manufacturing, and commercial businesses and offices have occupied different portions of the buildings on the Property.

2.3.1 Sanborn Map Review

Sanborn maps typically exist for cities with populations of 2,000 or more, the coverage beginning in 1867 and continuing until the present. The availability of Sanborn coverage is dependent on the location of the Property. McLaren/Hart requested that Environmental Risk Information & Imaging Services (ERIIS) review Sanborn files to determine whether Sanborn Maps exist for the Property. No Sanborn Maps were available for the property or surrounding area.

2.3.2 Aerial Photograph Review

Aerial photographs were reviewed to identify evidence of past land uses, spills, staining, extensive land disturbance, above ground tanks, pump islands, landfills, sumps, chemical storage areas, settling ponds, and other potential hazardous material sources. Aerial photographs generally provide a surface view of land uses and changes in development over time.

Aerial photographs from the years 1954, 1969, 1978, 1986, and 1992 were reviewed at Pacific Aerial Photographs in Oakland, California. A summary of the review is presented below.

The 1954 aerial photograph was the earliest photograph available. The entire Dublin area was used for agricultural purposes at that time. The only road which appeared in the area was Interstate 680, located approximately 0.75 miles southwest of the Property. Main thoroughfares such as Amador Valley Blvd. and Dublin Blvd. had not been built. There were no buildings or industrial land use practices taking place in the vicinity of the site at that time.

The 1969 photograph shows the Dublin area to be under development, although the Property was still used for agricultural purposes. Amador Valley Blvd. and Dublin Blvd. had been built. Sierra Court can be seen on this photograph, but it ends about one block south of the present day intersection of Sierra and Trinity Courts. No buildings existed on Sierra Court at that time. There was a small barn shaped structure situated immediately adjacent to the northeast corner of what is now 6515 Trinity Court. There does not appear to be any ground staining or vehicles parked in the area.

The 1978 aerial view of the property and surrounding area shows it to be much the same as it appeared in the 1969 photograph. Sierra Court and Trinity Court had not been completed. The only noticeable difference is the present day small business building situated east of Trinity Court. Also, there were office/industrial buildings located along Sierra Court, as close as one block south of the site.

A review of the 1986 and 1992 aerial photographs show the site to appear as it does today. All roadways and present day buildings, both on-site and in the surrounding area had been completed by 1986. The only observed difference between the 1986 and 1992 photographs was the cyclone fence (which now separates the 6515 Trinity Court property from the adjacent properties to the north, east and west) had not been installed as of April 1986. There appear to be off-road vehicle dirt trails connecting this property with the adjacent land to the north.

A review of the 1954, 1969, 1978, 1986, and 1992 aerial photographs revealed that there were no apparent landfills, lagoons, or any large scale industrial type buildings located on or adjacent to the Property.

2.3.3 Alameda County Assessors Office

The Alameda County Assessors Office in Oakland, California was contacted on December 23, 1993 to obtain information regarding the parcel numbers, registered owner, and history of the Property. According to the County Assessors Office, the parcel numbers for 6560 and 6575 Trinity Court are 941-205-29 and 941-205-32, respectively, and the registered owner is Trinity Court Properties. The parcel numbers for 6805 and 6905 Sierra Court are 941-205-28-1 and 941-205-33-1, respectively, and the registered owner is Trinity Court Properties. Information regarding the history of the Property was not provided.

2.4 Site Inspection

On December 20 and December 21, 1993, Mr. John Love of McLaren/Hart conducted a visual inspection of the Property. Tenants at the Property were interviewed and provided McLaren/Hart with information pertaining to site activities and the history of their particular business. Tenants which use the Property for general office purposes only or for storing non-hazardous materials were not interviewed in depth. However, a brief visit to these businesses was conducted to confirm the use of their rental space. A list of tenants in each building is presented in the table below.

| Building Location | Tenants |
|--------------------------|---|
| 6905 Sierra Court | Airborne Express |
| 6575 Trinity Court | Flora Tech Landscaping Service General Electric Supply DHE, Inc./Noble StorageTek Home Guard Exterminators East Bay Garden Equipment, Inc. |
| 6805 Sierra Court | Rajala Therapy Sales PC/M William Wurzbach Co., Inc. Federal Sign |
| 6560 Trinity Court | Valent Corporation |

The site inspection focussed on Flora Tech Landscaping Services and East Bay Garden Equipment located at 6575 Trinity Court, Federal Sign Inc. located at 6805 Sierra Court, and Valent Corp. located at 6560 Trinity Court. Based upon available information, these were the only businesses on the Property that use and store potentially hazardous materials in quantities which could be of environmental concern. The results of the site inspection are presented in the following sections.

2.4.1 Facility Operations

6905 Sierra Court - Airborne Express

The building at 6905 Sierra Court is occupied by Airborne Express. McLaren/Hart was denied access to this facility at the time of inspection and was unable to verify facility operations. McLaren/Hart contacted the store manager, Mr. Mike Halley, by telephone on January 12, 1993. Mr. Halley indicated that Airborne has occupied the building for approximately three years and that Airborne was the first tenant on the premises. Airborne uses the facility as a distribution center for shipping operations. Mr. Halley indicated that hazardous materials are not used at the facility, that their trucks are fueled off site, and that there are no underground tanks on the premises. He also stated that the trucks go to a garage off site for maintenance.

6575 Trinity Court - Flora Tech Landscaping Services and East Bay Garden Equipment

Flora Tech Landscaping Services and Eastbay Garden Equipment are located adjacent to each other at 6575 Trinity Court. Together they occupy the southeast portion of the building. Flora Tech Landscaping Services uses the building for office space and shop area. The shop area is used to store landscaping supplies and equipment such as lawn mowers and weed eaters. According to the owner, Mr. Dean Schenone, gasoline is also stored in the shop area in 1- to 5-gallon containers that are kept in storage cabinets.

Eastbay Garden Equipment (Eastbay) sells and repairs small engine equipment such as lawn mowers, chain saws, and other yard maintenance equipment. No one from Eastbay was interviewed during the site inspection. According to Mr. Dean Schenone of Flora Tech Landscaping Services, Eastbay stores waste oil from their equipment servicing operations in a 55-gallon drum on site until it is picked up by a waste disposal contractor.

6805 Sierra Court - Federal Sign Inc.

Federal Sign Inc. occupies the south portion of 6805 Sierra Court. According to Mr. Jim Rackel, the Operations Manager, Federal Sign manufactures business signs for a wide range of clients. Their operations within the building primarily consists of

sign design and fabrication. Approximately 50% of Federal Sign's space is utilized as a shop area. Located within the shop is a spray paint booth permitted by the Bay Area Air Quality Management District (BAAQMD). Mr. Rackel indicated that Federal Sign must log all paint usage as required by BAAQMD. Oil and antifreeze is temporarily kept on the site in 55-gallon drums located in a secured area east of the building until it is picked up for disposal (Figure 2).

6560 Trinity Court - Valent Corporation

Valent Corporation (Valent) occupies the entire building at 6560 Trinity Court. According to Dr. Charles Green with Valent, the building is presently used as a laboratory facility for conducting pesticide residue research. Most of the building currently consists of office space or is vacant. Laboratory facilities and a hazardous materials storage area are located along the west and south end of the building, respectively. Waste is temporarily stored in 55-gallon drums and is disposed of by a waste disposal contractor. Unused chemicals are stored in 1- to 5-gallon glass containers which are kept in labeled steel cabinets. The rest of the building consists of empty space and office area. There is a gasoline powered emergency generator located adjacent to the southeast exterior of the building (Figure 3). The generator is used as a backup power source for a walk-in freezer which is used to store tissue samples.

2.4.2 Hazardous Materials/Chemicals

McLaren/Hart observed hazardous materials and chemicals such as cleaning supplies, solvents, thinners, 12-volt car batteries, and motor oil stored by tenants occupying the Property. With the exception of Federal Sign's hazardous materials storage area, these materials were properly stored on concrete slab floors in one (1) to fifty-five (55) gallon containers and were kept in secured areas where any spillage would have been restricted to the concrete in that particular area. Specific hazardous materials used and stored at the Property are described below.

6575 Trinity Court - Flora Tech Landscaping Services and East Bay Garden Equipment

According to Mr. Dean Schenone, gasoline is stored in the shop area of Flora Tech in 1- to 5-gallon containers that are kept in storage cabinets. Mr. Dean Schenone also indicated Eastbay stores waste oil from their equipment servicing operations in a 55-gallon drum that is temporarily kept on site.

6805 Sierra Court - Federal Sign Inc.

Oil and antifreeze is temporarily kept at Federal Sign in 55-gallon drums located in a secured area east of the building until it is picked up for disposal (Figure 2). Oil staining was observed on the asphalt in and around this area (see Photograph in Appendix B). Four 55-gallon drums and several 12-volt car batteries were observed sitting on the ground in this area.

6560 Trinity Court - Valent Corporation

Valent Corporation's hazardous materials storage area, located along the south end of the building, included various laboratory chemicals. Unused chemicals are stored in 1- to 5-gallon glass containers which are kept in labeled steel cabinets. In addition, gasoline is stored in an approximate 50-gallon tank used to operate the gasoline powered emergency generator located adjacent to the southeast exterior of the building (Figure 3).

2.4.3 Hazardous Waste

6575 Trinity Court - Flora Tech Landscaping and Eastbay Garden Equipment

As described in Section 2.4.2, Mr. Dean Schenone indicated that waste oil from Eastbay equipment servicing operations is collected in a 55-gallon drum on site. Evergreen Disposal Service picks up and disposes of the 55-gallon waste oil drum.

6805 Sierra Court - Federal Sign Inc.

As described in Section 2.4.2, Federal Sign has a designated "hazardous waste" storage area at their facility. According to Mr. Jim Rackel, the operations manager, the 55-gallon drums which contain waste oil and antifreeze are picked up and disposed of by Evergreen Disposal Service.

6560 Trinity Court - Valent Corporation

During the site inspection, McLaren/Hart observed several 55-gallon containers which were labeled as "hazardous waste" at 6560 Trinity Court. According to Valent Laboratory manager Glenn Fujie, three types of waste are generated by Valent: organic solvents; aqueous liquids; and solid lab trash. Approximately five or six 55-gallon drums containing these types of waste are generated in 60 to 80 days. Mr. Fujie indicated that Chem Waste Management is contracted to collect the waste. He also stated that Valent has requested that Chem Waste Management incinerate all hazardous waste generated at their facility as the means of final disposal.

2.4.4 Aboveground Tanks/Underground Tanks

With the exception of the approximate 50-gallon gasoline tank used to operate the emergency generator at Valent, there was no evidence of aboveground or below ground storage tanks (fill pipes, ventpipes) at the Property. The approximate 50-gallon gasoline tank is located aboveground, outside the southeastern corner of Valent (6560 Trinity Court).

2.4.5 Air Emissions and Indoor Air Quality

McLaren/Hart observed an on-site air emission source located at 6805 Sierra Court. As described in Section 2.4.2, a spray paint booth is operated by Federal Sign. The booth is currently permitted with the BAAQMD. McLaren/Hart observed permits dating back to November 1987. According to Mr. Jim Rackel of Federal Sign, they have never had any air quality problems in the building and have never been cited for any violations. Telephone conversations with BAAQMD personnel (discussed in Section 3.2.2) indicate that permit violations have occurred.

2.4.6 Polychlorinated Biphenyls (PCBs)

McLaren/Hart observed several small transformers which were stockpiled east of 6805 Sierra Court in the parking lot. A picture of this area is shown in Appendix A. Mr. Jim Rackel indicated that these transformers did not contain PCBs, and that they have never had any transformers on-site which were known to contain PCBs.

Several large transformers mounted on concrete pads were located throughout the Property (see Figures 2 and 3). There was not any evidence of leakage from any transformers identified at the Property. In addition, according to Pacific Gas and Electric (PG&E) personnel, the transformers do not contain PCBs.

2.4.7 Medical Waste

McLaren/Hart did not observe operations which would result in the generation of medical waste on-site.

2.4.8 Potential and/or Existing Soil and Groundwater Contamination

Oil staining was observed on the asphalt in and around the hazardous materials storage area located east of 6805 Sierra Court (see Photograph in Appendix B). This area, which also contained four 55-gallon drums and several 12-volt car batteries, provided the only visual evidence of potential chemical releases at the property.

2.5 Site Utilities

2.5.1 Potable Water

Potable water is provided to the Property by the Dublin/San Ramon Services District (DSRSD). According to Mr. Wes Tang of DSRSD, water originates from the Sacramento/San Joaquin Delta and is pumped to the Zone 7 Treatment Plant in Livermore for treatment prior to its use at the Property. The treated water meets or exceeds all federal and state water quality criteria.

2.5.2 Wastewater/Storm Water

The current wastewater discharges at the Property consist of sanitary wastewater and storm water. Sanitary wastewater from the Property is discharged to the Dublin/San Ramon Sanitation District Wastewater Treatment Plant. The wastewater is combined with wastewater from Livermore at the Livermore Amador Valley Water Management Agency (LAVWMA). The water is then sent to the East Bay Discharge Authority's (EBDA) Oro Loma Treatment Plant in San Lorenzo, California. Treated effluent is discharged off shore into the San Francisco Bay.

2.5.3 Solid Waste

Refuse generated at the Property consists primarily of office trash such as: cardboard, paper, plastics, and waste food materials. McLaren/Hart observed several solid waste dumpsters located throughout the Property as shown on Figures 2 and 3. The dumpsters are emptied by Livermore Dublin Disposal. The refuse is then taken to the Altamont Class III Landfill located in Livermore, California. According to Mr. Dave Chase with Altamont Landfill, this facility is not on the NPL or CERCLIS list.

2.5.4 Gas and Electricity

Gas and electricity are supplied to Property by Pacific Gas and Electric Company (PG&E).

2.6 Adjacent and Neighboring Properties

Land use in the general area of the property is primarily commercial. The site is located in a business park and is surrounded by buildings of similar appearance and apparent use. Office/warehouse buildings are located north, west and south of the Property. These buildings contain numerous small businesses and offices. There doesn't appear to be any visible industrial operations located in these buildings which may impact the site. Situated east of the site and to the north is an empty lot. South of the empty lot is Cal Valco's and Sprinkler Irrigation Specialist's office building.

3.0 AGENCY RESEARCH

Regulatory agency databases were reviewed and state, county, and city agencies were contacted to evaluate the occurrence of chemical contamination at the site and nearby properties. The results of the regulatory agency database review and regulatory agency contacts and file reviews are presented in the following sections.

3.1 Regulatory Agency Database Review

McLaren/Hart requested Environmental Risk Information & Imaging Services (ERIIS) conduct a search of regulatory agency databases for reported information regarding the subject property and for neighboring sites within a 1/2-mile of the

subject property which have a potential to environmentally impact the site. Detailed results of database search are presented in Appendix B. Consistent with guidelines presented in ASTM E1527, the ERIIS report contains information from the following databases:

- National Priorities List (NPL);
- Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS);
- Resource Conservation and Recovery Information System (RCRIS) Treatment, Storage, and Disposal (TSD) Facilities;
- RCRIS Large Quantity Generators;
- RCRIS Small Quantity Generators;
- Emergency Response Notification System (ERNS);
- State Registered Underground Storage Tanks (Registered USTs);
- State Registered Leaking Underground Storage Tanks (Leaking USTs);
- State Solid Waste Information System; and
- State Cal-Sites Report.

In summary, the subject property was identified on the RCRIS Small Quantity Generators list and the Cal-Sites list. One site within a 1/4 mile radius of the Property was identified on the RCRIS Large Quantity Generators list, eight sites within a 1/4 mile radius of the Property were identified on the RCRIS Small Quantity Generators list, three sites within a 1/4 mile radius of the Property were identified on the Registered UST list, and two sites within a 1/4 mile radius of the Property were identified on the State Cal-Sites list. A detailed discussion of the agency database review is presented below.

3.1.1 National Priorities List (NPL)

The National Priority List (NPL), is the Environmental Protection Agency's data base of uncontrolled or abandoned hazardous waste sites identified for priority remedial actions under the Superfund Program. A site, to be included on the NPL, must either meet or surpass a predetermined hazard ranking system score, or be chosen as a state's top-priority site, or meet the following criteria: (1) the U.S. Department

of Health and Human Services issues a health advisory recommending that people be removed from the site to avoid exposure; (2) EPA determines that the site represents a significant threat; and (3) EPA determines that the remedial action is more cost-effective than the removal action.

A review of this data base indicated that Superfund sites do not currently exist within a one (1) mile radius of the Property. Thus, there is no present indication that NPL sites pose an environmental concern to the Property.

3.1.2 Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS)

The Comprehensive Environmental Response Compensation Liability Information System (CERCLIS) list includes a list of properties/facilities which are suspected or confirmed to have adversely impacted the environment. The list is comprehensive in that it includes all properties for which an allegation has been made regarding environmental abuse.

McLaren/Hart reviewed the USEPA CERCLIS list and found one site located within a one-mile radius of the Property. The facility on this list, Nuclepore Corporation, is located approximately 0.9 miles southwest (downgradient) of the Property. The ERIIS report indicated that no further action is required at this site. Thus, there is no present indication that CERCLIS sites pose an environmental concern to the Property.

3.1.3 RCRIS TSD Facilities and Small and Large Quantity Generators

The EPA's Resource Conservation and Recovery Act (RCRA) Program identifies and tracks hazardous waste from the point of generation to the point of disposal. The RCRA Facilities databases (RCRIS-TSD and RCRIS Small and Large Quantity Generators) are a compilation by the USEPA of reporting facilities that generate, store, transport, treat, or dispose of hazardous waste.

McLaren/Hart's review of the RCRIS databases revealed that there is one RCRA Large Quantity generator and eight RCRA Small Quantity generators within a 1/4 mile radius of the Property. These sites are listed in the following table.

| Site Name | Address | Proximity to Property | USEPA ID# | Generator Status |
|--------------------------|--|------------------------------|--------------|------------------|
| Valent Dublin Lab | 6560 Trinity Court | Located at Property | CAD983614173 | SQG |
| Pacific Cyber Metrix Inc | 6805 Sierra Court (moved from building in April 1993) | Formerly located at Property | CAD981994122 | SQG |

| Site Name | Address | Proximity to Property | USEPA ID# | Generator Status |
|------------------------------|---------------------------|-----------------------------------|--------------|------------------|
| Continuous Extruded Products | 6800A Sierra Court | < 1/8 mile SW (crossgradient) | CAD981994239 | SQG |
| American Xtal Technology | 6780 Sierra Court Suite I | < 1/8 mile SW (downgradient) | CAD983595976 | SQG |
| Titan Beta | 6780 Sierra Court Suite R | < 1/8 mile SW (crossgradient) | CAD983649716 | SQG |
| Custom Photographic Services | 6948 Sierra Court Suite B | < 1/8 mile NW (crossgradient) | CAD983659210 | SQG |
| Orthomatrix | 6968 Sierra Court | < 1/8 mile NW (crossgradient) | CAD981375686 | SQG |
| Precision Tune | 6000 Dougherty Road | 1/8 - 1/4 mile SE (crossgradient) | CAD982485203 | SQG |
| Pacific Bell | 6500 Sierra Court | 1/8 - 1/4 mile SW (crossgradient) | CAT080020761 | LQG |

Note: A small quantity generator (SQG) generates less than 1,000 kilograms of hazardous waste per month. A large quantity generator (LQG) generates more than 1,000 kilograms of hazardous waste per month.

The SQG sites currently and/or formerly located on the Property (Valent Corporation and Pacific Cyber Metrix, respectively), have the potential to have impacted soil and groundwater. The operations at Valent Corp. were discussed in Section 2.4.

Pacific Cyber Metrix Inc. (Pacific) previously occupied the building at 6805 Sierra Court. Ms. Kathy Bates of Pacific was contacted to obtain information regarding their previous operations at the Property. According to Ms. Bates, Pacific occupied the building for approximately six years, manufacturing and assembling electronic circuit boards. Small quantities of tetrachloroethylene had been used at the site for a short time before the company switched to a non-chlorinated solvent. Ms. Bates did not provide any additional information.

3.1.4 Emergency Response Notification System (ERNS)

The Emergency Response Notification System (ERNS) is a national database used to collect information or report releases of oil and hazardous substances. The database contains information from spill reports made to the federal authorities including the USEPA, the US Coast Guard, and the Department of Transportation.

A review of the ERNS data base indicated that no ERNS listings have occurred with a one-quarter mile radius of the Property. Thus, there is no present indication that ERNS sites pose an environmental concern to the Property.

3.1.5 Registered USTs

A search of the California list of Active Registered Underground Storage Tanks (USTs) indicated that there are three facilities with registered USTs located within 1/4-mile radius of the Property. Information regarding the UST is presented below.

| Site Name | Address | Proximity to Property |
|--------------------|---------------------|-------------------------------------|
| Dublin Gas Station | 6955 Sierra Court | < 1/8 mile NW (crossgradient) |
| Borchers Brothers | 5965 Dougherty Road | 1/8 -1/4 mile SE (crossgradient) |
| Rynek Tire & Brake | 6028 Dougherty Road | 1/8 -1/4 mile SE (crossgradient) |

Based upon available information, none of the sites listed above are located hydraulically upgradient of the Property, and there have been no documented releases from these facilities. Thus, there is no present indication that Registered UST sites pose an environmental concern to the Property.

3.1.6 Leaking USTs

Leaking Underground Storage Tank (LUST) records contain an inventory of reported leaking underground storage tank incidents. A review of the LUST report for the area revealed that there are no LUST sites located within a 1/4-mile radius of the Property. Thus, there is no present indication that LUST sites pose an environmental concern to the Property.

3.1.7 Cal-Sites

The Cal-Sites list consists of sites identified in DTSC's Annual Active Workplan Sites (AAWP) and list of potential and known hazardous waste sites under the Abandoned Site Program Information System (ASPIS). The AAWP list contains a listing of all verified waste sites that are or will be targeted for abatement by the California Environmental Protection Agency (Cal-EPA) under the Hazardous Substance Cleanup Bond Act of 1984 and the Hazardous Substance Account (HSA). These records are similar to the National Priorities List. Priority sites planned for cleanup using state funds are identified along with sites where cleanup will be paid for by

potentially responsible parties. The ASPIS list is comprised of information gathered from interviews with representatives from county health agencies, local fire departments, county agricultural commissioners, and other local agencies that could reasonably be expected to have information regarding potential waste sites.

A review of the AAWP and ASPIS indicated that two state hazardous waste sites are located within a 1/4 mile of the Property. Information regarding these sites is presented below.

| Site Name | Address | Proximity to Property |
|------------------------|--------------------|------------------------------------|
| Accura-Med Corporation | 6575 Trinity Court | Formerly located on Property |
| Ekowerks | 6488 Sierra Court | 1/8 -1/4 mile SW (downgradient) |

According to ERIIS records, both sites were listed as requiring no further action for DTSC. However, because the Accura-Med facility formerly occupied the Property, this file was reviewed at the Alameda County Department of Environmental Health (ACDHS) to obtain additional information. The only file at the ACDHS for 6575 Trinity Court concerned a business called TVA Electronics.

The file for TVA Electronics included a complaint for discharging sulfuric acid into the storm drain at the site. There was also a permit on file for the facility to use freon as a degreaser. The operations at this site have the potential to have impacted soil and groundwater at the Property.

3.1.8 Solid Waste Information System (SWIS)

The SWIS database contains information regarding active, closed, and inactive landfills. SWIS 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 2004 criteria for solid waste landfills or disposal sites. A review of the SWIS list revealed that there are no landfills located within a one mile radius of the Property.

3.2 Agency Contact and File Review

Personnel at relevant agencies were contacted regarding issues of potential environmental concern at the Property. The Alameda County Department of Environmental Health, the Bay Area Air Quality Management District, and California Department of Conservation - Division of Oil and Gas were contacted to evaluate whether hazardous materials have been used at the Property and to evaluate whether oil and gas wells are located in the vicinity of the Property. The results of the agency contacts are summarized below.

3.2.1 Alameda County Department of Environmental Health (ACDEH)

A letter was sent to the ACDEH on December 14, 1993, requesting an appointment to view files for addresses associated with the Property (6560 and 6575 Trinity Court, and 6805 and 6905 Sierra Court). The only file on record at the ACDEH for the Property concerned 6575 Trinity Court.

According to ACDHS files, TVA Electronics formerly occupied a portion of the building at 6575 Trinity Court. The file for TVA Electronics included a complaint for discharging sulfuric acid into the storm drain at the site. There was also a permit on file for the facility to use freon as a degreaser. Former operations at this site have the potential to have impacted soil and groundwater at the Property.

3.2.2 Bay Area Air Quality Management District (BAAQMD)

The BAAQMD was contacted on January 11, 1994 to obtain information regarding the sprat paint booth at Federal Sign located at 6805 Sierra Court. According to Ms. Rachel Walker of BAAQMD, there are two permit violations for this site dated 1988 and 1992. Both violations regard "non-complying coating" operations at the facility. Copies of the permit violations can be obtained by writing Mr. Milton Feldstein at BAAQMD.

3.2.3 State of California Division of Oil and Gas

Mr. Kevin Lundy of the State of California Division of Oil and Gas was contacted for information regarding oil and gas wells in the vicinity of the Property (wells located within USGS Townships 2 South and 3 South, Ranges 1 West and 1 East, unsectioned). According to Mr. Lundy, there are no oil or gas wells near this area. Mr. Lundy stated the closest wells are located in Livermore, California, approximately 9 miles east of the property.

4.0 PHASE II SAMPLING RESULTS

Based upon the results of the Phase I site inspection and regulatory agency file information for the Property, limited Phase II investigations were conducted by McLaren/Hart on January 13 and January 26, 1994. At the request of KREMCO, soil and groundwater samples were collected to provide an update of the groundwater quality at 6560 Trinity Court and to evaluate environmental impacts associated with surface soil staining at the HMSA at 6805 Sierra Court. The Phase II investigations were conducted in accordance with the *Proposals to Conduct Soil and Groundwater Sampling at the Trinity Court Properties, Dublin, California*, dated January 12, 1994 and January 24, 1994. A discussion of the sampling activities and results of the Phase II investigations are provided below following a brief summary of previous investigations conducted at the Property.

4.1 Previous Investigations

An investigation was conducted at the site in 1991 to evaluate potential contamination of the building at 6560 Trinity Court with radioactive contaminants and the possible transport of radioactive contaminants to the soil and groundwater. Wipe samples from two areas inside the building had levels of radioactive contaminants above the State of California release limit, and these areas were decontaminated. The ground surface outside the building in parking lot and planter areas was tested, but no radiation was detected above background levels.

Three monitoring wells were constructed at the site and soil and water samples were collected and analyzed for alpha and beta radiation, volatile and semi-volatile organic substances, TPH, and 13 priority pollutant metals. All soil and water samples analyzed for volatile and semi-volatile organic compounds, and oil and grease were "non-detect". The soil and water samples contained low concentrations of metals that were below the State of California Hazardous Waste Criteria (TTLC). Gross alpha and beta radiation were detected in groundwater at concentrations greater than State of California drinking water standards.

4.2 McLaren/Hart Sampling Activities

Based upon the previous detection of gross alpha and beta radiation in groundwater and the on-going usage and storage of hazardous materials at the Property, McLaren/Hart resampled the wells at 6560 Trinity Court. In addition, soil and groundwater samples were collected to evaluate potential environmental impacts associated with surface oil staining located in the vicinity of the hazardous materials storage area (HMSA) at the 6805 Sierra Court. Sampling activities associated with each of these areas of investigation are described separately below.

6560 Trinity Court

Groundwater samples were collected on January 13, 1994 from monitoring wells MW-1, MW-2, and MW-3 located at 6560 Trinity Court. Water levels were collected from each well prior to sampling. The depth to water in MW-1 through MW-3 was 11.28, 11.35, and 11.28 feet, respectively. A groundwater elevation contour map was developed based on the water level data and top of casing elevation data presented in the Mittlehaeuser report. Water level contours are presented in Figure 2. Consistent with the July 1991 data, the January 1994 groundwater flow direction is west.

The wells were purged using a centrifugal pump and sampled with a disposable bailer. Approximately three to five casing volumes of water was removed from each well prior to sampling. Water generated during the sampling was stored in 55-gallon drums. Samples collected from each well were analyzed for VOCs (EPA 8240), SVOS (EPA 8270), total petroleum hydrocarbons [TPH (EPA 418.1)], priority pollutant metals (EPA 3050/6010), gross alpha and beta (EPA 900.00), and uranium (EPA 908.00).

6805 Sierra Court

One hand auger boring (SB-1) was drilled on January 13, 1994 in the landscaped area adjacent to the HMSA behind Federal Sign, Inc. (6805 Sierra Court). SB-1 was drilled to evaluate potential soil contamination associated with staining in the area. The boring was drilled using a 3.5-inch stainless steel auger. Soil samples were collected at depths of 1 and 5 feet below ground surface (BGS) using a 2-inch diameter split spoon sampler. The samples were analyzed for TPH (EPA 418.1), VOCs (EPA 8240), and metals.

Based upon the analytical results of the soil samples collected from SB-1, four additional soil borings (SB-2 through SB-5) were completed on January 26, 1994 around the HMSA to further evaluate the vertical and lateral extent of TPH contamination in this area. SB-2 through SB-5 were drilled with 6-inch diameter hollow-stem augers using a B-34 drill rig operated by Turner Exploration, Inc. The soil borings were advanced to depths of 11.5 to 13 feet BGS (approximately 1 foot below the water table). Two soil samples were collected from each soil boring. The samples were collected at depths of 5 feet BGS and just above the water table (approximately 11 to 12.5 feet BGS).

Soil samples were collected using a California modified split-spoon sampler (CMSS) lined with three 2-inch diameter, 6-inch long brass tubes. Samples were collected by advancing the sampler 18 inches into undisturbed soil below the borehole with a 140 pound slide hammer. Upon retrieving the sampler, one brass tube from each sampling interval was capped and submitted for analysis. The other two tubes were used for headspace screening and lithologic description. The soil samples were analyzed for TPH using EPA Method 418.1.

Groundwater samples were collected from SB-2 through SB-5 using a disposable polyethylene bailer. Prior to sampling, the augers were advanced 0.5 to 1.5 feet into the water bearing zone, thus creating a column of water 0.5 to 1.5 feet deep within the auger. Water samples were retrieved using a disposable bailer and transferred into appropriate sample containers. The groundwater samples were analyzed for TPH using EPA Method 418.1.

The lithology at the site consisted of stiff clay from 2 feet BGS to the saturated zone, which was encountered at 11.5 to 13 feet BGS. A gravelly 2-foot thick fill layer was encountered immediately below the asphalt surface in all four boring locations. The saturated zone consisted of fine to medium grained silty sand.

All drill cuttings generated from the four soil borings were placed in four 55-gallon D.O.T. approved drums. The drums were appropriately labeled and stored adjacent to the landscaped area located immediately north of the HMSA.

4.3 McLaren/Hart Sampling Results

The sampling results for 6560 Trinity Court and 6805 Sierra Court are described separately below. Chain of Custody forms, analytical data sheets, and QA/QC reports for the sampling conducted at 6560 Trinity Court and 6805 Sierra Court are included in Appendices C and D, respectively.

6560 Trinity Court

All VOCs SVO, and TPH results for the groundwater samples collected from the three monitoring wells located at 6560 Trinity Court were below laboratory detection limits. With the exception of mercury, detected in MW-1 at a concentration of 0.3 µg/L, metals were not detected in MW-1 through MW-3 groundwater samples. The mercury detected in MW-1 does not appear to be a concern since it was detected at a concentration less than the State of California Maximum Contaminant Level (MCL) of 2 µg/L.

Radioactivity results of the January 1994 sampling and radioactivity results from the July and August 1991 groundwater sampling are summarized in the table below.

| Well Number | Date Sampled | Gross Alpha (pCi/L) | Gross Beta (pCi/L) | Total Uranium (pCi/L) | Uranium-234 (pCi/L) | Uranium-235 (pCi/L) | Uranium-238 (pCi/L) |
|-------------|--------------|---------------------|--------------------|-----------------------|---------------------|---------------------|---------------------|
| MW-1 | 7-23-91 | 14 +/- 6 | 15 +/- 6 | NA | NA | NA | NA |
| MW-2 | 7-23-91 | 6 +/- 4 | 14 +/- 6 | NA | NA | NA | NA |
| MW-3 | 7-23-91 | 22 +/- 8 | 21 +/- 8 | NA | NA | NA | NA |
| MW-1 | 8-1-91 | 10 +/- 2 | NA | 14 +/- 1 | NA | NA | NA |
| MW-2 | 8-1-91 | 4 +/- 2 | NA | 5 +/- 1 | NA | NA | NA |
| MW-3 | 8-1-91 | 19 +/- 4 | NA | 26 +/- 2 | NA | NA | NA |
| MW-1 | 1-13-94 | 23 +/- 9 | 26 +/- 6 | NA | 9.10 +/- 0.40 | 0.36 +/- 0.10 | 10 +/- 1.0 |
| MW-2 | 1-13-94 | 6 +/- 5 | 6 +/- 4 | NA | 2.46 +/- 0.12 | 0.10 +/- 0.04 | 2.94 +/- 0.11 |
| MW-3 | 1-13-94 | 18 +/- 11 | 12 +/- 7 | NA | 13.8 +/- 3.2 | 0.55 +/- 0.09 | 9.31 +/- 2.59 |
| State MCL | - | 15 | 50 | 20 | 20 | 20 | 20 |

State MCL
NA

State of California Drinking Water Standard (Maximum Contaminant Level)
Not analyzed

The measurements of radioactivity in soil and water samples from the site at 6560 Trinity Court indicate that the site is not contaminated with radioactive materials from past operations of Plant Cell Research, Inc. Records indicate that PCRI used radioactive tracers such as carbon-14 and sulphur-35 in their work. These radionuclides are both pure beta emitters and do not emit alpha particles. It is unlikely that any alpha-emitting radionuclides were used in research at the site.

Alpha-emitting radionuclides are rarely used for tracer work because their extremely short ranges of radioactivity are not conducive to effective detection in biological systems. The higher than average alpha and uranium radioactivity levels found in some samples from the Property appear to be attributable to naturally occurring uranium. Gross beta radioactivity measurements of soil and water sampled at the site indicate that levels of beta-emitting radionuclides in these media are not elevated. All beta analysis results were well below California maximum contaminant levels, and are within the range of fluctuation of natural background radioactivity.

6805 Sierra Court

During the first phase of soil sampling conducted at the HMSA at 6805 Sierra Court, TPH was detected in SB-1 (1 foot) and SB-1 (5 feet) at 58 and 220 mg/kg, respectively. Several different metals were detected in the soil samples, although all metal results were less than State of California Title 22 hazardous waste criteria (TTLC). VOCs were not detected in either soil sample.

During the second round of soil sampling, eight soil samples and four groundwater samples were collected for TPH analysis from SB-2 through SB-5 which are positioned around SB-1. TPH was not detected in SB-2 through SB-5 soil samples or in the grab groundwater sample collected from SB-5. TPH was detected below laboratory reporting limits in grab groundwater samples collected from SB-2 through SB-4 at concentrations ranging from 0.30 to 0.79 mg/L. However, TPH was also detected in the laboratory method blank at 0.24 mg/L. Since the sample concentration was less than ten times the method blank concentration, the sample concentration was not reported by the laboratory (per EA guidance). As indicated above, TPH was not detected in SB-2 through SB-4 soil samples. Based on these results, the TPH detected in SB-2 through SB-4 grab groundwater samples is most likely due to laboratory contamination and not representative of groundwater conditions beneath the site.

Based on the soil and groundwater sampling results presented above, it appears that localized soil TPH contamination exists in the vicinity of SB-1. However, TPH does not appear to have migrated horizontally or vertically in the soil and groundwater in the vicinity of the HMSA does not appear to be impacted by TPH detected in soil.

5.0 CONCLUSIONS

Based on the information obtained during the Phase I EA and the limited Phase II investigations, McLaren/Hart has developed the following summary of existing and potential environmental issues at the Property. The conclusions are based on the conditions present during the on-site inspection, information provided through interviews and documents reviewed, and data collected during limited soil and groundwater sampling conducted at the site. The following environmental issues were identified by McLaren/Hart and recommendations are made based on the information made available regarding the Property.

- 1) 6575 Trinity Court - The building at 6575 Trinity Court was formerly occupied by Accura-Med Corporation and TVA Electronics. A file at the Alameda County Department of Environmental Health indicated that dumping of sulfuric acid into the storm drain at the site had occurred in June of 1990. The quantity that was released was not revealed on the complaint form in the County's file, and there was no indication that any follow-up work was completed or required. Based upon available information (including the absence of any required follow-up work), the release of sulfuric acid does not appear to be a significant environmental concern. A permit to use freon as a degreaser at the site was also in the County's file, however, no documented releases of freon were identified in the file. Flora Tech Landscaping and East Bay Garden Equipment, which currently occupy this building, store small quantities of hazardous materials. The chemicals appear to be stored properly and are not a significant environmental concern.

6805 Sierra Court - Current tenants in this building include Federal Sign Inc. which operates a hazardous materials storage area (HMSA). Federal Sign Inc. has occupied the building since approximately 1987. Oil staining was observed on the asphalt in and around the HMSA and in a small landscaped area located immediately northeast of the HMSA. One soil boring (SB-1) was drilled in the landscaped area adjacent to the HMSA area to provide a preliminary indication of soil conditions immediately beneath the stain. Soil samples collected from depths of 1 and 5 feet BGS in SB-1 were analyzed for TPH (EPA 418.1), VOCs (EPA 8240), and metals. TPH was detected in SB-1 (1 foot) and SB-1 (5 feet) at 58 and 220 mg/kg, respectively. Several different metals were detected in the soil samples, although all metal results were less than State of California Title 22 hazardous waste criteria (TTLC). VOCs were not detected in either soil sample.

Based on the initial Phase II results, additional soil samples were collected to evaluate the extent of TPH contamination in soil. In addition, groundwater samples were collected to evaluate potential impacts to groundwater resulting from TPH contamination in soil. Further investigation of the soil and groundwater conditions in this area indicates that the TPH contamination at SB-1 appears to be localized to the soil in that immediate area.

6560 Trinity Court - The building at 6560 Trinity Court was previously occupied by Plant Cell Research Inc. (PCRI) which used radioactive tracers including carbon-14 and sulfur-35 in their research. The current tenant in this building is Valent Corporation, and small quantities of hazardous materials and waste are stored on the premises.

An investigation was conducted at the site in 1991 to evaluate potential contamination of the building with radioactive contaminants and the possible transport of radioactive contaminants to the soil and groundwater. Wipe samples from two areas inside the building had levels of radioactive

contaminants above the State of California release limit, and these areas were decontaminated. The ground surface outside the building in parking lot and planter areas was tested, but no radiation was detected above background levels.

Soil and water samples were also analyzed for alpha and beta radiation, volatile and semi-volatile organic substances, oil and grease, and 13 priority pollutant metals. All soil and water samples analyzed for volatile and semi-volatile organic compounds, and oil and grease were "non-detect". The soil and water samples contained low concentrations of metals that were below the State of California Hazardous Waste Criteria (TTLC). Gross alpha and beta radiation were detected in groundwater at concentrations greater than State of California drinking water standards.

Based upon the previous detection of gross alpha and beta radiation in groundwater and the on-going usage and storage of hazardous materials at the Property, McLaren/Hart resampled the wells on the site. Groundwater samples were collected from the three existing monitoring wells (MW-1, MW-2, and MW-3) on January 13, 1994. The groundwater samples were analyzed for VOCs (EPA 8240), SVOs (EPA 8270), total petroleum hydrocarbons [TPH (EPA 418.1)], priority pollutant metals (EPA 3050/6010), gross alpha and beta (EPA 900.00), and uranium (EPA 908.00) radioactivity.

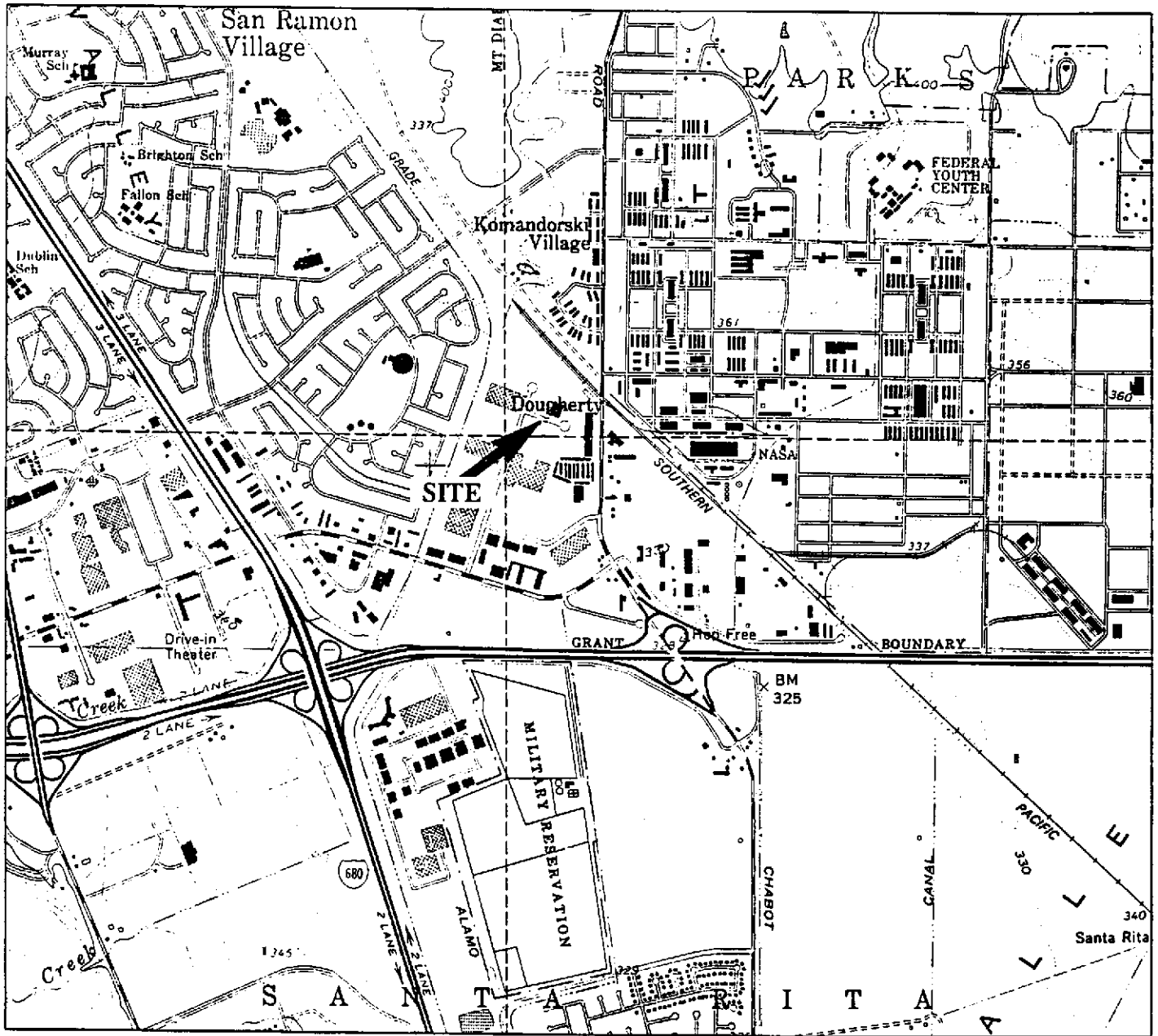
All VOCs SVO, and TPH results were below laboratory detection limits. With the exception of mercury, detected in MW-1 at a concentration 0.3 $\mu\text{g/L}$, metals were not detected in MW-1 through MW-3 groundwater samples. Mercury detected in MW-1 at 0.3 $\mu\text{g/L}$ does not appear to be a concern since it was detected at a concentration less than the State of California Maximum Contaminant Level (MCL) of 2 $\mu\text{g/L}$. The results of the 1991 and 1994 radioactivity analyses conducted on groundwater samples do not indicate that the site has been contaminated with radioactive materials from past operations of Plant Cell Research, Inc. The higher than average alpha radioactivity levels found in some samples from the Property appear to be attributable to naturally occurring uranium.

- 2) Prior to development of the Property, the entire area was used for agricultural purposes. Based upon the previous farming activities that took place at the Property, there is potential for residual pesticides and herbicides to exist in the soil.
- 3) Based upon review of regulatory databases, a small quantity hazardous waste generator (Valent - 6560 Trinity Court) occupies the Property, a former small quantity generator (Pacific Cyber Metrix - 6805 Sierra Court) previously occupied the Property, and a former Cal-Site (TVA Electronic - 6575 Trinity Court) previously occupied the facility. Each of these facilities is discussed above in Item 1.

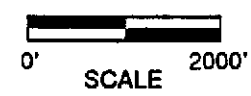
Review of regulatory agency databases also indicated there are several sites within a 1/8 mile radius of the Property that generate small quantities of hazardous waste. Based upon available information, these sites are all located hydraulically downgradient or crossgradient from the Property and do not appear to pose an environmental threat to the Property. A gasoline station is located at 6955 Sierra Court less than 1/8 of mile southwest of the site. This gasoline station does not appear on the leaking underground fuel tank (LUFT) list, and is also located crossgradient from the Property.

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FIGURE 1
SITE LOCATION MAP
TRINITY COURT PROPERTIES
6805 AND 6905 SIERRA COURT AND
6560 AND 6575 TRINITY COURT
DUBLIN, CALIFORNIA

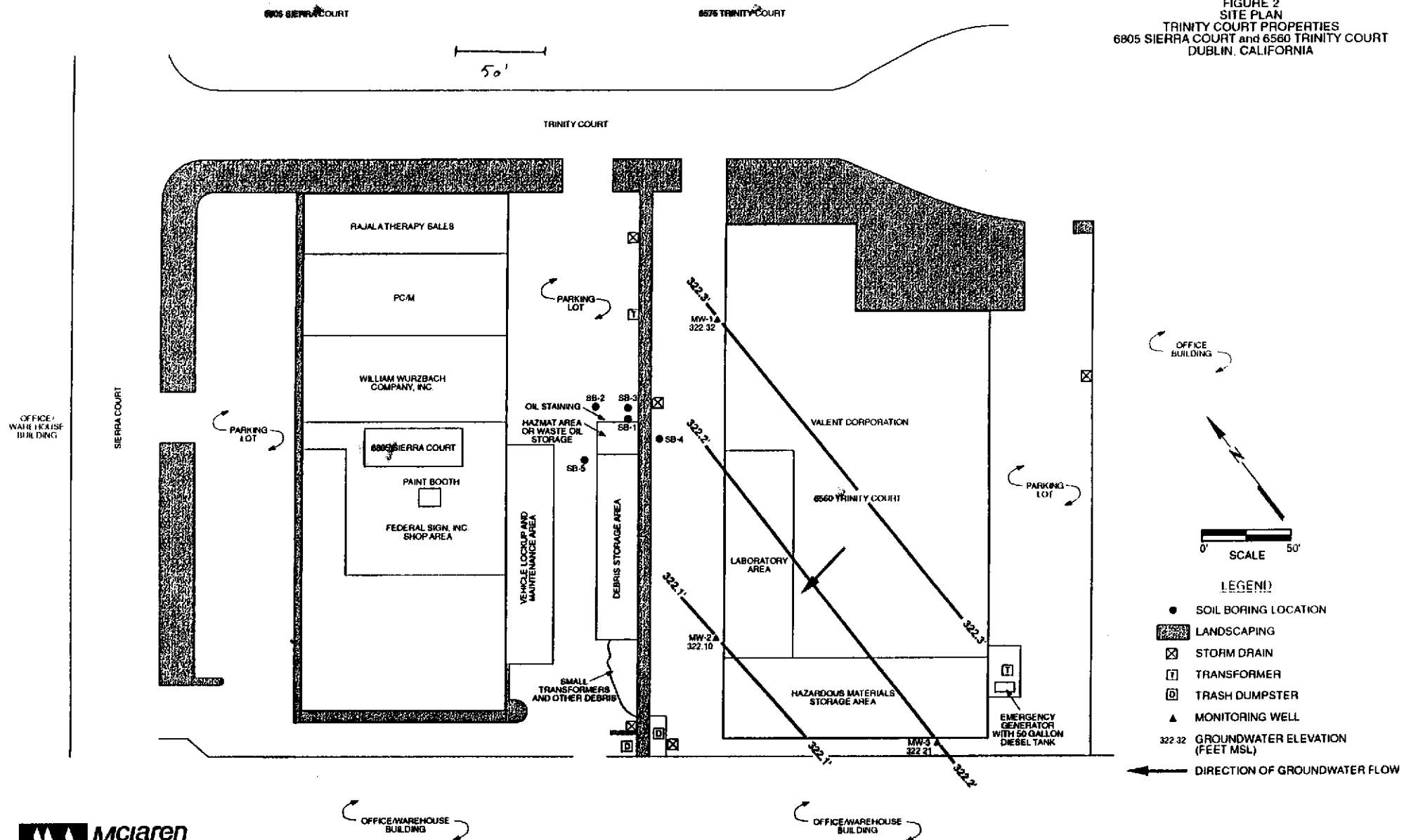


SOURCE: DUBLIN, CALIFORNIA, USGS 7.5 MINUTE SERIES (TOPOGRAPHIC), 1961 (PHOTOREVISED 1980).



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FIGURE 2
SITE PLAN
TRINITY COURT PROPERTIES
6805 SIERRA COURT and 6560 TRINITY COURT
DUBLIN, CALIFORNIA



0' SCALE 50'

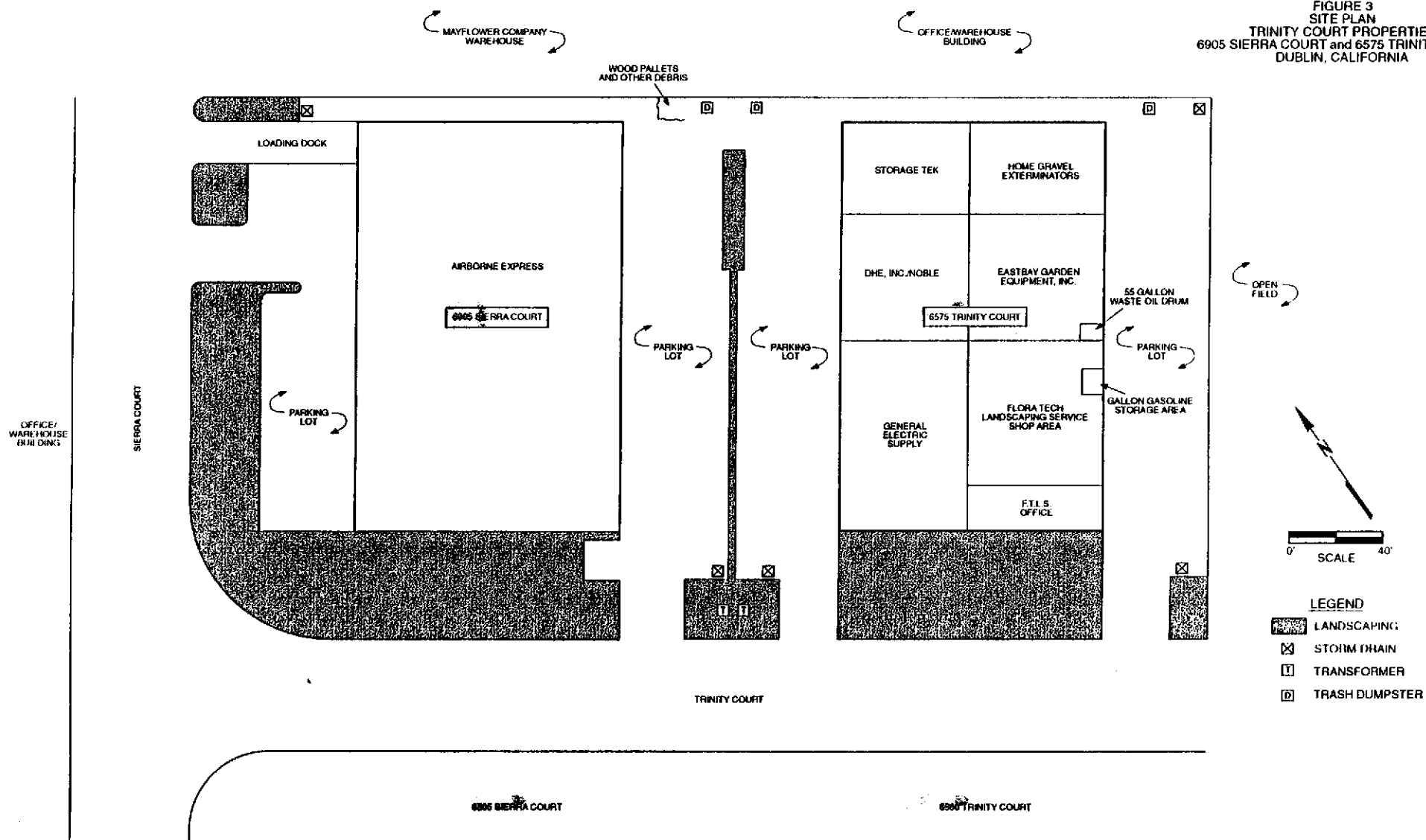
LEGEND

- SOIL BORING LOCATION
- ▨ LANDSCAPING
- ⊗ STORM DRAIN
- ⊠ TRANSFORMER
- ⊞ TRASH DUMPSTER
- ▲ MONITORING WELL
- 322.32 GROUNDWATER ELEVATION (FEET MSL)

← DIRECTION OF GROUNDWATER FLOW

DRAFT

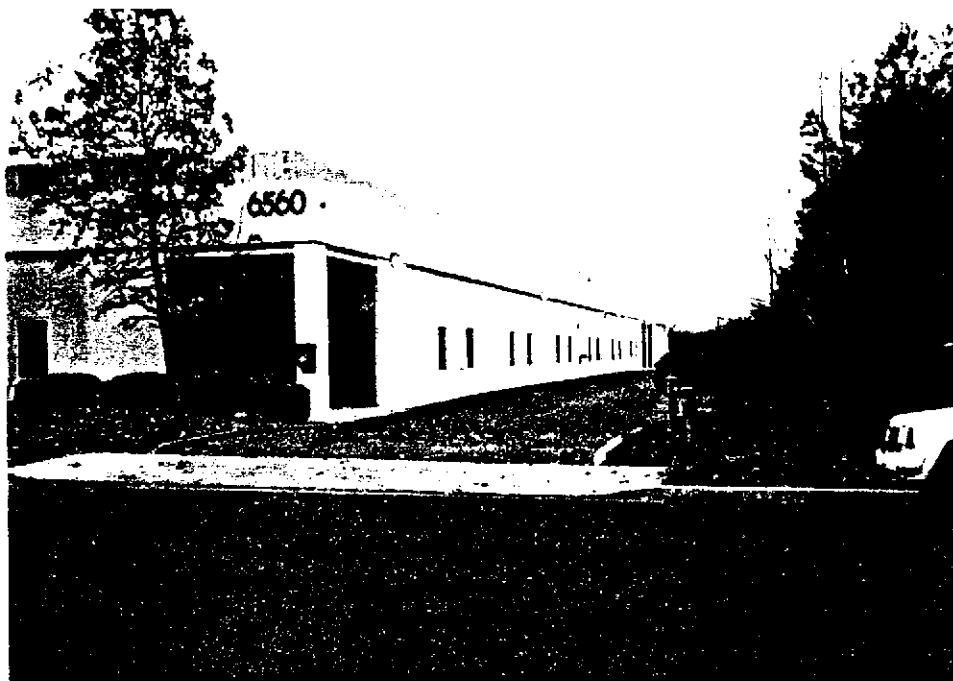
FIGURE 3
SITE PLAN
TRINITY COURT PROPERTIES
6905 SIERRA COURT and 6575 TRINITY COURT
DUBLIN, CALIFORNIA



APPENDIX A
SITE PHOTOGRAPHS

PHOTOGRAPHIC RECORD

Northwest corner of building at 6560 Trinity Court.



Southwest corner of building at 6905 Sierra Court.



PHOTOGRAPHIC RECORD

Southwest corner of building at 6575 Trinity Court.



Transformers and other debris located south of debris storage area behind Federal Sign (6805 Sierra Court).



PHOTOGRAPHIC RECORD

Monitoring well located adjacent to southwest end of 6560 Trinity Court.



Vehicle lockup and maintenance area behind Federal Sign (6805 Sierra Court).

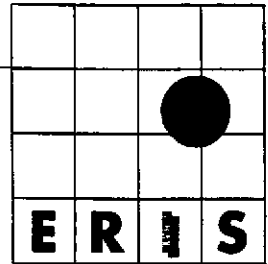


PHOTOGRAPHIC RECORD

Staining on ground adjacent to waste storage area behind Federal Sign (6805 Sierra Court).



APPENDIX B
ENVIRONMENTAL RISK INFORMATION & IMAGING SERVICES
(ERIIS) REPORT



SANBORN FIRE INSURANCE MAP SEARCH

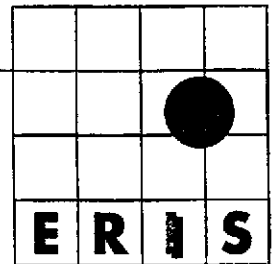
PERTAINING TO:

6575/6560 TRINITY CT./6905/6805 SIERRA CT.
DUBLIN, CA

REPORT NUMBER:

35978

No Sanborn Maps were found for this site in the ERIIS Collection,
for the period covering the years 1867-1990



PERTAINING TO:

6575/6560 TRINITY CT./6905/6805 SIERRA CT.
DUBLIN, CA

ON BEHALF OF:

MCLAREN/HART-RANCHO CORDOVA
11101 WHITE ROCK RD.
RANCHO CORDOVA, CA 95670

PREPARED ON:

12/15/1993

REPORT NUMBER:

35978

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ERIIS REPORT OVERVIEW

The following features are available for an ERIIS report:

- * Database Report
 - * Statistical Profile
 - * Database Records
- * Related Maps
 - * Digital Custom Plotted Map
 - * Sanborn Fire Insurance Map(s)
 - * Topographical Map(s)

Statistical Profile

The statistical profile is an at-a-glance numeric summary of the databases searched for your ERIIS Report.

Database Records

The detailed federal and state database information indicates potential and actual environmental threats within the study radius. These records are sorted by their distance from the study site.

Digital Custom Map

The digital custom map is cross referenced with the database records. The cross-in-circle in the center of the map represents the study site. The red circles represent distances from the study site. The plottable sites in the report are distinguished on the map by symbols of different shape and color.

Sanborn Fire Insurance Maps

The ERIIS collection of historical Sanborn Fire Insurance Maps covers 14,000 cities and towns. These maps may indicate prior use of the study site. If no maps are available for the study site, a notice to that effect is included. This notice should serve as evidence of due diligence.

Topographical Map

USGS topographical maps show natural and man-made features as well as the shape and elevation of the terrain. The 7.5 minute quad maps are produced at a scale of 1:24,000, or one inch represents 2,000 feet.

If you have any questions about this report,
please contact ERIIS Customer Service at 1-800-989-0402

ERIIS ASTM REPORT STATISTICAL PROFILE

ERIIS Report #35978

Dec 16, 199

Site:

6575/6560 TRINITY CT./6905/6805 SIERRA CT.
DUBLIN, CA

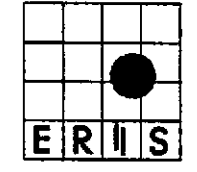
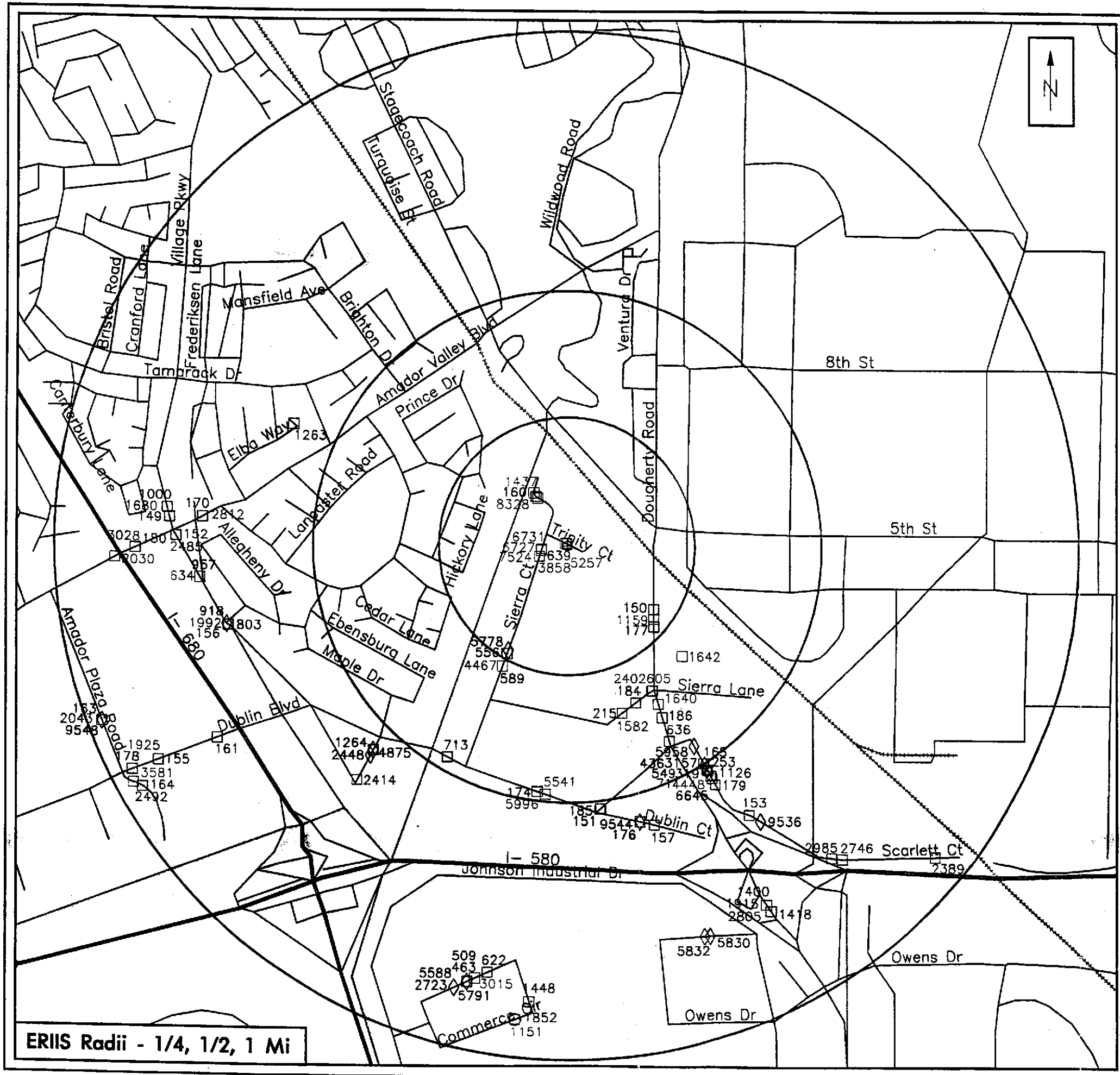
Latitude: 37.711015
Longitude: -121.912536

| <u>Database</u> | <u>Radius (Mi)</u> | <u>Property</u> | <u>Property-1/4</u> | <u>1/4-1/2</u> | <u>1/2-1</u> | <u>>1</u> | <u>TOTAL</u> |
|-----------------|--------------------|-----------------|---------------------|----------------|--------------|--------------|--------------|
| NPL | 1.000 | NO | 0 | 0 | 0 | | 0 |
| CERCLIS | 1.000 | NO | 0 | 0 | 1 | | 1 |
| RCRIS_TS | 1.000 | NO | 0 | 0 | 0 | | 0 |
| RCRIS_LG | 1.000 | NO | 1 | 1 | 14 | | 16 |
| RCRIS_SG | 1.000 | YES | 8 | 6 | 5 | | 19 |
| ERNS | 1.000 | NO | 0 | 0 | 1 | | 1 |
| UST | 1.000 | NO | 3 | 3 | 20 | | 26 |
| LUST | 1.000 | NO | 0 | 2 | 15 | | 17 |
| SWIS | 1.000 | NO | 0 | 0 | 0 | | 0 |
| CALSITES | 1.000 | YES | 2 | 4 | 13 | | 19 |
| | | | <u>14</u> | <u>16</u> | <u>69</u> | <u>0</u> | <u>99</u> |

Selection of PROPERTY records requires an accurate street address in the ERIIS job order.

A blank radius count indicates that the database was not searched by this radius per client instructions.

NR in a radius count indicates that the database cannot be reported by this search criteria due to insufficient and/or inaccurate addresses reported by a federal/state agency.



1421 Prince Street, Ste 330
 Alexandria, VA 22314
 (703)836-0402 (800)989-0402
 FAX: (703)836-0468

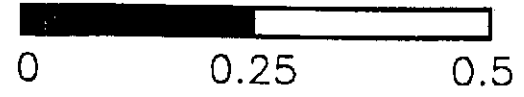
SITE INFORMATION

6575/6560 Trinity Ct./6905/
 6805 Sierra Ct., Dublin, CA
 Alameda County
 Job Number: 35978
 Map Plotted: Dec 15, 1993

MAP LEGEND

- Hydrography
- Railroads
- Roads
- Highways
- CALSITES 19 Site(s)
- CERCLIS 1 Site(s)
- LUST 17 Site(s)
- ☆ NPL 0 Site(s)
- ◇ RCRIS_LG 16 Site(s)
- RCRIS_SG 19 Site(s)
- ⊕ RCRIS_TS 0 Site(s)
- ☆ SWIS 0 Site(s)
- UST 26 Site(s)

Miles



ERIS Radii - 1/4, 1/2, 1 Mi

The information on this map is subject
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 Copyright 1993, ERIS

ERIIS DATABASE DESCRIPTIONS

| | | | |
|-----------------------|---|--------------|------------|
| Database: | CERCLIS | Date: | 10/19/1993 |
| Source Agency: | US Environmental Protection Agency Office Of Solid Waste And Emergency Response | | |
| Phone: | 202/260-2131 | | |
| Description: | Comprehensive Environmental Response, Compensation, And Liability Information System. The CERCLIS List Is A Compilation Of Known Or Suspected Uncontrolled Or Abandoned Hazardous Waste Sites. These Sites Have Either Been Investigated, Or Are Currently Under Investigation By The EPA For The Release, Or Threatened Release Of Hazardous Substances. Once A Site Is Placed In CERCLIS, It May Be Subjected To Several Levels Of Review And Evaluation And Ultimately Placed On The National Priorities List. | | |
| | | | |
| Database: | DOCKET | Date: | 07/20/1993 |
| Source Agency: | US Environmental Protection Agency Office Of Enforcement | | |
| Phone: | 202/260-2614 | | |
| Description: | The Civil Enforcement Docket Is The U.S. Environmental Protection Agency's System For Tracking Civil Judicial Cases Filed On The Agency's Behalf By The Department Of Justice. This Report Contains Information On Cases From 1972 To The Present. | | |
| | | | |
| Database: | ERNS | Date: | 12/30/1992 |
| Source Agency: | US Environmental Protection Agency Office Of Solid Waste And Emergency Response | | |
| Phone: | 202/260-7731 | | |
| Description: | Emergency Response Notification System. ERNS Is A National Computer Database System That Is Used To Store Information On The Sudden And/Or Accidental Release Of Hazardous Substances, Including Petroleum, Into The Environment. The ERNS Reporting System Contains Preliminary Information On Specific Releases, Including The Spill Location, The Substance Released, And The Responsible Party. Please Note That The Information In The ERNS Report Pertains Only To Those Releases That Occurred During 1992. | | |
| | | | |
| Database: | FINDS | Date: | 06/15/1993 |
| Source Agency: | US Environmental Protection Agency Office Of Information Resources Management | | |
| Phone: | 703/557-2985 | | |
| Description: | Facility Index System. The Finds Report Is A Computerized Inventory Of All Facilities That Are Regulated Or Tracked By The U.S. Environmental Protection Agency. These Facilities Are Assigned An Identification Number Which Serves As A Cross-Reference For Other Databases In The EPA's Program System. Each Finds Record Indicates The EPA Program Office That Is Responsible For The Tracking Of The Facility. | | |
| | | | |
| Database: | NPL | Date: | 10/19/1993 |
| Source Agency: | US Environmental Protection Agency Office Of Solid Waste And Emergency Response | | |
| Phone: | 202/260-3046 | | |
| Description: | National Priorities List. The NPL Report, Also Known As The Superfund List, Is An EPA Listing Of Uncontrolled Or Abandoned Hazardous Waste Sites. The List Is Primarily Based On A Score That A Site Receives From The EPA's Hazardous Ranking System. These Sites Are Targeted For Possible Long-Term Remedial Action Under The Superfund Act. | | |
| | | | |
| Database: | NUCLEAR | Date: | 01/01/1993 |
| Source Agency: | US Nuclear Regulatory Commission Permits Section | | |
| Phone: | 301/492-7000 | | |
| Description: | Nuclear Power Facilities. The Nuclear Report Is A Comprehensive Listing Of All Licensed And Active Nuclear Power Plants In The United States. | | |

ERIS DATABASE DESCRIPTIONS

| | | |
|---|---|-------------------------|
| Database: Source Agency: Phone: Description: | OPENDUMP US Environmental Protection Agency Office Of Solid Waste And Emergency Response 202/260-4687 Open Dumps Report. The Resource Conservation And Recovery Act Defines The Term "Open Dump" To Mean "...Any Facility Or Site Where Solid Waste Is Disposed Of Which Is Not A Sanitary Landfill Which Meets The Criteria Promulgated Under Section 4004 And Which Is Not A Facility For The Disposal Of Hazardous Waste." Thus, Any Facility Which Fails To Comply With Any One Element Of The Criteria Is Considered To Be An Open Dump. | Date: 01/01/1990 |
| Database: Source Agency: Phone: Description: | RCRIS_LG US Environmental Protection Agency Office Of Solid Waste And Emergency Response 202/260-4697 Resource Conservation And Recovery Information System - Large Quantity Generators. The RCRIS_LG Report Contains Information Pertaining To Facilities That Either Generate More Than 1000kg Of Hazardous Waste Per Month Or Meet Other Applicable Requirements Of The Resource Conservation And Recovery Act. | Date: 08/03/1993 |
| Database: Source Agency: Phone: Description: | RCRIS_SG US Environmental Protection Agency Office Of Solid Waste And Emergency Response 202/260-4697 Resource Conservation And Recovery Information System - Small Quantity Generators. The RCRIS_SG Report Contains Information Pertaining To Facilities That Either Generate Between 100kg And 1000kg Of Hazardous Waste Per Month Or Meet Other Applicable Requirements Of The Resource Conservation And Recovery Act. | Date: 08/03/1993 |
| Database: Source Agency: Phone: Description: | RCRIS_TS US Environmental Protection Agency Office Of Solid Waste And Emergency Response 202/260-4697 Resource Conservation And Recovery Information System - Treatment, Storage, And Disposal Facilities. The RCRIS_TS Report Contains Information Pertaining To Facilities That Either Treat, Store, Or Dispose Of Hazardous Waste. | Date: 08/03/1993 |
| Database: Source Agency: Phone: Description: | TRI US Environmental Protection Agency Office Of Pollution Prevention And Toxics 202/260-3757 Toxic Release Inventory System Of 1991. The TRI Report Contains Information On The Industrial Release And/Or Transfer Of Toxic Chemicals As Reportable Under Title III Of The Superfund Amendments And Reauthorization Act Of 1986 (Sara Title III). | Date: 12/31/1991 |
| Database: Source Agency: Phone: Description: | CALSITES CA Dept. Of Toxic Substances Control Site Mitigation Branch/CalSites 916/255-2086 The California Calsites Report Contains Information Pertaining To State Hazardous Waste Sites. Sites Formerly Listed In The Annual Workplan, The Abandoned Sites Project Information System (ASPIS), And The Bond Expenditure Plan (BEP) Are Now Included In The Calsites Database. | Date: 05/15/1993 |

ERIIS DATABASE DESCRIPTIONS

| | | | |
|-----------------------|---|--------------|------------|
| Database: | CORTS | Date: | 09/01/1990 |
| Source Agency: | CA Dept. Of Toxic Substances Control Hazardous Materials Data Management | | |
| Phone: | 916/445-6532 | | |
| Description: | The California Cortese List, Also Known As The Hazardous Waste And Substances Sites List, Contains Summary Information Pertaining To Contaminated Sites In The State Of California. Contaminated Wells, Leaking Underground Storage Tanks, And Sanitary Landfills Are Among The Facilities Contained On The Cortese List. Information For This Report Was Extracted From The California Facility Inventory Data System (FIDS) List. | | |
| | | | |
| Database: | HWIS | Date: | 07/10/1992 |
| Source Agency: | CA Dept. Of Toxic Substances Control Enforcement Branch | | |
| Phone: | 916/323-6556 | | |
| Description: | The California Hazardous Waste Information System Contains Summary Information Pertaining To Facilities That Are Required To Register With The California EPA Under The Resource Conservation And Recovery Act (RCRA). | | |
| | | | |
| Database: | LUST | Date: | / / |
| Source Agency: | CA Water Quality Control Board(s) | | |
| Phone: | | | |
| Description: | The California LUST Report Conatins Information Pertaining To Reported Leaking Underground Storage Tanks Within The State Of California. ERIIS Has Obtained The LUST Information From The Regional Water Quality Control Boards. The Dates Of The Information For A Specific Region Are As Follows: Region 1 - North Coast Region - 1/12/93 Region 2 - San Fran. Bay Region - 1/04/93 Region 3 - Central Coast Region - 1/19/93 Region 4 - Los Angeles Region - 1/25/93 Region 5 - Central Valley Region - 3/29/93 Region 6 - Lohontan Region - 10/29/92 Region 7 - CO River Basin Region - 10/09/92 Region 8 - Santa Ana Region - 1/20/93 Region 9 - San Diego Region - 1/25/93 | | |
| | | | |
| Database: | SWAT | Date: | 04/09/1993 |
| Source Agency: | CA Certified Engineering Geologist Jonathan H. Mulder | | |
| Phone: | 916/934-2734 | | |
| Description: | The California Solid Waste Assessment Test Report Contains Information Pertaining To Solid Waste Landfills From Which There Is A Known Migration Of Hazardous Waste. Information For This Report Was Extracted From The California Waste Management Unit Data System (WMUDS). | | |
| | | | |
| Database: | SWIS | Date: | 03/01/1993 |
| Source Agency: | CA Intergrated Waste Management Board SWIS Program | | |
| Phone: | 916/255-2248 | | |
| Description: | The California Solid Waste Information System (SWIS) Report Contains Information Pertaining To All Permitted Solid Waste Landfills Operating Within The State Of California. | | |
| | | | |
| Database: | UST | Date: | 08/04/1993 |
| Source Agency: | CA Office Of Environmental Information Input Systems | | |
| Phone: | 916/323-0202 | | |
| Description: | The California UST Report Is A Comprehensive Listing Of All Registered Underground Storage Tanks Within The State Of California. | | |

ERIIS DATABASE DESCRIPTIONS

Database:
Source Agency:
Phone:
Description:

WDS
CA State Water Resources Control Board
916/657-1395
The California Waste Discharger System (WDS) Report Contains Information Concerning Facilities That Have Been Issued Waste Discharge Permits For The Release Of Waste Water Or Hazardous Waste Into Either An Injection Well Or Surface Water.

Date: 02/07/1992

ERIIS SUMMARY OF RADIUS SITES

ERIIS Report #35978

Dec 16, 199

| ERIIS ID. | FACILITY | DATABASE | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-------------|--|----------|--------------------|---------------------|--------|
| 08040000839 | ACCURA-MED CORPORATION 9575 TRINITY CT | CALSITES | 0.001 MI | NORTHWEST | 639 |
| 08008015257 | VALENT DUBLIN LAB 8560 TRINITY CT | RCRIS_SG | 0.004 MI | NORTHWEST | 5257 |
| 08008008727 | PACIFIC CYBER METRIX INC 8805 SIERRA CT | RCRIS_SG | 0.052 MI | SOUTHWEST | 8727 |
| 08008008731 | CONTINUOUS EXTRUDED PRODUCTS 8900A SIERRA CT | RCRIS_SG | 0.053 MI | SOUTHWEST | 8731 |
| 08008013858 | AMERICAN XTAL TECHNOLOGY 8780 SIERRA CT STE I | RCRIS_SG | 0.060 MI | SOUTHWEST | 3858 |
| 08008017524 | TITAN BETA 8760 SIERRA CT STE R | RCRIS_SG | 0.060 MI | SOUTHWEST | 7524 |
| 08008018328 | CUSTOM PHOTOGRAPHIC SERVICES 8948 SIERRA CT STE B | RCRIS_SG | 0.107 MI | NORTHWEST | 8328 |
| 08010000180 | DUBLIN 8955 SIERRA CT | UST | 0.112 MI | NORTHWEST | 180 |
| 08008001437 | ORTHOMATRIX, INC 8968 SIERRA CT | RCRIS_SG | 0.120 MI | NORTHWEST | 1437 |
| 08010000150 | BORCHERS BROS 5965 DOUGHERTY RD | UST | 0.214 MI | SOUTHEAST | 150 |
| 08008011159 | PRECISION TUNE 8000 DOUGHERTY RD | RCRIS_SG | 0.225 MI | SOUTHEAST | 1159 |
| 08010000177 | RYNEK TIRE & BRAKE INC 8028 DOUGHERTY RD | UST | 0.235 MI | SOUTHEAST | 177 |
| 08007015778 | PACIFIC BELL 6500 SIERRA CT | RCRIS_LG | 0.238 MI | SOUTHWEST | 5778 |
| 08040000558 | EKOHWERKS 6488 SIERRA CT | CALSITES | 0.245 MI | SOUTHWEST | 558 |
| 08040000589 | MULTISONICS INC 6444 SIERRA CT | CALSITES | 0.271 MI | SOUTHWEST | 589 |
| 08008004467 | WINKO MATIC MULTISONICS 6444 SIERRA CT | RCRIS_SG | 0.271 MI | SOUTHWEST | 4467 |
| 08005001842 | AMERICAN CITIES TIRE SERVICE 8310 HOUSTON PLACE | LUST | 0.315 MI | SOUTHEAST | 1842 |
| 08008002402 | ELECTRO PAINTERS INC 8517 SIERRA LN | RCRIS_SG | 0.332 MI | SOUTHEAST | 2402 |
| 08008010805 | ENZYME SYSTEMS PRODUCTS 6497 SIERRA LN | RCRIS_SG | 0.332 MI | SOUTHEAST | 605 |
| 08010000184 | VIACOM CABLEVISION 6840 SIERRA LN | UST | 0.339 MI | SOUTHEAST | 184 |
| 08040000215 | HEXCEL MEDICAL PRODUCTS 8700 SIERRA LN | CALSITES | 0.348 MI | SOUTHEAST | 215 |
| 08008011582 | LABEL CONCEPTS INC 8700 SIERRA LN | RCRIS_SG | 0.348 MI | SOUTHEAST | 1582 |
| 08005001840 | AMERICAN BUILDING COMPONENTS 6253 DOUGHERTY ROAD | LUST | 0.361 MI | SOUTHEAST | 1840 |
| 08010000188 | WRIGHT AIR, INC. 6305 DOUGHERTY RD | UST | 0.388 MI | SOUTHEAST | 188 |
| 08040000838 | BLALOCKS 6388 DOUGHERTY RD | CALSITES | 0.435 MI | SOUTHEAST | 638 |
| 08007005958 | MIRACLE AUTO PAINTING 8500 SCARLETT CT | RCRIS_LG | 0.467 MI | SOUTHEAST | 5958 |
| 08040000713 | AMADOR VALLEY MOVING AND STORAGE 6855 DUBLIN BLVD | CALSITES | 0.480 MI | SOUTHWEST | 713 |
| 08010000174 | KMART ENTERPRISES 6833 DUBLIN BLVD | UST | 0.490 MI | SOUTHWEST | 174 |
| 08008015988 | PHOTOMAGIC 6833 DUBLIN BLVD | RCRIS_SG | 0.490 MI | SOUTHWEST | 5988 |
| 08008015541 | ALL CREATURES VETERINARY HOSP 6612 DUBLIN BLVD | RCRIS_SG | 0.493 MI | SOUTHWEST | 5541 |
| 08010000186 | DUBLIN ROCK & READY MIX, INC. 6393 SCARLETT CT | UST | 0.507 MI | SOUTHEAST | 186 |
| 08007013157 | TRI VALLEY RADIATOR 8384 SCARLETT CT | RCRIS_LG | 0.510 MI | SOUTHEAST | 3157 |
| 08007010253 | DIABLO EN TRACH DEPT 78 8355 SCARLETT CT # 11 | RCRIS_LG | 0.521 MI | SOUTHEAST | 253 |

ERIIS SUMMARY OF RADIUS SITES

ERIIS Report #35978

Dec 16, 199

| ERIIS ID. | FACILITY | DATABASE | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-------------|--|----------|--------------------|---------------------|--------|
| 06040000549 | DIABLO ENGINE AND MACHINE 6355 SCARLETT CT # 11 | CALSITES | 0.521 MI | SOUTHEAST | 549 |
| 06040000319 | W & M SUPPLY COMPANY (STE 18) 6355 SCARLETT CT | CALSITES | 0.521 MI | SOUTHEAST | 319 |
| 06040001126 | STUCK SPRING COMPANY 6351 SCARLETT CT | CALSITES | 0.522 MI | SOUTHEAST | 1126 |
| 06002004128 | 6401 DUBLIN BLVD | ERNS | 0.523 MI | SOUTHEAST | 4128 |
| 06040000436 | NEO-TECH SPRING CORPORATION 6349 SCARLETT CT | CALSITES | 0.523 MI | SOUTHEAST | 436 |
| 06010000185 | WOODARD'S UNION SERVICE 6401 DUBLIN BLVD | UST | 0.523 MI | SOUTHEAST | 185 |
| 06010000151 | BP OIL CO FACILITY NO 11120 6400 DUBLIN BLVD | UST | 0.524 MI | SOUTHEAST | 151 |
| 06007016645 | DUBLIN MULTILAYER INC 6341 SCARLETT CT | RCRIS_LG | 0.528 MI | SOUTHEAST | 6645 |
| 06040000071 | J P MONTGOMERY AND SON 6319 SCARLETT CT | CALSITES | 0.534 MI | SOUTHEAST | 71 |
| 06008004448 | EL MONTE RV 6301 SCARLETT CT | RCRIS_SG | 0.541 MI | SOUTHEAST | 4448 |
| 06010000179 | U HAUL CENTER 6285 SCARLETT CT | UST | 0.554 MI | SOUTHEAST | 179 |
| 06040001264 | ADVANCE TECHNOLOGY ASSOCIATION 6377 CLARK AVE | CALSITES | 0.558 MI | SOUTHWEST | 1264 |
| 06007004875 | PACIFIC BELL 6377 CLARK AVE RM 200 | RCRIS_LG | 0.558 MI | SOUTHWEST | 4875 |
| 06007009544 | RENTAL WORLD 6457 DUBLIN CT | RCRIS_LG | 0.563 MI | SOUTHEAST | 9544 |
| 06010000178 | RENTAL WORLD, INC. 6457 DUBLIN CT | UST | 0.563 MI | SOUTHEAST | 178 |
| 06007002448 | FOREMOST-MCKESSON RESEARCH CTR 6363 CLARK AVE | RCRIS_LG | 0.570 MI | SOUTHWEST | 2448 |
| 06010000157 | CROSSROADS PONTIAC/TOYOTA 6450 DUBLIN CT | UST | 0.576 MI | SOUTHEAST | 157 |
| 06040001263 | DEMCO-DUBLIN ENGINEERING & MFG COMPANY 7263 ELBA CT | CALSITES | 0.589 MI | NORTHWEST | 1263 |
| 06005002414 | LUCKY STORES 6300 CLARK AVE | LUST | 0.623 MI | SOUTHWEST | 2414 |
| 06010000153 | CHARLES LEMOINE 6085 SCARLETT CT | UST | 0.640 MI | SOUTHEAST | 153 |
| 06007009536 | VALLEY NISSAN 6015 SCARLETT CT | RCRIS_LG | 0.663 MI | SOUTHEAST | 9536 |
| 06010000156 | CORWOOD CAR WASH 6873 VILLAGE PKY | UST | 0.686 MI | SOUTHWEST | 156 |
| 06005001992 | CORWOOD CARWASH 6873 VILLAGE PKWY | LUST | 0.688 MI | SOUTHWEST | 1992 |
| 06040000918 | RICH WATER INC 7000 VILLAGE PKY | CALSITES | 0.687 MI | SOUTHWEST | 918 |
| 06007010803 | QUICK WAY CLEANERS 7061 VILLAGE PKY | RCRIS_LG | 0.688 MI | SOUTHWEST | 803 |
| 06010000170 | GEORGE GRAY SHELL SERVICE 7194 AMADOR VALLEY BLVD | UST | 0.719 MI | NORTHWEST | 170 |
| 06005002812 | SHELL 7194 AMADOR VALLEY BLVD | LUST | 0.719 MI | NORTHWEST | 2812 |
| 06040000957 | 1' OLD SHOPPE 7106 VILLAGE PKY | CALSITES | 0.726 MI | SOUTHWEST | 957 |
| 06008000634 | DOLDS WORKSHOP 7106 VILLAGE PKY | RCRIS_SG | 0.726 MI | SOUTHWEST | 634 |
| 06010000152 | BP OIL FACILITY #11118 7197 VILLAGE PKY | UST | 0.769 MI | NORTHWEST | 152 |
| 06005002485 | MOBIL 7197 VILLAGE PKWY | LUST | 0.769 MI | NORTHWEST | 2485 |
| 06005001680 | ARCO 7249 VILLAGE PARKWAY | LUST | 0.784 MI | NORTHWEST | 1680 |
| 06010000149 | ARCO FAC# 8041 7249 VILLAGE PKY | UST | 0.784 MI | NORTHWEST | 149 |

ERIIS SUMMARY OF RADIUS SITES

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID. | FACILITY | DATABASE | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-------------|--|----------|--------------------|---------------------|--------|
| 06010000181 | DUBLIN AUTO WASH 7240 DUBLIN BLVD | UST | 0.789 MI | SOUTHWEST | 161 |
| 06040001000 | ESTLER'S OF DUBLIN 7301 VILLAGE PKY | CALSITES | 0.790 MI | NORTHWEST | 1000 |
| 06005002985 | UNKNOWN 8085 SCARLETT CT | LUST | 0.805 MI | SOUTHEAST | 2985 |
| 06006001915 | CHEVRON 5280 HOPYARD RD | LUST | 0.808 MI | SOUTHEAST | 1915 |
| 06010001400 | CHEVRON USA INC 5280 HOPYARD RD | UST | 0.808 MI | SOUTHEAST | 1400 |
| 06007005832 | HEXCEL CORP 8863 OWENS DR | RCRIS_LG | 0.816 MI | SOUTHEAST | 5832 |
| 06007005830 | HEXCEL PLEASANTON 8870 OWENS DR | RCRIS_LG | 0.819 MI | SOUTHEAST | 5830 |
| 06005002748 | SCOTSMAN CO 8055 SCARLETT CT | LUST | 0.820 MI | SOUTHEAST | 2748 |
| 06010001418 | HOPYARD SHELL 5251 HOPYARD RD | UST | 0.823 MI | SOUTHEAST | 1418 |
| 06006002805 | SHELL 5251 HOPYARD RD | LUST | 0.823 MI | SOUTHEAST | 2805 |
| 06010000180 | UNION OIL SS#5388 7375 AMADOR VALLEY BLVD | UST | 0.850 MI | SOUTHWEST | 180 |
| 06006003028 | UNOCAL 7375 AMADOR VALLEY RD | LUST | 0.850 MI | SOUTHWEST | 3028 |
| 06040000622 | PERFORMANCE ENGINE & MANUFACTURING CO 7068 COMMERCE CIR | CALSITES | 0.856 MI | SOUTHWEST | 622 |
| 06040000509 | GHA CORPORATION 7071 COMMERCE CIR | CALSITES | 0.872 MI | SOUTHWEST | 509 |
| 06008003015 | LABEL CONCEPTS, INC 7071 COMMERCE CIR | RCRIS_SG | 0.872 MI | SOUTHWEST | 3015 |
| 06040000483 | ENCOR INC 7074 COMMERCE CIR | CALSITES | 0.882 MI | SOUTHWEST | 483 |
| 06007015791 | PACIFIC BELL 7074A COMMERCE CIRCLE | RCRIS_LG | 0.882 MI | SOUTHWEST | 5791 |
| 06005002030 | DODGE PROPERTY 7400 AMADOR VALLEY BLVD | LUST | 0.890 MI | SOUTHWEST | 2030 |
| 06007005588 | GELMAN SCIENCES 7079 COMMERCE CIR | RCRIS_LG | 0.899 MI | SOUTHWEST | 5588 |
| 06007002723 | MEMBRANA 7079 COMMERCE CIR | RCRIS_LG | 0.899 MI | SOUTHWEST | 2723 |
| 06010001448 | VALLEY CREST LANDSCAPE, INC. 7043 COMMERCE CIR | UST | 0.902 MI | SOUTHWEST | 1448 |
| 06006001925 | CHEVRON 7420 DUBLIN BLVD | LUST | 0.912 MI | SOUTHWEST | 1925 |
| 06010000155 | CHEVRON 92582 7420 DUBLIN BLVD | UST | 0.912 MI | SOUTHWEST | 155 |
| 06001001852 | NUCLEPore CORP 7035 COMMERCE CIR | CERCLIS | 0.940 MI | SOUTHWEST | 1852 |
| 06008001151 | NUCLEPore CORP 7035 COMMERCE CIR | RCRIS_SG | 0.940 MI | SOUTHWEST | 1151 |
| 06005002389 | LEW DOTY CADILLAC 5787 SCARLETT CT | LUST | 0.949 MI | SOUTHEAST | 2389 |
| 06005002492 | MONTGOMERY WARD 8900 AMADOR PLAZA RD | LUST | 0.964 MI | SOUTHWEST | 2492 |
| 06010000164 | DUBLIN-MONTGOMERY WARD 8900 AMADOR PLAZA RD | UST | 0.965 MI | SOUTHWEST | 164 |
| 06010000178 | SHAMROCK FORD INC 7499 DUBLIN BLVD | UST | 0.968 MI | SOUTHWEST | 178 |
| 06008003581 | ONE HOUR MARTINIZING 8956 AMADOR PLAZA DR | RCRIS_SG | 0.976 MI | SOUTHWEST | 3581 |
| 06007009548 | DUBLIN HONDA 7099 AMADOR PLAZA RD | RCRIS_LG | 0.981 MI | SOUTHWEST | 9548 |
| 06010000163 | DUBLIN HONDA 7099 AMADOR PLAZA RD | UST | 0.981 MI | SOUTHWEST | 163 |
| 06006002043 | DUBLIN HONDA 7099 AMADOR PLAZA RD | LUST | 0.981 MI | SOUTHWEST | 2043 |

ERIIS ENVIRONMENTAL DATA REPORT
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
(CERCLIS - RADIUS SITES)

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID EPA ID | FACILITY | FACILITY ADDRESS | NPL STATUS INCIDENT CATEGORY | MAP ID |
|-----------------------------|---|--|---------------------------------|--------|
| 08001001852 CAD981171648 | NUCLEPORE CORP DISTANCE FROM SITE: 0.940 MILES DIRECTION FROM SITE: SOUTHWEST | 7035 COMMERCE CIR PLEASANTON, CA 94586 COUNTY: ALAMEDA | NOT ON THE NPL BLANK | 1852 |

| <u>SITE EVENT(S)</u> | <u>COMPLETE DATE</u> | <u>ACTION PRIORITY</u> |
|---------------------------|----------------------|------------------------|
| DISCOVERY | 07/01/84 | BLANK |
| PRELIMINARY ASSESSMENT | 07/01/84 | BLANK |
| HAZARD RANKING DETERMINED | 08/01/85 | BLANK |
| SCREENING SITE INSPECTION | 08/01/85 | BLANK |
| SCREENING SITE INSPECTION | 07/08/90 | NO FURTHER ACTION |

**ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
(RCRIS - LARGE QUANTITY GENERATORS - RADIUS SITES)**

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES CODES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-----------------------------|-------------------------|---|--|-----------------------|------------------------|--------|
| 06007015778 CAT060020781 | PACIFIC BELL | 6500 SIERRA CT DUBLIN, CA 94588-2660 COUNTY: ALAMEDA | 2 Y LG QTY GEN, TRANS | 0.238 MILES | SOUTHWEST | 5778 |
| | | <u>REPORTED WASTE CODES</u> D002 D004 | | | | |
| 06007005958 CAD981376833 | MIRACLE AUTO PAINTING | 6500 SCARLETT CT DUBLIN, CA 94588-3108 COUNTY: ALAMEDA | 0 Y LG QTY GEN | 0.467 MILES | SOUTHEAST | 6958 |
| | | <u>REPORTED WASTE CODES</u> | | | | |
| 06007013157 CAD982462889 | TRI VALLEY RADIATOR | 6384 SCARLETT CT DUBLIN, CA 94588-3104 COUNTY: ALAMEDA | 1 Y LG QTY GEN | 0.510 MILES | SOUTHEAST | 3157 |
| | | <u>REPORTED WASTE CODES</u> D000 | | | | |
| 06007010253 CAD981682586 | DIABLO EN TRACH DEPT 78 | 6355 SCARLETT CT # 11 DUBLIN, CA 94588-3140 COUNTY: ALAMEDA | 4 Y LG QTY GEN | 0.521 MILES | SOUTHEAST | 253 |
| | | <u>REPORTED WASTE CODES</u> D000 D001 F002 F004 | | | | |
| 06007016645 CAT060031537 | DUBLIN MULTILAYER INC | 6341 SCARLETT CT DUBLIN, CA 94588-3149 COUNTY: ALAMEDA | 5 N LG QTY GEN | 0.526 MILES | SOUTHEAST | 6645 |
| | | <u>FACILITY VIOLATIONS: GENERATOR REQUIREMENTS</u> <u>REPORTED WASTE CODES</u> D000 D002 F006 F007 F009 | | | | |
| 06007004875 CAD980882542 | PACIFIC BELL | 6377 CLARK AVE RM 200 DUBLIN, CA 94588-3035 COUNTY: ALAMEDA | 2 Y LG QTY GEN, TRANS | 0.558 MILES | SOUTHWEST | 4875 |
| | | <u>REPORTED WASTE CODES</u> D000 D002 | | | | |
| 06007009544 CAD981658859 | RENTAL WORLD | 6457 DUBLIN CT DUBLIN, CA 94588-3136 COUNTY: ALAMEDA | 4 Y LG QTY GEN | 0.563 MILES | SOUTHEAST | 9544 |
| | | <u>REPORTED WASTE CODES</u> | | | | |

ERIIS ENVIRONMENTAL DATA REPORT
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
 (RCRIS - LARGE QUANTITY GENERATORS - RADIUS SITES)

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES CODES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-----------------------------|--------------------------------|---|--|-----------------------|------------------------|--------|
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D000 | | | | | | |
| D001 | | | | | | |
| F002 | | | | | | |
| F004 | | | | | | |
| 06007002448 CAD047413034 | FOREMOST-MCKESSON RESEARCH CTR | 6383 CLARK AVE DUBLIN, CA 94588-3001 COUNTY: ALAMEDA | 2 Y LG QTY GEN | 0.570 MILES | SOUTHWEST | 2448 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D002 | | | | | | |
| D004 | | | | | | |
| 06007009536 CAD981658610 | VALLEY NISSAN | 6015 SCARLETT CT DUBLIN, CA 94588-3102 COUNTY: ALAMEDA | 2 Y LG QTY GEN | 0.663 MILES | SOUTHEAST | 9536 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D000 | | | | | | |
| D001 | | | | | | |
| 06007010803 CAD981976533 | QUICK WAY CLEANERS | 7061 VILLAGE PKY DUBLIN, CA 94588-2407 COUNTY: ALAMEDA | 2 Y LG QTY GEN | 0.689 MILES | SOUTHWEST | 803 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D002 | | | | | | |
| F002 | | | | | | |
| 06007005832 CAD981371982 | HEXCEL CORP | 8863 OWENS DR PLEASANTON, CA 94588-3335 COUNTY: ALAMEDA | 0 Y LG QTY GEN | 0.816 MILES | SOUTHEAST | 5832 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| 06007005830 CAD981371925 | HEXCEL PLEASANTON | 8870 OWENS DR PLEASANTON, CA 94588-3334 COUNTY: ALAMEDA | 0 Y LG QTY GEN | 0.819 MILES | SOUTHEAST | 5830 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| 06007015791 CAT080020902 | PACIFIC BELL | 7074A COMMERCE CIRCLE PLEASANTON, CA 94588 COUNTY: ALAMEDA | 2 Y LG QTY GEN, TRANS | 0.892 MILES | SOUTHWEST | 5791 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D002 | | | | | | |
| D004 | | | | | | |
| 06007002723 CAD053059413 | MEMBRANA | 7079 COMMERCE CIR PLEASANTON, CA 94588-8008 COUNTY: ALAMEDA | 2 Y LG QTY GEN | 0.899 MILES | SOUTHWEST | 2723 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D002 | | | | | | |

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
(RCRIS - LARGE QUANTITY GENERATORS - RADIUS SITES)

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES CODES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|-----------------------------|-----------------|---|--|-----------------------|------------------------|--------|
| <u>REPORTED WASTE CODES</u> | | | | | | |
| F001 | | | | | | |
| 06007005588 CAD981186051 | GELMAN SCIENCES | 7079 COMMERCE CIR PLEASANTON, CA 94588-8008 COUNTY: ALAMEDA | 2 Y LG QTY GEN | 0.899 MILES | SOUTHWEST | 5588 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D002 | | | | | | |
| F001 | | | | | | |
| 06007009548 CAD981858980 | DUBLIN HONDA | 7099 AMADOR PLAZA RD DUBLIN, CA 94568-2315 COUNTY: ALAMEDA | 4 Y LG QTY GEN | 0.981 MILES | SOUTHWEST | 9548 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| D000 | | | | | | |
| D001 | | | | | | |
| F002 | | | | | | |
| F004 | | | | | | |

**ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
(RCRIS - SMALL QUANTITY GENERATORS - RADIUS SITES)**

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|---|------------------------------|--|--|-----------------------|------------------------|--------|
| 06008015257 CAD983614173 | VALENT DUBLIN LAB | 6560 TRINITY CT DUBLIN, CA 94568-2828 COUNTY: ALAMEDA | 2 Y SM QTY GEN | 0.004 MILES | NORTHWEST | 5257 |
| <u>REPORTED WASTE CODES</u> D001 F003 | | | | | | |
| 06008008727 CAD981994122 | PACIFIC CYBER METRIX INC | 6805 SIERRA CT DUBLIN, CA 94568-2816 COUNTY: ALAMEDA | 0 Y SM QTY GEN | 0.052 MILES | SOUTHWEST | 6727 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| 06008006731 CAD981994239 | CONTINUOUS EXTRUDED PRODUCTS | 6800A SIERRA CT DUBLIN, CA 94568-2816 COUNTY: ALAMEDA | 1 Y SM QTY GEN | 0.053 MILES | SOUTHWEST | 6731 |
| <u>REPORTED WASTE CODES</u> D002 | | | | | | |
| 06008013858 CAD983595976 | AMERICAN XTAL TECHNOLOGY | 6780 SIERRA CT STE I DUBLIN, CA 94568-2800 COUNTY: ALAMEDA | 4 Y SM QTY GEN | 0.080 MILES | SOUTHWEST | 3858 |
| <u>REPORTED WASTE CODES</u> D000 D001 D002 D004 | | | | | | |
| 06008017524 CAD983649716 | TITAN BETA | 6780 SIERRA CT STE R DUBLIN, CA 94568-2800 COUNTY: ALAMEDA | 6 Y SM QTY GEN | 0.080 MILES | SOUTHWEST | 7524 |
| <u>REPORTED WASTE CODES</u> D000 D001 D002 D003 D007 D008 | | | | | | |
| 06008018328 CAD983659210 | CUSTOM PHOTOGRAPHIC SERVICES | 6948 SIERRA CT STE B DUBLIN, CA 94568-2841 COUNTY: ALAMEDA | 2 Y SM QTY GEN | 0.107 MILES | NORTHWEST | 8328 |
| <u>REPORTED WASTE CODES</u> D000 D011 | | | | | | |
| 06008001437 CAD981375686 | ORTHOMATRIX, INC | 6968 SIERRA CT DUBLIN, CA 94568-2841 COUNTY: ALAMEDA | 0 Y SM QTY GEN | 0.120 MILES | NORTHWEST | 1437 |

ERIS ENVIRONMENTAL DATA REPORT
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
 (RCRIS - SMALL QUANTITY GENERATORS - RADIUS SITES)

ERIS Report #35978

Dec 16, 1993

| ERIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|---|-------------------------------|---|--|-----------------------|------------------------|--------|
| <u>REPORTED WASTE CODES</u> | | | | | | |
| 06008011159 CAD982485203 | PRECISION TUNE | 6000 DOUGHERTY RD DUBLIN, CA 94568-2634 COUNTY: ALAMEDA | 1 Y SM QTY GEN | 0.225 MILES | SOUTHEAST | 1159 |
| <u>REPORTED WASTE CODES</u> D000 | | | | | | |
| 06008004467 CAD981853934 | WINKO MATIC MULTISONICS | 6444 SIERRA CT DUBLIN, CA 94568-2814 COUNTY: ALAMEDA | 1 Y SM QTY GEN | 0.271 MILES | SOUTHWEST | 4467 |
| <u>REPORTED WASTE CODES</u> F002 | | | | | | |
| 06008002402 CAD981429772 | ELECTRO PAINTERS INC | 6517 SIERRA LN DUBLIN, CA 94568-2819 COUNTY: ALAMEDA | 3 Y SM QTY GEN | 0.332 MILES | SOUTHEAST | 2402 |
| <u>REPORTED WASTE CODES</u> D001 F003 U239 | | | | | | |
| 06008010805 CAD982471401 | ENZYME SYSTEMS PRODUCTS | 6497 SIERRA LN DUBLIN, CA 94568-2817 COUNTY: ALAMEDA | 3 Y SM QTY GEN | 0.332 MILES | SOUTHEAST | 805 |
| <u>REPORTED WASTE CODES</u> F002 F003 F005 | | | | | | |
| 06008011582 CAD982498549 | LABEL CONCEPTS INC | 6700 SIERRA LN DUBLIN, CA 94568-2824 COUNTY: ALAMEDA | 2 Y SM QTY GEN | 0.346 MILES | SOUTHEAST | 1582 |
| <u>REPORTED WASTE CODES</u> F002 F005 | | | | | | |
| 06008015996 CAD983625344 | PHOTOMAGIC | 6633 DUBLIN BLVD DUBLIN, CA 94568-3134 COUNTY: ALAMEDA | 2 Y SM QTY GEN | 0.490 MILES | SOUTHWEST | 5996 |
| <u>REPORTED WASTE CODES</u> D000 D011 | | | | | | |
| 06008015541 CAD983618028 | ALL CREATURES VETERINARY HOSP | 6612 DUBLIN BLVD DUBLIN, CA 94568-3135 COUNTY: ALAMEDA | 2 Y SM QTY GEN | 0.493 MILES | SOUTHWEST | 5541 |
| <u>REPORTED WASTE CODES</u> D000 | | | | | | |

**ERIIS ENVIRONMENTAL DATA REPORT
 RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
 (RCRIS - SMALL QUANTITY GENERATORS - RADIUS SITES)**

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES CODES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES | DISTANCE FROM SITE | DIRECTION FROM SITE | MAP ID |
|---|----------------------|---|--|-----------------------|------------------------|--------|
| <u>REPORTED WASTE CODES</u> D011 | | | | | | |
| 06008004448 CAD981653520 | EL MONTE RV | 8301 SCARLETT CT DUBLIN, CA 94568-3139 COUNTY: ALAMEDA | 3 Y SM QTY GEN | 0.541 MILES | SOUTHEAST | 4448 |
| <u>REPORTED WASTE CODES</u> D000 D001 D004 | | | | | | |
| 06008000634 CAD076582248 | DOLDS WORKSHOP | 7108 VILLAGE PKY DUBLIN, CA 94568-2410 COUNTY: ALAMEDA | 1 Y SM QTY GEN | 0.726 MILES | SOUTHWEST | 634 |
| <u>REPORTED WASTE CODES</u> F002 | | | | | | |
| 06008003015 CAD981452121 | LABEL CONCEPTS, INC | 7071 COMMERCE CIR PLEASANTON, CA 94588-8008 COUNTY: ALAMEDA | 0 Y SM QTY GEN | 0.872 MILES | SOUTHWEST | 3015 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| 06008001151 CAD981171648 | NUCLEPORE CORP | 7035 COMMERCE CIR PLEASANTON, CA 94588-8008 COUNTY: ALAMEDA | 0 Y SM QTY GEN | 0.940 MILES | SOUTHWEST | 1151 |
| <u>REPORTED WASTE CODES</u> | | | | | | |
| 06008003581 CAD981580459 | ONE HOUR MARTINIZING | 6956 AMAPOR PLAZA DR DUBLIN, CA 94568 COUNTY: ALAMEDA | 1 Y SM QTY GEN | 0.976 MILES | SOUTHWEST | 3581 |
| <u>REPORTED WASTE CODES</u> F002 | | | | | | |

**ERIIS ENVIRONMENTAL DATA REPORT
EMERGENCY RESPONSE NOTIFICATION SYSTEM
(ERNS - RADIUS SITES)**

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID REPORT NUMBER SOURCE AGENCY | SPILL CITY, STATE, ZIP CODE SPILL COUNTY | DISCHARGER NAME ORGANIZATION ADDRESS | SPILL DATE MATERIAL(S) SPILLED QUANTITY SPILLED | MEDIA AFFECTED | | | | | WATER WAY AFFECTED | MAP ID |
|--|--|--|---|----------------|------|-------|-----|----------------|-----------------------|--------|
| | | | | GRND | LAND | WATER | AIR | WATER FACILITY | | |
| 06002004128 92-5107 EPA REGION | DUBLIN, CA 94568 ALAMEDA DISTANCE FROM SITE: 0.523 MILES DIRECTION FROM SITE: SOUTHEAST | UNOCAL 6401 DUBLIN BLVD DUBLIN, CA 94568 | 07/14/92 GASOLINE 10 GAL | Y | N | N | N | N | SEWAGE SYSTEM | 4128 |

LOCATION: 6401 DUBLIN BLVD
DESCRIPTION: VEHICLE LEAKING
ACTION TAKEN: FD TO CLEANUP

**ERIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
(UST - RADIUS SITES)**

ERIS Report #35978

Dec 16, 1993

| ERIS ID | FACILITY | BUSINESS DESCRIPTION | ADDRESS | COUNTY | NUMBER OF TANKS | MAP ID |
|-------------|--|----------------------|--|---------|-----------------|--------|
| 08010000180 | DUBLIN DISTANCE FROM SITE: 0.112 MILES DIRECTION FROM SITE: NORTHWEST | GAS STATION | 8955 SIERRA CT DUBLIN, CA 94568-2641 | ALAMEDA | 2 | 180 |
| 08010000150 | BORCHERS BROS DISTANCE FROM SITE: 0.214 MILES DIRECTION FROM SITE: SOUTHEAST | MATERIALS SUPP. | 5985 DOUGHERTY RD DUBLIN, CA 94568-2831 | ALAMEDA | 2 | 150 |
| 08010000177 | RYNEK TIRE & BRAKE INC DISTANCE FROM SITE: 0.235 MILES DIRECTION FROM SITE: SOUTHEAST | OTHER TYPE TANK | 8028 DOUGHERTY RD DUBLIN, CA 94568-2634 | ALAMEDA | 1 | 177 |
| 08010000184 | VIACOM CABLEVISION DISTANCE FROM SITE: 0.339 MILES DIRECTION FROM SITE: SOUTHEAST | NOT SUPPLIED | 6840 SIERRA LN DUBLIN, CA 94568-2622 | ALAMEDA | 1 | 184 |
| 08010000186 | WRIGHT AIR, INC. DISTANCE FROM SITE: 0.388 MILES DIRECTION FROM SITE: SOUTHEAST | HEATING & AIR COND. | 6305 DOUGHERTY RD DUBLIN, CA 94568-2639 | ALAMEDA | 1 | 186 |
| 08010000174 | KMART ENTERPRISES DISTANCE FROM SITE: 0.490 MILES DIRECTION FROM SITE: SOUTHWEST | NOT SUPPLIED | 8833 DUBLIN BLVD DUBLIN, CA 94568-3134 | ALAMEDA | 1 | 174 |
| 08010000185 | DUBLIN ROCK & READY MIX, INC. DISTANCE FROM SITE: 0.507 MILES DIRECTION FROM SITE: SOUTHEAST | RETAIL CONCRETE | 8393 SCARLETT CT DUBLIN, CA 94568-3149 | ALAMEDA | 1 | 185 |
| 08010000185 | WOODARD'S UNION SERVICE DISTANCE FROM SITE: 0.523 MILES DIRECTION FROM SITE: SOUTHEAST | GAS STATION | 6401 DUBLIN BLVD DUBLIN, CA 94568-3131 | ALAMEDA | 3 | 185 |
| 08010000151 | BP OIL CO FACILITY NO 11120 DISTANCE FROM SITE: 0.524 MILES DIRECTION FROM SITE: SOUTHEAST | GAS STATION | 6400 DUBLIN BLVD DUBLIN, CA 94568-3132 | ALAMEDA | 4 | 151 |
| 08010000179 | U HAUL CENTER DISTANCE FROM SITE: 0.554 MILES DIRECTION FROM SITE: SOUTHEAST | RENTAL FACILITY | 8285 SCARLETT CT DUBLIN, CA 94568-3103 | ALAMEDA | 3 | 179 |
| 08010000176 | RENTAL WORLD, INC. DISTANCE FROM SITE: 0.583 MILES DIRECTION FROM SITE: SOUTHEAST | RENTAL EQUIPMENT STA | 6457 DUBLIN CT DUBLIN, CA 94568-3136 | ALAMEDA | 3 | 176 |
| 08010000157 | CROSSROADS PONTIAC/TOYOTA DISTANCE FROM SITE: 0.578 MILES DIRECTION FROM SITE: SOUTHEAST | AUTO DEALER | 6450 DUBLIN CT DUBLIN, CA 94568-3137 | ALAMEDA | 3 | 157 |
| 08010000153 | CHARLES LEMOINE DISTANCE FROM SITE: 0.640 MILES DIRECTION FROM SITE: SOUTHEAST | OTHER TYPE TANK | 8085 SCARLETT CT DUBLIN, CA 94568-3102 | ALAMEDA | 0 | 153 |
| 08010000158 | CORWOOD CAR WASH DISTANCE FROM SITE: 0.888 MILES DIRECTION FROM SITE: SOUTHWEST | GAS STATION | 8973 VILLAGE PKY DUBLIN, CA 94568-2405 | ALAMEDA | 2 | 158 |

**ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
(UST - RADIUS SITES)**

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID | FACILITY | BUSINESS DESCRIPTION | ADDRESS | COUNTY | NUMBER OF TANKS | MAP ID |
|-------------|---|----------------------|--|---------|-----------------|--------|
| 08010000170 | GEORGE GRAY SHELL SERVICE DISTANCE FROM SITE: 0.719 MILES DIRECTION FROM SITE: NORTHWEST | GAS STATION | 7194 AMADOR VALLEY BLVD DUBLIN, CA 94568-2048 | ALAMEDA | 4 | 170 |
| 08010000162 | BP OIL FACILITY #11118 DISTANCE FROM SITE: 0.789 MILES DIRECTION FROM SITE: NORTHWEST | GASOLINE STATION | 7197 VILLAGE PKY DUBLIN, CA 94568-2409 | ALAMEDA | 4 | 162 |
| 08010000149 | ARCO FAC# 6041 DISTANCE FROM SITE: 0.784 MILES DIRECTION FROM SITE: NORTHWEST | GASOLINE STATION | 7249 VILLAGE PKY DUBLIN, CA 94568-2029 | ALAMEDA | 5 | 149 |
| 08010000181 | DUBLIN AUTO WASH DISTANCE FROM SITE: 0.789 MILES DIRECTION FROM SITE: SOUTHWEST | GASOLINE STATION | 7240 DUBLIN BLVD DUBLIN, CA 94568-2412 | ALAMEDA | 3 | 181 |
| 08010001400 | CHEVRON USA INC DISTANCE FROM SITE: 0.808 MILES DIRECTION FROM SITE: SOUTHEAST | GASOLINE STATION | 5280 HOPYARD RD PLEASANTON, CA 94588-3306 | ALAMEDA | 5 | 1400 |
| 08010001418 | HOPYARD SHELL DISTANCE FROM SITE: 0.823 MILES DIRECTION FROM SITE: SOUTHEAST | GAS STATION | 5251 HOPYARD RD PLEASANTON, CA 94588-3305 | ALAMEDA | 4 | 1418 |
| 08010000180 | UNION OIL SS#5368 DISTANCE FROM SITE: 0.850 MILES DIRECTION FROM SITE: SOUTHWEST | GAS STATION | 7375 AMADOR VALLEY BLVD DUBLIN, CA 94568-2417 | ALAMEDA | 4 | 180 |
| 08010001448 | VALLEY CREST LANDSCAPE, INC. DISTANCE FROM SITE: 0.902 MILES DIRECTION FROM SITE: SOUTHWEST | LANDSCAPE CONTRACTOR | 7043 COMMERCE CIR PLEASANTON, CA 94588-8008 | ALAMEDA | 4 | 1448 |
| 08010000155 | CHEVRON 92582 DISTANCE FROM SITE: 0.912 MILES DIRECTION FROM SITE: SOUTHWEST | GAS STATION | 7420 DUBLIN BLVD DUBLIN, CA 94568-2416 | ALAMEDA | 3 | 155 |
| 08010000184 | DUBLIN-MONTGOMERY WARD DISTANCE FROM SITE: 0.965 MILES DIRECTION FROM SITE: SOUTHWEST | RETAIL DEPT. STORE | 6900 AMADOR PLAZA RD DUBLIN, CA 94568-2314 | ALAMEDA | 4 | 184 |
| 08010000178 | SHAMROCK FORD INC DISTANCE FROM SITE: 0.986 MILES DIRECTION FROM SITE: SOUTHWEST | AUTO DEALERSHIP | 7499 DUBLIN BLVD DUBLIN, CA 94568-2415 | ALAMEDA | 2 | 178 |
| 08010000183 | DUBLIN HONDA DISTANCE FROM SITE: 0.981 MILES DIRECTION FROM SITE: SOUTHWEST | CAR DEALER | 7099 AMADOR PLAZA RD DUBLIN, CA 94568-2315 | ALAMEDA | 1 | 183 |

ERIS ENVIRONMENTAL DATA REPORT
CALIFORNIA LEAKING UNDERGROUND STORAGE TANKS
(LUST - RADIUS SITES)

ERIS Report #35978

Dec 16, 1993

| ERIS ID FACILITY ID | FACILITY | ADDRESS | COUNTY | SUBSTANCE CASE TYPE | MAP ID |
|------------------------|---|--|---------|------------------------------|--------|
| 08005001642 01-0074 | AMERICAN CITIES TIRE SERVICE DISTANCE FROM SITE: 0.315 MILES DIRECTION FROM SITE: SOUTHEAST | 6310 HOUSTON PLACE DUBLIN, CA 94568-3128 | ALAMEDA | NOT REPORTED UNDETERMINED | 1642 |
| 08005001640 01-0072 | AMERICAN BUILDING COMPONENTS DISTANCE FROM SITE: 0.361 MILES DIRECTION FROM SITE: SOUTHEAST | 6253 DOUGHERTY ROAD DUBLIN, CA 94568-2637 | ALAMEDA | NOT REPORTED UNDETERMINED | 1640 |
| 08005002414 01-0929 | LUCKY STORES DISTANCE FROM SITE: 0.823 MILES DIRECTION FROM SITE: SOUTHWEST | 6300 CLARK AVE DUBLIN, CA 94568-3098 | ALAMEDA | NOT REPORTED UNDETERMINED | 2414 |
| 08005001992 01-0458 | CORWOOD CARWASH DISTANCE FROM SITE: 0.686 MILES DIRECTION FROM SITE: SOUTHWEST | 6973 VILLAGE PKWY DUBLIN, CA 94568-2405 | ALAMEDA | NOT REPORTED UNDETERMINED | 1992 |
| 08005002812 01-1379 | SHELL DISTANCE FROM SITE: 0.719 MILES DIRECTION FROM SITE: NORTHWEST | 7194 AMADOR VALLEY BLVD DUBLIN, CA 94568-2048 | ALAMEDA | NOT REPORTED UNDETERMINED | 2812 |
| 08005002485 01-1008 | MOBIL DISTANCE FROM SITE: 0.769 MILES DIRECTION FROM SITE: NORTHWEST | 7197 VILLAGE PKWY DUBLIN, CA 94568-2409 | ALAMEDA | NOT REPORTED UNDETERMINED | 2485 |
| 08005001680 01-0117 | ARCO DISTANCE FROM SITE: 0.784 MILES DIRECTION FROM SITE: NORTHWEST | 7249 VILLAGE PARKWAY DUBLIN, CA 94568-2029 | ALAMEDA | NOT REPORTED UNDETERMINED | 1680 |
| 08005002985 01-1585 | UNKNOWN DISTANCE FROM SITE: 0.805 MILES DIRECTION FROM SITE: SOUTHEAST | 6085 SCARLETT CT DUBLIN, CA 94568-3102 | ALAMEDA | NOT REPORTED UNDETERMINED | 2985 |
| 08005001915 01-0376 | CHEVRON DISTANCE FROM SITE: 0.808 MILES DIRECTION FROM SITE: SOUTHEAST | 5280 HOPYARD RD PLEASANTON, CA 94588-3308 | ALAMEDA | NOT REPORTED UNDETERMINED | 1915 |
| 08005002748 01-1309 | SCOTSMAN CO DISTANCE FROM SITE: 0.820 MILES DIRECTION FROM SITE: SOUTHEAST | 6055 SCARLETT CT DUBLIN, CA 94568-3102 | ALAMEDA | NOT REPORTED UNDETERMINED | 2748 |
| 08005002805 01-1372 | SHELL DISTANCE FROM SITE: 0.823 MILES DIRECTION FROM SITE: SOUTHEAST | 5251 HOPYARD RD PLEASANTON, CA 94588-3305 | ALAMEDA | NOT REPORTED UNDETERMINED | 2805 |
| 08005003028 01-1610 | UNOCAL DISTANCE FROM SITE: 0.850 MILES DIRECTION FROM SITE: SOUTHWEST | 7375 AMADOR VALLEY RD DUBLIN, CA 94568-2417 | ALAMEDA | NOT REPORTED UNDETERMINED | 3028 |
| 08005002030 01-0500 | DODGE PROPERTY DISTANCE FROM SITE: 0.890 MILES DIRECTION FROM SITE: SOUTHWEST | 7400 AMADOR VALLEY BLVD DUBLIN, CA 94568-2420 | ALAMEDA | NOT REPORTED UNDETERMINED | 2030 |

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA LEAKING UNDERGROUND STORAGE TANKS
(LUST - RADIUS SITES)

Dec 18, 1993

ERIIS Report #35978

| ERIIS ID FACILITY ID | FACILITY | ADDRESS | COUNTY | SUBSTANCE CASE TYPE | MAP ID |
|-------------------------|--|---|---------|------------------------------|--------|
| 06005001925 01-0386 | CHEVRON DISTANCE FROM SITE: 0.912 MILES DIRECTION FROM SITE: SOUTHWEST | 7420 DUBLIN BLVD DUBLIN, CA 94568-2416 | ALAMEDA | NOT REPORTED UNDETERMINED | 1925 |
| 06005002389 01-0900 | LEW DOTY CADILLAC DISTANCE FROM SITE: 0.949 MILES DIRECTION FROM SITE: SOUTHEAST | 5787 SCARLETT CT DUBLIN, CA 94568-3101 | ALAMEDA | NOT REPORTED UNDETERMINED | 2389 |
| 06005002492 01-1014 | MONTGOMERY WARD DISTANCE FROM SITE: 0.984 MILES DIRECTION FROM SITE: SOUTHWEST | 6900 AMADOR PLAZA RD DUBLIN, CA 94568-2384 | ALAMEDA | NOT REPORTED UNDETERMINED | 2492 |
| 06005002043 01-0514 | DUBLIN HONDA DISTANCE FROM SITE: 0.981 MILES DIRECTION FROM SITE: SOUTHWEST | 7099 AMADOR PLAZA RD DUBLIN, CA 94568-2388 | ALAMEDA | NOT REPORTED UNDETERMINED | 2043 |

ERIIS ENVIRONMENTAL DATA REPORT
 CALIFORNIA CALSITES
 (CALSITES - RADIUS SITES)

ERIIS Report #35978

Dec 16, 1993

| ERIIS ID. FACILITY ID. | FACILITY | ADDRESS | STATUS STATUS DATE | MAP ID |
|---------------------------|---|---|---|--------|
| 06040000639 01380002 | ACCURA-MED CORPORATION DISTANCE FROM SITE: 0.001 MILES DIRECTION FROM SITE: NORTHWEST | 6575 TRINITY CT DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 11/05/80 | 639 |
| 06040000556 01350110 | EKOHWERKS DISTANCE FROM SITE: 0.245 MILES DIRECTION FROM SITE: SOUTHWEST | 6486 SIERRA CT DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 05/06/80 | 556 |
| 06040000589 01380035 | MULTISONICS INC DISTANCE FROM SITE: 0.271 MILES DIRECTION FROM SITE: SOUTHWEST | 6444 SIERRA CT DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 04/24/80 | 589 |
| 06040000215 01280053 | HEXCEL MEDICAL PRODUCTS DISTANCE FROM SITE: 0.348 MILES DIRECTION FROM SITE: SOUTHEAST | 6700 SIERRA LN DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 07/23/80 | 215 |
| 06040000636 01370025 | BLALOCKS DISTANCE FROM SITE: 0.435 MILES DIRECTION FROM SITE: SOUTHEAST | 6398 DOUGHERTY RD PLEASANTON 94568 | NO FURTHER ACTION FOR DTSC 11/05/80 | 636 |
| 06040000713 01420038 | AMADOR VALLEY MOVING AND STORAGE DISTANCE FROM SITE: 0.480 MILES DIRECTION FROM SITE: SOUTHWEST | 6855 DUBLIN BLVD PLEASANTON 94568 | NO FURTHER ACTION FOR DTSC 11/05/80 | 713 |
| 06040000319 01320027 | W & M SUPPLY COMPANY (STE 18) DISTANCE FROM SITE: 0.521 MILES DIRECTION FROM SITE: SOUTHEAST | 6355 SCARLETT CT DUBLIN 94568 | PRELIMINARY ENDANGERMENT ASSESSMENT REQ - LOW 06/01/88 | 319 |
| 06040000549 01350102 | DIABLO ENGINE AND MACHINE DISTANCE FROM SITE: 0.521 MILES DIRECTION FROM SITE: SOUTHEAST | 6355 SCARLETT CT # 11 PLEASANTON 94568 | 11/05/80 | 549 |
| 06040001126 01730065 | STUCK SPRING COMPANY DISTANCE FROM SITE: 0.522 MILES DIRECTION FROM SITE: SOUTHEAST | 6351 SCARLETT CT PLEASANTON 94568 | NO FURTHER ACTION FOR DTSC 08/25/80 | 1126 |
| 06040000436 01340084 | NEO-TECH SPRING CORPORATION DISTANCE FROM SITE: 0.523 MILES DIRECTION FROM SITE: SOUTHEAST | 6349 SCARLETT CT DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 08/19/80 | 436 |
| 06040000071 01170042 | J P MONTGOMERY AND SON DISTANCE FROM SITE: 0.534 MILES DIRECTION FROM SITE: SOUTHEAST | 6319 SCARLETT CT DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 01/10/80 | 71 |
| 06040001264 01890008 | ADVANCE TECHNOLOGY ASSOCIATION DISTANCE FROM SITE: 0.558 MILES DIRECTION FROM SITE: SOUTHWEST | 6377 CLARK AVE PLEASANTON 94568 | NO FURTHER ACTION FOR DTSC 08/22/80 | 1264 |
| 06040001263 01890007 | DEMCO-DUBLIN ENGINEERING & MFG COMPANY DISTANCE FROM SITE: 0.569 MILES DIRECTION FROM SITE: NORTHWEST | 7263 ELBA CT DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 05/06/80 | 1263 |
| 06040000918 01500095 | RICH WATER INC DISTANCE FROM SITE: 0.687 MILES DIRECTION FROM SITE: SOUTHWEST | 7000 VILLAGE PKY PLEASANTON 94568 | NO FURTHER ACTION FOR DTSC 11/05/80 | 918 |

ERIS ENVIRONMENTAL DATA REPORT
 CALIFORNIA CALSITES
 (CALSITES - RADIUS SITES)

ERIS Report #35978

Dec 16, 1993

| ERIS ID. FACILITY ID. | FACILITY | ADDRESS | STATUS STATUS DATE | MAP ID |
|--------------------------|--|---------------------------------------|--|--------|
| 06040000957 01560001 | 1' OLD SHOPPE DISTANCE FROM SITE: 0.728 MILES DIRECTION FROM SITE: SOUTHWEST | 7108 VILLAGE PKY DUBLIN 94588 | NO FURTHER ACTION FOR DTSC 05/29/80 | 957 |
| 06040001000 01720038 | ESTLER'S OF DUBLIN DISTANCE FROM SITE: 0.790 MILES DIRECTION FROM SITE: NORTHWEST | 7301 VILLAGE PKY PLEASANTON 94588 | NO FURTHER ACTION FOR DTSC 11/05/80 | 1000 |
| 06040000822 01370010 | PERFORMANCE ENGINE & MANUFACTURING CO DISTANCE FROM SITE: 0.858 MILES DIRECTION FROM SITE: SOUTHWEST | 7088 COMMERCE CIR PLEASANTON 94588 | NO FURTHER ACTION FOR DTSC 08/11/80 | 622 |
| 06040000509 01350080 | GHIA CORPORATION DISTANCE FROM SITE: 0.872 MILES DIRECTION FROM SITE: SOUTHWEST | 7071 COMMERCE CIR PLEASANTON 94588 | NO FURTHER ACTION FOR DTSC 12/04/80 | 509 |
| 06040000483 01350009 | ENCOR INC DISTANCE FROM SITE: 0.882 MILES DIRECTION FROM SITE: SOUTHWEST | 7074 COMMERCE CIR PLEASANTON 94588 | NO FURTHER ACTION FOR DTSC 12/04/80 | 483 |

ERIIS GEOCODING

All sites on the Digital Custom Plotted Map and/or reported within the study radii are "point geocoded", i.e., each site is assigned a latitude/longitude value based on the actual location of the reported address. ERIIS point geocodes sites through a combination of address correction data processing, cross-database indexing, and proprietary geocoding software methods. The results are well worth the effort; point geocoding is simply the most accurate means of site location available today.

It is also the most demanding. Sites cannot be point geocoded if they do not have an accurate or complete street address. A facility listed at "Maple Avenue", for example, is not specific enough to point geocode. Similarly, although "451 Maple Avenue" appears to be both complete and accurate, the ERIIS geocoding system first scans Maple Avenue and finds that the valid address ranges are from 1500-6500. Because addresses such as these cannot be point geocoded, they can neither be plotted on the digital map nor reported by distance/direction from the study site.

Unfortunately, many of the addresses collected by Federal and State environmental agencies look like the examples above; they are incomplete and/or inaccurate. Does this mean that potentially relevant environmental threats are simply left out of the ERIIS Report? Certainly not.

Secondary Search Sites

ERIIS has designed a proprietary secondary search logic that specifically scans those records that could not be point geocoded. This search is done using additional site-specific geographic information including ZIP code(s), city name(s), and county name(s). The results of the secondary search, listed on the following pages, provides an added measure of security found only in an ERIIS Report.

Street Names Within The Study Radius

These secondary search sites require further review to accurately assess their proximity to the study site. To facilitate this review, ERIIS includes in each report an alphabetical list of streets that fall within the largest of the report radii. This convenient reference tool can be used to quickly and accurately cross-check the addresses of these secondary search sites.

The ASTM Standard Practice For Environmental Site Assessments

As stated in the recently published **Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E1527)** by the American Society for Testing and Materials (ASTM):

"For large databases with numerous facility records (such as RCRA hazardous waste generators and registered underground storage tanks), the records are not *practically reviewable* unless they can be obtained from the source agency in the smaller geographic area of zip code. (3.3.24)"

If your environmental assessment does not require a secondary search broader than ZIP code (i.e., using city and county names), ERIIS will customize your data search at no additional charge.

ERIS LIST OF STREETS IN THE RADIUS

ERIS Report #35978

Dec 18, 199

STREET NAME

12th St
5th St
9th St
Alene St
Allegheny Dr
Amador Plaza Road
Amador Valley Blvd
Amanda St
Ann Arbor Way
Ash Ct
Avon Ct
Bedford Way
Birch Ct
Brighton Dr
Bristol Road
Brookdale Ct
Burnham Way
Burton St
Callan St
Canterbury Lane
Cardiff Dr
Cardigan St
Cedar Lane
Clark Ave
Commerce Dr
Coral Way
Corinth Ct
Cotton Wood Cir
Cranford Lane
Cross Creek Cir
Crossridge Road
Darian Ct
De Frager Lane
Diana Lane
Doreen St
Dougherty Road
Dover Lane
Dublin Blvd
Duke Ct
Ebensburg Lane
Eden St
Elba Way
Elk Ct
Elm Ct
Emerald Ave
Erie Ct
Fir Ct
Flanders Way
Frederiksen Lane
Hastings Way
Hemlock St
Hickory Lane
Honey Ct
Hopyard Road
Horton Lane
Hyde Ct
I- 580
I- 580/I-680 RAMP
I- 680
Ione Way
Ironwood Ct
Jasmine Ct
Johnson Dr
Johnson Industrial Dr
King Way
Lancaster Ct
Langmuir Lane
Larkdale Ave
Lewis Ave
Lisa Ct
Mansfield Ave
Maple Dr
N Mariposa
S Mariposa
Monterey Dr
Newcastle Lane
Newport Ct
North Ave
Oak Ct
Onyx Pl
Owens Dr
Pearl Pl
Penn Dr
Pike Ct
Pine Ct
Pitt Ct
Poplar Way
Portage Road
Post Road
Prince Dr
Quail Creek Cir
Quartz Cir
Rosita Ct
Sage Ct
Sapphire St
Scarlett Ct
Shady Creek Road
Sheffield Lane
Sierra Ct
Slake Dr
Spencer Ct

ERIIS LIST OF STREETS IN THE RADIUS

ERIIS Report #35978

Dec 16, 1993

STREET NAME

Spruce Lane
Squirrel Creek Cir
Stagecoach Road
Sutton Lane
Tamarack Dr
Thames Ct
Topaz Cir
Tory Way
Trinity Ct
Turquoise St
Tyne Ct
Utica Ct
Ventura Dr
Village Pkwy
Wildwood Road
York Dr

ERIS ENVIRONMENTAL DATA REPORT
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
(CERCLIS)

ERIS Report #35978

Dec 16, 1993

| ERIS ID EPA ID | FACILITY | FACILITY ADDRESS | NPL STATUS INCIDENT CATEGORY |
|-----------------------------|---|---|--|
| 06001003110 CA915199020B | FEDERAL CORRECTION INSTITUTION | 5701 8TH ST CAMP PARKS DUBLIN, CA 94568 COUNTY: ALAMEDA | NOT ON THE NPL BLANK |
| | <u>SITE EVENT(S)</u> DISCOVERY | <u>COMPLETE DATE</u> 12/01/87 | <u>ACTION PRIORITY</u> BLANK |
| 06001003013 CA3210022130 | LAWRENCE LIVERMORE NATL LAB - CAMP PARKS | CAMP PARKS PLEASANTON, CA 94568-5000 COUNTY: ALAMEDA | NOT ON THE NPL BLANK |
| | <u>SITE EVENT(S)</u> DISCOVERY PRELIMINARY ASSESSMENT | <u>COMPLETE DATE</u> 05/01/88 08/18/92 | <u>ACTION PRIORITY</u> BLANK NO FURTHER ACTION |

**ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
(RCRIS - LARGE QUANTITY GENERATORS)**

Dec 16, 1993

ERIIS Report #35978

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES CODES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES |
|-----------------------------|---|---|--|
| 06007016908 CA9151990208 | USDOJ BP FEDERAL CORRECTION INSTITUTION | 6701 8TH ST CAMP PARKS DUBLIN, CA 94588 COUNTY: ALAMEDA | 2 Y LG QTY GEN |
| | <u>REPORTED WASTE CODES</u> FO03 FO05 | | |
| 06007006577 CAD981401854 | SHELL STATION #204-2277-0105 | 7194 AMADOR VLY/VILLAGE PKWY DUBLIN, CA 94588-2048 COUNTY: ALAMEDA | 1 Y LG QTY GEN |
| | <u>REPORTED WASTE CODES</u> D008 | | |
| 06007010391 CAD981689425 | PARKWAY BODY SHOP | 7130 VILLAGE PKY DUBLIN, CA 94588-2410 COUNTY: ALAMEDA | 3 Y LG QTY GEN |
| | <u>REPORTED WASTE CODES</u> D001 FO03 FO05 | | |
| 06007006605 CAD981402456 | SHELL STATION #204-2277-0204 | 11989 DUBLIN BLVD SAN RAMON RD DUBLIN, CA 94588-2834 COUNTY: ALAMEDA | 1 Y LG QTY GEN |
| | <u>REPORTED WASTE CODES</u> D008 | | |
| 06007016817 CA2570090157 | USAF SUNNYVALE AIR FORCE STATION | CAMP PARK PLEASANTON, CA 94588-5000 COUNTY: ALAMEDA | 0 Y LG QTY GEN |
| | <u>REPORTED WASTE CODES</u> | | |
| 06007016827 CA3210022130 | LAWRENCE LIVERMORE NATL LAB-CAMP PARKS | CAMP PARK PLEASANTON, CA 94588-5000 COUNTY: ALAMEDA | 5 N LG QTY GEN |
| | <u>FACILITY VIOLATIONS: GENERATOR REQUIREMENTS</u> <u>REPORTED WASTE CODES</u> D000 PO15 PO90 U151 U183 | | |
| 06007006618 CAD981402738 | SHELL STATION #204-8138-0501 | 3790 HOPYARD RD LOS POSITAS PLEASANTON, CA 94588-8507 COUNTY: ALAMEDA | 1 Y LG QTY GEN |
| | <u>REPORTED WASTE CODES</u> D008 | | |

ERIIS ENVIRONMENTAL DATA REPORT
RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM
(RCRIS - SMALL QUANTITY GENERATORS)

Dec 16, 1993

ERIIS Report #35978

| ERIIS ID EPA ID | FACILITY | ADDRESS | NO. REPORTED WASTES CODES RCRA COMPLIANT (Y/N) FACILITY ACTIVITIES |
|-------------------------------------|-----------------------|--|--|
| 06008006010 CAD981975899 | DUBLIN RECORDS CENTER | 6400 DIERA CT DUBLIN, CA 94588 COUNTY: ALAMEDA | 0 Y SM QTY GEN |
| <u>REPORTED WASTE CODES</u> | | | |
| 06008009680 CAD982429102 | PARK AVE CLEANERS | 7102 B DUBLIN BLVD DUBLIN, CA 94588 COUNTY: ALAMEDA | 1 Y SM QTY GEN |
| <u>REPORTED WASTE CODES</u> F002 | | | |
| 06008019024 CA0210490405 | USARMY AMSA ECS 30G | BLDG 730 CAMP PARKS PLEASANTON, CA 94588 COUNTY: ALAMEDA | 0 Y SM QTY GEN |
| <u>REPORTED WASTE CODES</u> | | | |

**ERIIS ENVIRONMENTAL DATA REPORT
EMERGENCY RESPONSE NOTIFICATION SYSTEM
(ERNS)**

Dec 16, 1993

ERIIS Report #35978

| ERIIS ID REPORT NUMBER SOURCE AGENCY | SPILL CITY, STATE, ZIP CODE SPILL COUNTY | DISCHARGER NAME ORGANIZATION ADDRESS | SPILL DATE MATERIAL(S) SPILLED QUANTITY SPILLED | MEDIA AFFECTED | | | | | WATER WAY AFFECTED |
|--|---|--|---|----------------|-------|-----|---------------|----------|-----------------------|
| | | | | LAND | WATER | AIR | GRND WATER | FACILITY | |
| 06002004000 92-5001 EPA REGION | DUBLIN, CA 94568 ALAMEDA | UNKNOWN NOT REPORTED | 07/10/92 DIESEL 75 GAL | Y | N | N | N | N | NA |
| LOCATION: WB I-580 WEST OF HACIENDA BLVD BIG RIG JACKKNIFED ON THE ROAD AND RUPTURED THE FUEL TANKS ACTION TAKEN: CHP TO CLEANUP MISCELLANEOUS: OTHER MATERIALS: SODIUM HYDROXIDE 45 GAL, PETROLEUM PRODUCTS 190 GAL | | | | | | | | | |
| 06002004457 92-5317 EPA REGION | DUBLIN, CA 94568 ALAMEDA | UNKNOWN NOT REPORTED | 07/29/92 UNKNOWN 37 UNK | Y | Y | N | N | N | NA |
| LOCATION: WB 580 AT NORTH FLYNN OFF RAMP DUMPING UNK MAT'L (2, 5 GAL AND 27 1-GAL CONTAINER) ACTION TAKEN: CONTRACTOR TO CLEANUP MISCELLANEOUS: * AGENCY NAME: TOXICS | | | | | | | | | |
| 06002006185 93-0859 EPA REGION | DUBLIN, CA 94568 ALAMEDA | UNKNOWN NOT REPORTED | 11/06/92 WHITE POWDER, UNK MATERIAL | Y | N | N | N | N | NA |
| LOCATION: TASAJARA RD AT FINDLEY DUMPED ON HIGHWAY ACTION TAKEN: CHP ON SCENE FOR CLEANUP | | | | | | | | | |
| 06002004984 92-5735 EPA REGION | PLEASANTON, CA 94588 ALAMEDA | UNKNOWN NOT REPORTED | 08/27/92 THOROGLAZE 5 GAL | N | Y | N | N | N | STORM WASH> DUBLIN |
| LOCATION: CANYON MEADOWS RD AND DUBLIN CANYON CLEANING CONTRUCTION TOOLS ACTION TAKEN: FD TO CLEANUP MISCELLANEOUS: will call texas air control board, texas water commission, harris cou nty pollution control and lepc | | | | | | | | | |
| 06002001284 92-2808 EPA REGION | DUBLIN, CA ALAMEDA | YELLOW FREIGHT LINES UNKNOWN | 03/05/92 DIESEL OIL 140 GAL | Y | Y | N | N | N | FLOOD CONTROL CHANNEL |
| LOCATION: SB I-680 S OF AMADOR VALLEY BLVD DESCRIPTION: YELLOW FREIGHT LINES BIG RIG BIG RIG/FUEL TANK RUPTURED ACTION TAKEN: RP HIRED CLEANUP CONTRACTOR | | | | | | | | | |

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA UNDERGROUND STORAGE TANKS
(UST)

Dec 16, 1993

ERIIS Report #35978

| ERIIS ID | FACILITY | BUSINESS DESCRIPTION | ADDRESS | COUNTY | NUMBER OF TANKS |
|-------------|-----------------------|----------------------|---|---------|-----------------|
| 06010000154 | CHEVRON | GASOLINE STATION | 7007 SAN RAMON VALLEY BLVD DUBLIN, CA 94568 | ALAMEDA | 3 |
| 06010000159 | DSRSD FIRE STATION #1 | FIREHOUSE | 7494 SONOHJE DR DUBLIN, CA 94568 | ALAMEDA | 2 |
| 06010000183 | VENEL J. TUMA | PERSONAL USE | 11878 DUBLIN GR DR DUBLIN, CA 94568 | ALAMEDA | 1 |
| 06010000182 | DUBLIN CIVIC CENTER | OTHER TYPE TANK | 100 CIVIC PLZ DUBLIN, CA 94568-2858 | ALAMEDA | 2 |
| 06010001443 | SANTA RITA SHELL | GASOLINE STATION | 8750 SANTA RITA RD PLEASANTON, CA 94588-3400 | ALAMEDA | 4 |

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA LEAKING UNDERGROUND STORAGE TANKS
(LUST)

Dec 16, 1993

ERIIS Report #35978

| ERIIS ID FACILITY ID | FACILITY | ADDRESS | COUNTY | SUBSTANCE CASE TYPE |
|-------------------------|-------------------------------|---|---------|------------------------------|
| 06005001924 01-0385 | CHEVRON | 7007 SAN RAMON VALLEY BLVD DUBLIN, CA 94568-3239 | ALAMEDA | NOT REPORTED UNDETERMINED |
| 06005002489 01-1011 | MOLLER PROPERTY | 5710 FOOTHILL RD PLEASANTON, CA 94588-9777 | ALAMEDA | NOT REPORTED UNDETERMINED |
| 06005001503 01-0466 | CASTLEWOOD COUNTRY CLUB | 707 COUNTRY CLUB CIRCLE PLEASANTON, CA | ALAMEDA | NOT REPORTED UNDETERMINED |
| 06005001999 01-0466 | CASTLEWOOD COUNTRY CLUB | 707 COUNTRY CLUB CIRCLE PLEASANTON, CA | ALAMEDA | NOT REPORTED UNDETERMINED |
| 06005002741 01-1301 | SANTA RITA REHABILITATION CTR | SANTA RITA RD PLEASANTON, CA | ALAMEDA | NOT REPORTED UNDETERMINED |
| 06005006808 01-0466 | CASTLEWOOD COUNTRY CLUB | 707 COUNTRTY CLUB CIRCLE PLEASANTON, CA | ALAMEDA | NOT REPORTED UNDETERMINED |

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA SOLID WASTE INFORMATION SYSTEM
(SWIS)

Dec 16, 1993

ERIIS Report #35978

| ERIIS ID SWIS ID | FACILITY | ADDRESS | CATEGORY | PERMIT DATE/ CLOSURE YEAR |
|---------------------------|------------------------------|--|----------|------------------------------|
| 08042000002 01-AA-0004 | WEST BEACH SANITARY LANDFILL | US NAVAL AIR STATION ALAMEDA COUNTY | LANDFILL | 03/08/78 1982 |

ERIIS ENVIRONMENTAL DATA REPORT
CALIFORNIA CALSITES
(CALSITES)

Dec 18, 1993

ERIIS Report #35978

| ERIIS ID. FACILITY ID. | FACILITY | ADDRESS | STATUS STATUS DATE |
|---------------------------|------------------|--------------------------------------|--|
| 06040001017 01720056 | ESLER'S CLEANERS | 2901 VILLAGE PARKWAY DUBLIN 94568 | NO FURTHER ACTION FOR DTSC 05/29/80 |
| 06040000597 01360044 | BRASS DECOR | 7515 SUTTON LN PLEASANTON 94568 | NO FURTHER ACTION FOR DTSC 10/20/80 |

APPENDIX C
LABORATORY REPORTS - 6560 TRINITY COURT

MBT Environmental
Laboratories

3083 Gold Canal Drive
Rancho Cordova
CA 95670
Phone 916/852-6600
Fax 916/852-7292



MBT Environmental Laboratories

Date: January 24, 1994
LP #: 8696

Joseph Krohn
McLaren/Hart Environmental Engineering
11101 White Rock Road
Rancho Cordova, CA 95670

Dear Mr. Krohn:

Enclosed are the laboratory results for the six samples submitted to MBT Environmental Laboratories on January 15, 1994, for the project *Trinity Properties*.

The analyses requested are:

EPA 418.1 (3 - Water) (2 - Soil)
EPA 8240 (4 - Water) (2 - Soil)
EPA 8270 (3 - Water)
Priority Pollutant Metals (3 - Water) (2 - Soil)

The report consists of the following sections:

1. A copy of the Chain-of-Custody
2. Quality Control Definitions and Report
3. Abbreviations and Comments
4. Analytical results

Unless otherwise instructed by you, samples will be disposed of two weeks from the date of this letter.

Thank you for choosing MBT Environmental Laboratories. We are looking forward to serving you in the future. Should you have any questions concerning this analytical report or the analytical methods employed, please do not hesitate to call.

Sincerely,

Shakoora Azimi
Laboratory Director, Principal Scientist



MBT Environmental Laboratories
 3083 Gold Canal Drive
 Rancho Cordova
 CA 95670
 Phone 916/852-6600
 Fax 916/852-7292

CHAIN OF CUSTODY RECORD

SEE SIDE 2 FOR COMPLETE INSTRUCTIONS

- Common Analytical Methods
- 413.1
 - 413.2 Long Method
 - 413.2 Short Method
 - 418.1 Long Method
 - 418.1 Short Method
 - 420.1
 - 502.2
 - 503E
 - 603.1
 - 524.2
 - 601.1
 - 602
 - 604
 - 608
 - 610
 - 624
 - 625
 - 8010
 - 8015
 - 8015 Mod.
 - 8020
 - 8021
 - 8040
 - 8080
 - 8100
 - 8150
 - 8240
 - 8270
 - 8310
 - Acidity
 - Alkalinity
 - BTEX
 - Chloride
 - CLP (see Side 2)
 - COD
 - Color
 - Conductivity
 - Corrosivity
 - Cyanide
 - Flashpoint
 - Fluoride
 - General Mineral
 - Hex. Chromium
 - 10⁶ Balance
 - Metals (write specific metal & method #)
 - Metals 6010*
 - Metals PP*
 - Metals Title 22:
 - TTL Level
 - STLC Level (see Side 2)
 - Nitrate
 - Nitrite
 - Odor
 - Org. Lead
 - Org. Mercury
 - Percent Moisture
 - Percent Solid
 - Perchlorate
 - pH
 - Phosphates
 - Phosphorus
 - Sulfate
 - Sulfides
 - TCLP:
 - VOA
 - Semivolatile Metals
 - Pesticide
 - TDS
 - Total Hardness
 - Total Solids
 - TPH/D
 - TPH/G
 - ISS
 - Turbidity
- * Specify Total or Dissolved

Ship To: MBT
 Address: _____

Project Name: TRINITY PROPERTIES
 Project Number: 01.06C1C69.024
 Project Location: (State) CA

FOR LABORATORY USE ONLY
 Laboratory Project #: 8696
 Storage Refrigerator ID: Z4-11
 Storage Freezer ID: _____

Sampler Name: MATTHEW ZIRCA
 Relinquished By: MATTHEW ZIRCA
 Relinquished By: _____

Signature: [Signature]
 Date/Time: 11/14/94 10:20
 Date/Time: _____

PPE Worn in Field: D
 Received By or Method of Shipment/Shipment I.D.: EXPRESS IT
 Received By or Method of Shipment/Shipment I.D.: _____
 Received By or Method of Shipment/Shipment I.D.: _____

Sample Disposal (check one)
 Laboratory Standard
 Other

Level of QC (see Side 2)
 1 2 3 4 5 6A
 6B 6C 6D 6E 7

Write in Analysis Method →

SAMPLE INFORMATION

| FOR LABORATORY USE ONLY Lab ID | Sample ID Number | Date | Time | Description | | Container(s) | | Matrix Type | Pres. Type | TAT | SBOAC | SSTC | TPH | PP METALS * |
|-----------------------------------|------------------|---------|------|-------------|-------|--------------|------|------------------|------------|-----|-------|------|-----|-------------|
| | | | | Locator | Depth | # | Type | | | | | | | |
| 18696-001 | 222916-19 | 11/3/94 | 1410 | TRIP BLANK | - | 4 | V | H ₂ O | HCl | 3 | X | | | |
| 2 | 222977-80 | | 1410 | MW-1 | | 4 | V | H ₂ O | HCl | 3 | X | | | |
| 3 | 222981-82 | | | | | 2 | A | H ₂ O | NP | 3 | | X | | |
| 4 | 222983-84 | | | | | 2 | A | H ₂ O | NP | 3 | | | X | |
| 5 | 222985 | | ↓ | | | 1 | O | H ₂ O | NP | 3 | | | | X |
| 6 | 222990-93 | | 1530 | MW-2 | | 4 | V | H ₂ O | HCl | 3 | X | | | |
| 7 | 222994-95 | | | | | 2 | A | H ₂ O | NP | 3 | | X | | |
| 8 | 222996-97 | | | | | 2 | A | H ₂ O | NP | 3 | | | X | |
| 9 | 223000 | | ↓ | | | 1 | C | H ₂ O | NP | 3 | | | | X |
| 10 | | | | | | | | | | | | | | |

Special Instructions/Comments: * LAB NEEDS TO FILTER METALS SAMPLES.

Container Types: A=1 Liter Amber B=Brass Tube G=Glass Jar O=Other LP POLY
 C=Cassette P=Polyethylene V=Voa Vial
 TAT (Analytical Turn Around Time)
 1 = 24 hours 2 = 48 hours
 3 = 1 week 4 = 2 weeks
 0 = Other

FOR LABORATORY USE ONLY Sample Condition Upon Receipt: Temp ok, SAMPLES INTACT, AIR BUBBLES (TRIP BLANK - 4 VIALS) 18

SEND DOCUMENTATION AND RESULTS TO (Check one):
 Project Manager/Office: JOE KROHN/RANCHO
 Client Name: _____
 Company: _____
 Address: _____
 Phone: _____ FAX: _____

QUALITY CONTROL DEFINITIONS

METHOD BLANK RESULTS: A method blank (MB) is a laboratory generated sample free of any contamination. The method blank assesses the degree to which the laboratory operations and procedures cause false-positive analytical results for your samples.

LABORATORY CONTROL SPIKES

The LCS Program:

The laboratory control spike is a well-characterized matrix (organic pure type II water for water samples and contamination-free sand for soil samples) which is spiked with certain target parameters, and analyzed in duplicate at approximately 5% of the sample load, in order to assure the accuracy and precision of the analytical method.

Control limits for accuracy and precision are different for different methods and may vary with the different sample matrices. They are based on laboratory average historical data and EPA limits which are approved by the Quality Assurance Department.

(CN8696)

QUALITY CONTROL REPORT

METHOD BLANK

Method: Modification A EPA 418.1
Units: mg/L (ppm)

Date Analyzed: 01/20/94
Date Extracted: 01/19/94
Batch Number: 940119-2002

| <u>Petroleum Fraction</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---|----------------------------|----------------------|
| Total Recoverable Petroleum Hydrocarbons | 0.20 | BRL |

(CN8696)

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 418.1 (Modification A)**

LP#: 8696

Spike Sample ID: LCS/LCSD W-49

Date Of Analysis: 01/19/94

Spike ID Code: W2-1937

Instrument #: Nicolet 205

Surrogate ID Code: NA

Batch #: 940117-2003

Matrix: Water Units: mg/L

| COMPOUNDS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|-----------|--------------|-------------|----------------------|-------------|--------------------------|-------------------|-------|-------------------|------|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP.+ SPIKE CONC. | SPIKE DUP. REC. % | RPD % | % REC. | RPD |
| TPH | 0 | 250 | 239 | 96 | 236 | 94 | 1 | 47-130 | ≤ 20 |

$$\begin{aligned} \text{Spike Recovery} &= d = ((c-a)/b) \times 100 \\ \text{Spike Duplicate Recovery} &= f = ((e-a)/b) \times 100 \\ \text{Relative Percent Difference} &= g = (|c-e|)/((c+e) \times .5) \times 100 \end{aligned}$$

QUALITY CONTROL REPORT

METHOD BLANK

Method: Modification A EPA 418.1
Units: mg/Kg (ppm)

Date Analyzed: 01/20/94
Date Extracted: 01/19/94
Batch Number: 940119-2003

| <u>Petroleum Fraction</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---|----------------------------|----------------------|
| Total Recoverable Petroleum Hydrocarbons | 5.0 | BRL |

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 418.1 (Modification A)**

LP#: 8696

Spike Sample ID: LCSS/LCSDS 45

Date Of Analysis: 01/18/94

Spike ID Code: W2-1937

Instrument #: Nicolet 205

Surrogate ID Code: NA

Batch #: 940117-0302

Matrix: Soil Units: mg/Kg

| COMPOUNDS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ADVISORY ACCEPTANCE LIMITS | |
|-----------|--------------|-------------|----------------------|-------------|---------------------------|-------------------|-------|----------------------------|------|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC. | SPIKE DUP. REC. % | RPD % | % REC. | RPD |
| TPH | 0 | 62.5 | 56.4 | 90 | 60.0 | 96 | 6 | 72-116 | ≤ 25 |

$$\begin{aligned} \text{Spike Recovery} &= d = ((c-a)/b) \times 100 \\ \text{Spike Duplicate Recovery} &= f = ((e-a)/b) \times 100 \\ \text{Relative Percent Difference} &= g = (|c-e| / ((c+e) \times .5)) \times 100 \end{aligned}$$



QUALITY CONTROL REPORT

METHOD BLANK

Method: EPA 8240 - Modified
 Units: ug/L (ppb)

Date Analyzed: 01/19/94

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---------------------------|------------------------|--------------------------|
| Chloromethane | 10 | BRL |
| Vinyl Chloride | 10 | BRL |
| Bromomethane | 10 | BRL |
| Chloroethane | 10 | BRL |
| Trichlorofluoromethane | 10 | BRL |
| Acetone | 25 | BRL |
| 1,1-Dichloroethene | 5 | BRL |
| Methylene Chloride | 5 | BRL |
| Carbon Disulfide | 5 | BRL |
| trans-1,2-Dichloroethene | 5 | BRL |
| 1,1-Dichloroethane | 5 | BRL |
| cis-1,2-Dichloroethene | 5 | BRL |
| Chloroform | 5 | BRL |
| 1,2-Dichloroethane | 5 | BRL |
| 2-Butanone | 25 | BRL |
| 1,1,1-Trichloroethane | 5 | BRL |
| Carbon Tetrachloride | 5 | BRL |
| Benzene | 5 | BRL |
| Trichloroethene | 5 | BRL |
| 1,2-Dichloropropane | 5 | BRL |
| Bromodichloromethane | 5 | BRL |
| 2-Chloroethylvinylether | 10 | BRL |
| trans-1,3-Dichloropropene | 5 | BRL |
| cis-1,3-Dichloropropene | 5 | BRL |
| 1,1,2-Trichloroethane | 5 | BRL |
| Dibromochloromethane | 5 | BRL |
| Bromoform | 5 | BRL |
| 4-Methyl-2-pentanone | 25 | BRL |
| Toluene | 5 | BRL |
| 2-Hexanone | 25 | BRL |
| Tetrachloroethene | 5 | BRL |
| Chlorobenzene | 5 | BRL |
| Ethylbenzene | 5 | BRL |
| m & p Xylene | 5 | BRL |
| o-Xylene | 5 | BRL |
| Styrene | 5 | BRL |
| 1,1,2,2-Tetrachloroethane | 5 | BRL |
| 1,3-Dichlorobenzene | 5 | BRL |
| 1,4-Dichlorobenzene | 5 | BRL |
| 1,2-Dichlorobenzene | 5 | BRL |
| <u>Surrogate</u> | <u>% Recovery</u> | <u>Acceptance Limits</u> |
| 1,2-Dichloroethane-D4 | 90 | 76 - 114 |
| Toluene-D8 | 105 | 88 - 110 |
| Bromofluorobenzene | 100 | 86 - 115 |



QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 8240**

LP: 8696

Batch #: NA

Date Of Analysis: 01/19/94

Spike Sample ID: LCS/LCSD W97

Column: Capillary

Spike ID Code: W3-1410

Instrument #: MS02

Surrogate ID Code: W3-1452

Matrix: Water Units: ug/L

| COMPOUNDS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|----------------------|--------------|-------------|----------------------|-------------|---------------------------|------------------|-------|-------------------|-----|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC. | SPIKE DUP. REC.% | RPD % | % REC | RPD |
| 1,1 - Dichloroethene | 0 | 50.00 | 41.90 | 83 | 46.20 | 92 | 10 | 61 - 145 | ≤14 |
| Trichloroethene | 0 | 50.00 | 54.40 | 109 | 50.80 | 102 | 6 | 71 - 120 | ≤14 |
| Benzene | 0 | 50.00 | 47.70 | 95 | 49.70 | 99 | 4 | 76 - 127 | ≤11 |
| Toluene | 0 | 50.00 | 51.20 | 102 | 51.50 | 103 | 0 | 76 - 125 | ≤13 |
| Chlorobenzene | 0 | 50.00 | 49.10 | 98 | 50.30 | 101 | 3 | 75 - 130 | ≤13 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|d-f|)/((d+f) \times .5) \times 100$$

| SURROGATE COMPOUNDS | (h) | (i) | (j) | (k) | (l) | ACCEPTANCE LIMITS |
|---------------------------|-----------------------|--------------------------------|----------------------|------------------------------------|--------------------------|-------------------|
| | SURROGATE SPIKE CONC. | SAMPLE + SURROGATE SPIKE CONC. | SURROGATE RECOVERY % | SAMPLE DUP + SURROGATE SPIKE CONC. | SURROGATE DUP RECOVERY % | % REC |
| 1,2 - Dichloroethane - d4 | 50.00 | 43.22 | 86 | 47.81 | 96 | 76 - 114 |
| Toluene - d8 | 50.00 | 51.99 | 104 | 51.79 | 104 | 88 - 110 |
| Bromofluorobenzene | 50.00 | 49.84 | 100 | 51.63 | 103 | 86 - 115 |

$$\text{Surrogate \% Recovery} = j = (i/h) \times 100$$

$$\text{Surrogate Dup \% Recovery} = l = (k/h) \times 100$$



QUALITY CONTROL REPORT

METHOD BLANK

Method: EPA 8240 - Low Level Modified
 Units: ug/Kg (ppb)

Date Analyzed: 01/19/94

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---------------------------|------------------------|--------------------------|
| Chloromethane | 10 | BRL |
| Vinyl Chloride | 10 | BRL |
| Bromomethane | 10 | BRL |
| Chloroethane | 10 | BRL |
| Trichlorofluoromethane | 10 | BRL |
| Acetone | 25 | BRL |
| 1,1-Dichloroethene | 5 | BRL |
| Methylene chloride | 5 | BRL |
| Carbon disulfide | 5 | BRL |
| trans-1,2-Dichloroethene | 5 | BRL |
| 1,1-Dichloroethane | 5 | BRL |
| cis-1,2-Dichloroethene | 5 | BRL |
| Chloroform | 5 | BRL |
| 1,2-Dichloroethane | 5 | BRL |
| 2-Butanone | 25 | BRL |
| 1,1,1-Trichloroethane | 5 | BRL |
| Carbon Tetrachloride | 5 | BRL |
| Benzene | 5 | BRL |
| Trichloroethene | 5 | BRL |
| 1,2-Dichloropropane | 5 | BRL |
| Bromodichloromethane | 5 | BRL |
| 2-Chloroethylvinylether | 10 | BRL |
| trans-1,3-Dichloropropene | 5 | BRL |
| cis-1,3-Dichloropropene | 5 | BRL |
| 1,1,2-Trichloroethane | 5 | BRL |
| Dibromochloromethane | 5 | BRL |
| Bromoform | 5 | BRL |
| 4-Methyl-2-pentanone | 25 | BRL |
| Toluene | 5 | BRL |
| 2-Hexanone | 25 | BRL |
| Tetrachloroethene | 5 | BRL |
| Chlorobenzene | 5 | BRL |
| Ethylbenzene | 5 | BRL |
| m & p Xylene | 5 | BRL |
| o-Xylene | 5 | BRL |
| Styrene | 5 | BRL |
| 1,1,2,2-Tetrachloroethane | 5 | BRL |
| 1,3-Dichlorobenzene | 5 | BRL |
| 1,4-Dichlorobenzene | 5 | BRL |
| 1,2-Dichlorobenzene | 5 | BRL |
| <u>Surrogate</u> | <u>% Recovery</u> | <u>Acceptance Limits</u> |
| 1,2-Dichloroethane-D4 | 96 | 70 - 121 |
| Toluene-D8 | 102 | 81 - 117 |
| Bromofluorobenzene | 95 | 74 - 121 |



QUALITY CONTROL REPORT

METHOD BLANK

Method: EPA 8240 - Low Level Modified
 Units: ug/Kg (ppb)

Date Analyzed: 01/20/94

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---------------------------|------------------------|--------------------------|
| Chloromethane | 10 | BRL |
| Vinyl Chloride | 10 | BRL |
| Bromomethane | 10 | BRL |
| Chloroethane | 10 | BRL |
| Trichlorofluoromethane | 10 | BRL |
| Acetone | 25 | BRL |
| 1,1-Dichloroethene | 5 | BRL |
| Methylene chloride | 5 | BRL |
| Carbon disulfide | 5 | BRL |
| trans-1,2-Dichloroethene | 5 | BRL |
| 1,1-Dichloroethane | 5 | BRL |
| cis-1,2-Dichloroethene | 5 | BRL |
| Chloroform | 5 | BRL |
| 1,2-Dichloroethane | 5 | BRL |
| 2-Butanone | 25 | BRL |
| 1,1,1-Trichloroethane | 5 | BRL |
| Carbon Tetrachloride | 5 | BRL |
| Benzene | 5 | BRL |
| Trichloroethene | 5 | BRL |
| 1,2-Dichloropropane | 5 | BRL |
| Bromodichloromethane | 5 | BRL |
| 2-Chloroethylvinylether | 10 | BRL |
| trans-1,3-Dichloropropene | 5 | BRL |
| cis-1,3-Dichloropropene | 5 | BRL |
| 1,1,2-Trichloroethane | 5 | BRL |
| Dibromochloromethane | 5 | BRL |
| Bromoform | 5 | BRL |
| 4-Methyl-2-pentanone | 25 | BRL |
| Toluene | 5 | BRL |
| 2-Hexanone | 25 | BRL |
| Tetrachloroethene | 5 | BRL |
| Chlorobenzene | 5 | BRL |
| Ethylbenzene | 5 | BRL |
| m & p Xylene | 5 | BRL |
| o-Xylene | 5 | BRL |
| Styrene | 5 | BRL |
| 1,1,2,2-Tetrachloroethane | 5 | BRL |
| 1,3-Dichlorobenzene | 5 | BRL |
| 1,4-Dichlorobenzene | 5 | BRL |
| 1,2-Dichlorobenzene | 5 | BRL |
| <u>Surrogate</u> | <u>% Recovery</u> | <u>Acceptance Limits</u> |
| 1,2-Dichloroethane-D4 | 98 | 70 - 121 |
| Toluene-D8 | 96 | 81 - 117 |
| Bromofluorobenzene | 102 | 74 - 121 |



QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 8240**

LP: 8696

Batch #: NA

Date Of Analysis: 01/14/94^a

Spike Sample ID: LCS/LCSDS-130

Column: Capillary

Spike ID Code: W3-1410

Instrument #: MS04

Surrogate ID Code: W3-1430

Matrix: Soil Units: ug/Kg

| COMPOUNDS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|----------------------|--------------|-------------|----------------------|-------------|---------------------------|------------------|-------|-------------------|-----|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC. | SPIKE DUP. REC.% | RPD % | % REC | RPD |
| 1,1 - Dichloroethene | 0 | 50.00 | 41.40 | 82 | 42.20 | 84 | 2 | 59 - 172 | ≤22 |
| Trichloroethene | 0 | 50.00 | 53.60 | 107 | 52.70 | 105 | 1 | 62 - 137 | ≤24 |
| Benzene | 0 | 50.00 | 52.90 | 106 | 52.20 | 104 | 1 | 66 - 142 | ≤21 |
| Toluene | 0 | 50.00 | 50.40 | 101 | 48.80 | 97 | 4 | 59 - 139 | ≤21 |
| Chlorobenzene | 0 | 50.00 | 52.30 | 105 | 51.70 | 103 | 1 | 60 - 133 | ≤21 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|d-f|)/((d+f) \times .5) \times 100$$

| SURROGATE COMPOUNDS | (h) | (i) | (j) | (k) | (l) | ACCEPTANCE LIMITS |
|---------------------------|-----------------------|--------------------------------|----------------------|------------------------------------|--------------------------|-------------------|
| | SURROGATE SPIKE CONC. | SAMPLE + SURROGATE SPIKE CONC. | SURROGATE RECOVERY % | SAMPLE DUP + SURROGATE SPIKE CONC. | SURROGATE DUP RECOVERY % | |
| 1,2 - Dichloroethane - d4 | 50.00 | 48.85 | 98 | 49.00 | 98 | 70 - 121 |
| Toluene - d8 | 50.00 | 48.86 | 98 | 48.22 | 96 | 81 - 117 |
| Bromofluorobenzene | 50.00 | 48.02 | 96 | 48.96 | 98 | 74 - 121 |

$$\text{Surrogate \% Recovery} = j = (i/h) \times 100$$

$$\text{Surrogate Dup \% Recovery} = l = (k/h) \times 100$$

^a LCSD was analyzed on 01/15/94.



QUALITY CONTROL REPORT

METHOD BLANK

Method: EPA 8270 - Modified
 Units: ug/L (ppb)

Date Analyzed: 01/20/94
 Date Extracted: 01/18/94
 Batch Number: 940118-2002

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|-----------------------------|------------------------|----------------------|
| Phenol | 10 | BRL |
| Bis(2-Chloroethyl)ether | 10 | BRL |
| 2-Chlorophenol | 10 | BRL |
| 1,3-Dichlorobenzene | 10 | BRL |
| 1,4-Dichlorobenzene | 10 | BRL |
| Benzyl alcohol | 10 | BRL |
| 2-Methylphenol | 10 | BRL |
| 1,2-Dichlorobenzene | 10 | BRL |
| Bis(2-Chloroisopropyl)ether | 10 | BRL |
| 4-Methylphenol | 10 | BRL |
| N-Nitrosodi-n-propylamine | 10 | BRL |
| Hexachloroethane | 10 | BRL |
| Nitrobenzene | 10 | BRL |
| Isophorone | 10 | BRL |
| 2,4-Dimethylphenol | 10 | BRL |
| 1,2,4-Trichlorobenzene | 10 | BRL |
| 2-Nitrophenol | 10 | BRL |
| Benzoic acid | 50 | BRL |
| Bis(2-Chloroethoxy)methane | 10 | BRL |
| 2,4-Dichlorophenol | 10 | BRL |
| Naphthalene | 10 | BRL |
| 4-Chloroaniline | 10 | BRL |
| Hexachlorobutadiene | 10 | BRL |
| 4-Chloro-3-methylphenol | 10 | BRL |
| 2-Methylnaphthalene | 10 | BRL |
| Hexachlorocyclopentadiene | 10 | BRL |
| 2,4,6-Trichlorophenol | 10 | BRL |
| 2,4,5-Trichlorophenol | 10 | BRL |
| 2-Chloronaphthalene | 10 | BRL |
| 3-Nitroaniline | 50 | BRL |
| Dimethylphthalate | 10 | BRL |
| 2,6-Dinitrotoluene | 10 | BRL |
| Acenaphthylene | 10 | BRL |
| 2-Nitroaniline | 50 | BRL |
| Acenaphthene | 10 | BRL |
| 2,4-Dinitrophenol | 50 | BRL |
| 4-Nitrophenol | 50 | BRL |
| 2,4-Dinitrotoluene | 10 | BRL |
| Dibenzofuran | 10 | BRL |
| Diethylphthalate | 10 | BRL |
| alpha-BHC | 10 | BRL |
| 4-Chlorophenyl phenyl ether | 10 | BRL |

QUALITY CONTROL REPORT

Method: EPA 8270 - Modified (Continued)

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|----------------------------|------------------------|--------------------------|
| Fluorene | 10 | BRL |
| 4-Nitroaniline | 50 | BRL |
| 4,6-Dinitro-2-methylphenol | 50 | BRL |
| N-Nitrosodiphenylamine | 10 | BRL |
| 4-Bromophenyl phenyl ether | 10 | BRL |
| beta-BHC | 10 | BRL |
| Lindane | 10 | BRL |
| Hexachlorobenzene | 10 | BRL |
| Pentachlorophenol | 50 | BRL |
| Phenanthrene | 10 | BRL |
| Anthracene | 10 | BRL |
| Delta-BHC | 10 | BRL |
| Heptachlor | 10 | BRL |
| Aldrin | 10 | BRL |
| Endrin | 10 | BRL |
| Butyl benzyl phthalate | 10 | BRL |
| Fluoranthene | 10 | BRL |
| Heptachlor epoxide | 10 | BRL |
| Pyrene | 10 | BRL |
| Dieldrin | 10 | BRL |
| 4,4'-DDE | 10 | BRL |
| Endosulfan sulfate | 10 | BRL |
| 4,4'-DDT | 10 | BRL |
| 4,4'-DDD | 10 | BRL |
| Di-n-butylphthalate | 10 | BRL |
| 3,3'-Dichlorobenzidine | 20 | BRL |
| Benzo(a)anthracene | 10 | BRL |
| Bis(2-Ethylhexyl)phthalate | 10 | BRL |
| Chrysene | 10 | BRL |
| Di-n-octylphthalate | 10 | BRL |
| Benzo(b)fluoranthene | 10 | BRL |
| Benzo(k)fluoranthene | 10 | BRL |
| Benzo(a)pyrene | 10 | BRL |
| Indeno(1,2,3-c,d)pyrene | 10 | BRL |
| Dibenz(a,h)anthracene | 10 | BRL |
| Benzo(g,h,i)perylene | 10 | BRL |
| <u>Surrogate</u> | <u>% Recovery</u> | <u>Acceptance Limits</u> |
| 2-Fluorophenol | 80 | 21 - 110 |
| Phenol-d5 | 60 | 10 - 110 |
| Nitrobenzene-d5 | 99 | 35 - 114 |
| 2-Fluorobiphenyl | 96 | 43 - 116 |
| 2,4,6-Tribromophenol | 104 | 10 - 123 |
| Terphenyl-d14 | 117 | 33 - 141 |

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 8270 - BNA**

LP: 8696

Batch #: 940113-0302

Date Of Analysis: 01/17/94

Spike Sample ID: LCS/LCSDW-78

Column: Capillary

Spike ID Code: W3-1336

Instrument #: MS01

Surrogate ID Code: W3-1372

Matrix: Water Units: ug/L

| COMPOUNDS | (a) SAMPLE CONC. | (b) SPIKE CONC. | (c) SAMPLE + SPIKE CONC. | (d) SPIKE REC.% | (e) SAMPLE DUP. + SPIKE CONC. | (f) SPIKE DUP. REC.% | (g) RPD % | ACCEPTANCE LIMITS | |
|----------------------------|------------------------|-----------------------|--------------------------------------|-----------------------|--|-------------------------------|-----------------|----------------------|-----|
| | | | | | | | | % REC | RPD |
| Phenol | 0 | 75.00 | 24.20 | 32 | 22.30 | 29 | 9 | 12 - 110 | ≤42 |
| 2 - Chlorophenol | 0 | 75.00 | 57.30 | 76 | 57.60 | 76 | 0 | 27 - 123 | ≤40 |
| 1,4-Dichlorobenzene | 0 | 50.00 | 34.10 | 68 | 35.60 | 71 | 4 | 36 - 97 | ≤28 |
| N-Nitroso-di-n-propylamine | 0 | 50.00 | 43.40 | 86 | 43.70 | 87 | 1 | 41 - 116 | ≤38 |
| 1,2,4-Trichlorobenzene | 0 | 50.00 | 35.10 | 70 | 34.60 | 69 | 1 | 39 - 98 | ≤28 |
| 4-Chloro-3-methylphenol | 0 | 75.00 | 65.60 | 87 | 63.30 | 84 | 3 | 23 - 97 | ≤42 |
| Acenaphthene | 0 | 50.00 | 41.30 | 82 | 42.90 | 85 | 3 | 46 - 118 | ≤31 |
| 4-Nitrophenol | 0 | 75.00 | 27.90 | 37 | 24.60 | 32 | 14 | 10 - 80 | ≤50 |
| 2,4-Dinitrotoluene | 0 | 50.00 | 43.90 | 87 | 46.40 | 92 | 5 | 24 - 96 | ≤38 |
| Pentachlorophenol | 0 | 75.00 | 90.80 | 121 ^a | 92.90 | 124 ^a | 2 | 9 - 103 | ≤50 |
| Pyrene | 0 | 50.00 | 41.70 | 83 | 42.00 | 84 | 1 | 26 - 127 | ≤31 |

Spike Recovery = d = ((c-a)/b) x 100

Spike Duplicate Recovery = f = ((e-a)/b) x 100

Relative Percent Difference = g = (|d-f|)/((d+f) x .5) x 100

| SURROGATE COMPOUNDS | (h) SURROGATE SPIKE CONC. | (i) SAMPLE + SURROGATE SPIKE CONC. | (j) SURROGATE RECOVERY % | (k) SAMPLE DUP + SURROGATE SPIKE CONC. | (l) SURROGATE DUP RECOVERY % | ACCEPTANCE LIMITS |
|------------------------|---------------------------------|---|-----------------------------------|---|---------------------------------------|----------------------|
| | | | | | | % REC |
| 2 - Fluorophenol | 75.00 | 41.13 | 55 | 37.87 | 50 | 21 - 110 |
| Phenol - d5 | 75.00 | 25.77 | 34 | 22.65 | 30 | 10 - 110 |
| Nitrobenzene - d5 | 50.00 | 47.86 | 96 | 42.17 | 84 | 35 - 114 |
| 2-Fluorobiphenyl | 50.00 | 46.42 | 93 | 45.85 | 92 | 43 - 116 |
| 2,4,6 - Tribromophenol | 75.00 | 81.94 | 109 | 83.56 | 111 | 10 - 123 |
| Terphenyl - d14 | 50.00 | 58.70 | 117 | 55.33 | 111 | 33 - 141 |

Surrogate % Recovery = j = (i/h) x 100

Surrogate Dup % Recovery = l = (k/h) x 100

^a The LCS recoveries are beyond advisory acceptance limits. The calibration data associated with this laboratory project for the same instrument on the same day were within acceptance limits.



QUALITY CONTROL REPORT

METHOD BLANK

Method: Priority Pollutant Metals
Units: ug/L (ppb)

Date Analyzed: 01/20/94^a
Date Digested: 01/20/94^b
Batch Number: 940120-4301^b

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---------------------|----------------------------|----------------------|
| Antimony (Sb)/6010 | 50 | BRL |
| Arsenic (As)/7060 | 10 | BRL |
| Beryllium (Be)/6010 | 5 | BRL |
| Cadmium (Cd)/6010 | 10 | BRL |
| Chromium (Cr)/6010 | 10 | BRL |
| Copper (Cu)/6010 | 20 | BRL |
| Lead (Pb)/7421 | 3 | BRL |
| Mercury (Hg)/7470 | 0.2 | BRL |
| Nickel (Ni)/6010 | 20 | BRL |
| Selenium (Se)/7740 | 5 | BRL |
| Silver (Ag)/6010 | 10 | BRL |
| Thallium (Tl)/7841 | 10 | BRL |
| Zinc (Zn)/6010 | 20 | BRL |

^a Applies to all metals except Arsenic and Mercury. Arsenic was analyzed on 01/21/94. Mercury was analyzed on 01/18/94.

^b Applies to all metals except Arsenic, Selenium, Lead, and Thallium, which were digested on 01/20/94, Batch # 940120-4302; and Mercury, which was digested on 01/18/94, Batch # 940118-2202.

QUALITY CONTROL REPORT

Laboratory Control Sample/Laboratory Control Sample Duplicate Metals

LP: 8696

Instrument #: ICP1

Date of Analysis: 01/20/94

Spike Sample ID: LCS/LCSDW

Date of Digestion: 01/20/94

Spike ID Code: W4-5444, 4-1582

Batch #: 940120-4301

Matrix: Water Units: ug/L

| METALS | (a) SAMPLE CONC. | (b) SPIKE CONC. | (c) SAMPLE + SPIKE CONC. | (d) SPIKE REC.% | (e) SAMPLE DUP. + SPIKE CONC. | (f) SPIKE DUP. REC.% | (g) RPD % | ACCEPTANCE LIMITS | |
|--------|---------------------|--------------------|-----------------------------|--------------------|----------------------------------|-------------------------|--------------|-------------------|-----|
| | | | | | | | | REC% | RPD |
| Sb | 0 | 500 | 502 | 100 | 489 | 98 | 3 | 80 - 120 | ≤20 |
| Bc | 0 | 50 | 54 | 108 | 53 | 106 | 2 | 80 - 120 | ≤20 |
| Cd | 0 | 50 | 55 | 110 | 53 | 106 | 4 | 80 - 120 | ≤20 |
| Cr | 0 | 200 | 209 | 104 | 206 | 103 | 1 | 80 - 120 | ≤20 |
| Cu | 0 | 250 | 263 | 105 | 257 | 103 | 2 | 80 - 120 | ≤20 |
| Ni | 0 | 500 | 524 | 105 | 511 | 102 | 3 | 80 - 120 | ≤20 |
| Ag | 0 | 50 | 50 | 100 | 45 | 90 | 11 | 80 - 120 | ≤20 |
| Zn | 0 | 500 | 512 | 102 | 504 | 101 | 2 | 80 - 120 | ≤20 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|c-e|)/((c+e) \times .5) \times 100$$



QUALITY CONTROL REPORT

Laboratory Control Sample/Laboratory Control Sample Duplicate Metals

LP: 8696

Instrument #: PE5100/TJA4000

Date of Analysis: 01/20/94^a

Spike Sample ID: LCS/LCSDW

Date of Digestion: 01/20/94

Spike ID Code: W4-5510

Batch #: 940120-4302

Matrix: Water Units: ug/L

| METALS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|--------|--------------|-------------|----------------------|-------------|---------------------------|------------------|-------|-------------------|-----|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC. | SPIKE DUP. REC.% | RPD % | REC% | RPD |
| As | 0 | 40.0 | 42.3 | 106 | 43.0 | 106 | 0 | 80 - 120 | ≤20 |
| Pb | 0 | 20.0 | 21.1 | 106 | 21.4 | 107 | 1 | 80 - 120 | ≤20 |
| Se | 0 | 10.0 | 10.0 | 100 | 11.3 | 113 | 13 | 80 - 120 | ≤20 |
| Tl | 0 | 50.0 | 52.3 | 105 | 52.7 | 105 | 0 | 80 - 120 | ≤20 |

Spike Recovery = d = ((c-a)/b) x 100

Spike Duplicate Recovery = f = ((e-a)/b) x 100

Relative Percent Difference = g = (|c-e|)/((c+e) x .5) x 100

^a Applies to all metals except As, which was analyzed on 01/21/94.

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Metals**

LP: 8696

Instrument #: PS200

Date of Analysis: 01/18/94

Spike Sample ID: LCS/LCSDW

Date of Digestion: 01/18/94

Spike ID Code: W4-5669

Batch #: 940118-2202

Matrix: Water Units: ug/L

| METALS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|--------|--------------|-------------|----------------------|-------------|--------------------------|------------------|-------|-------------------|-----|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC | SPIKE DUP. REC.% | RPD % | REC% | RPD |
| Hg | 0 | 1.00 | 1.14 | 114 | 1.08 | 108 | 6 | 80 - 120 | ≤20 |

Spike Recovery = d = ((c-a)/b) x 100

Spike Duplicate Recovery = f = ((e-a)/b) x 100

Relative Percent Difference = g = (|c-e|)/((c+e) x .5) x 100

QUALITY CONTROL REPORT

**Matrix Spike
Metals**

LP: 8696

Instrument #: ICP1

Date of Analysis: 01/20/94

Spike Sample ID: 8696-002MS

Date of Digestion: 01/20/94

Spike ID Code: W4-5444, 4-1582

Batch #: 940120-4301

Matrix: Water Units: ug/L

| METALS | (a) SAMPLE CONC. | (b) SPIKE CONC. | (c) SAMPLE + SPIKE CONC. | (d) SPIKE REC.% | (e) SAMPLE DUP. + SPIKE CONC. | (f) SPIKE DUP. REC.% | (g) RPD % | ACCEPTANCE LIMITS | |
|--------|------------------------|-----------------------|--------------------------------------|-----------------------|--|-------------------------------|-----------------|----------------------|-----|
| | | | | | | | | REC% | RPD |
| Sb | 0 | 500 | 430 | 86 | NA | NA | NA | 80 - 120 | ≤20 |
| Be | 0 | 50 | 45 | 90 | NA | NA | NA | 80 - 120 | ≤20 |
| Cd | 0 | 50 | 48 | 96 | NA | NA | NA | 80 - 120 | ≤20 |
| Cr | 0 | 200 | 180 | 90 | NA | NA | NA | 80 - 120 | ≤20 |
| Cu | 0 | 250 | 230 | 92 | NA | NA | NA | 80 - 120 | ≤20 |
| Ni | 0 | 500 | 430 | 86 | NA | NA | NA | 80 - 120 | ≤20 |
| Ag | 0 | 50 | 44 | 88 | NA | NA | NA | 80 - 120 | ≤20 |
| Zn | 0 | 500 | 440 | 88 | NA | NA | NA | 80 - 120 | ≤20 |

Spike Recovery = d = ((c-a)/b) x 100
 Spike Duplicate Recovery = f = ((e-a)/b) x 100
 Relative Percent Difference = g = (|c-e|)/((c+e) x .5) x 100



QUALITY CONTROL REPORT

**Matrix Spike
Metals**

LP: 8696

Instrument #: PE5100/TJA4000

Date of Analysis: 01/20/94^a

Spike Sample ID: 8696-002MS

Date of Digestion: 01/20/94

Spike ID Code: W4-5510

Batch #: 940120-4302

Matrix: Water Units: ug/L

| METALS | (a) SAMPLE CONC. | (b) SPIKE CONC. | (c) SAMPLE + SPIKE CONC. | (d) SPIKE REC.% | (e) SAMPLE DUP. + SPIKE CONC. | (f) SPIKE DUP. REC.% | (g) RPD % | ACCEPTANCE LIMITS | |
|--------|------------------------|-----------------------|--------------------------------------|-----------------------|--|-------------------------------|-----------------|----------------------|-----|
| | | | | | | | | REC% | RPD |
| As | 0 | 40.0 | 44.5 | 111 | NA | NA | NA | 80 - 120 | ≤20 |
| Pb | 0 | 20.0 | 14.8 | 74 ^b | NA | NA | NA | 80 - 120 | ≤20 |
| Se | 0 | 10.0 | 7.5 | 75 ^b | NA | NA | NA | 80 - 120 | ≤20 |
| Tl | 0 | 50.0 | 6.4 | 13 ^b | NA | NA | NA | 80 - 120 | ≤20 |

Spike Recovery = d = ((c-a)/b) x 100

Spike Duplicate Recovery = f = ((e-a)/b) x 100

Relative Percent Difference = g = (|c-e|)/((c+e) x .5) x 100

^a Applies to all metals except As, which was analyzed on 01/21/94.

^b Matrix spike recovery is beyond advisory acceptance limits; however, the laboratory control sample data are acceptable.



QUALITY CONTROL REPORT

METHOD BLANK

Method: Priority Pollutant Metals
Units: mg/Kg (ppm)

Date Analyzed: 01/20/94^a
Date Digested: 01/18/94^b
Batch Number: 940118-4304^b

| <u>Analyte</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---------------------|----------------------------|----------------------|
| Antimony (Sb)/6010 | 2.5 | BRL |
| Arsenic (As)/7060 | 0.50 | BRL |
| Beryllium (Be)/6010 | 0.25 | BRL |
| Cadmium (Cd)/6010 | 0.50 | BRL |
| Chromium (Cr)/6010 | 1.0 | BRL |
| Copper (Cu)/6010 | 1.0 | BRL |
| Lead (Pb)/6010 | 2.5 | BRL |
| Mercury (Hg)/7471 | 0.10 | BRL |
| Nickel (Ni)/6010 | 1.0 | BRL |
| Selenium (Se)/7740 | 0.25 | BRL |
| Silver (Ag)/6010 | 1.0 | BRL |
| Thallium (Tl)/7841 | 0.50 | BRL |
| Zinc (Zn)/6010 | 1.0 | BRL |

^a Applies to all metals except Mercury and Thallium, which were analyzed on 01/19/94.

^b Applies to all metals except Arsenic, Selenium, and Thallium, which were digested on 01/18/94, Batch # 940118-4305; and Mercury, which was digested on 01/18/94, Batch # 940118-2203.

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Metals**

LP: 8696

Instrument #: ICP1

Date of Analysis: 01/20/94

Spike Sample ID: LCS/LCSDS

Date of Digestion: 01/18/94

Spike ID Code: W4-5444, 4-1582

Batch #: 940118-4304

Matrix: Soil Units: mg/Kg

| METALS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|--------|--------------|-------------|----------------------|-------------|--------------------------|------------------|-------|-------------------|-----|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC | SPIKE DUP. REC.% | RPD % | REC% | RPD |
| Sb | 0 | 25 | 24.1 | 96 | 24.2 | 97 | 0 | 75 - 125 | ≤20 |
| Be | 0 | 2.5 | 2.5 | 100 | 2.5 | 100 | 0 | 75 - 125 | ≤20 |
| Cd | 0 | 2.5 | 2.4 | 96 | 2.7 | 108 | 12 | 75 - 125 | ≤20 |
| Cr | 0 | 10 | 10.5 | 105 | 10.4 | 104 | 1 | 75 - 125 | ≤20 |
| Cu | 0 | 12.5 | 12.9 | 103 | 12.8 | 102 | 1 | 75 - 125 | ≤20 |
| Pb | 0 | 25 | 25.4 | 102 | 25.5 | 102 | 0 | 75 - 125 | ≤20 |
| Ni | 0 | 25 | 25.7 | 103 | 25.5 | 102 | 1 | 75 - 125 | ≤20 |
| Ag | 0 | 2.5 | 2.5 | 100 | 2.4 | 96 | 4 | 75 - 125 | ≤20 |
| Zn | 0 | 25 | 24.3 | 97 | 24.6 | 98 | 1 | 75 - 125 | ≤20 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|c-e|)/((c+e) \times .5) \times 100$$



QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Metals**

LP: 8696

Instrument #: PE5100

Date of Analysis: 01/20/94^a

Spike Sample ID: LCS/LCSDS

Date of Digestion: 01/19/94

Spike ID Code: W4-5510

Batch #: 940118-4305

Matrix: Soil Units: mg/Kg

| METALS | (a) SAMPLE CONC. | (b) SPIKE CONC. | (c) SAMPLE + SPIKE CONC. | (d) SPIKE REC.% | (e) SAMPLE DUP. + SPIKE CONC. | (f) SPIKE DUP. REC.% | (g) RPD % | ACCEPTANCE LIMITS | |
|--------|------------------------|-----------------------|--------------------------------------|-----------------------|--|-------------------------------|-----------------|----------------------|-----|
| | | | | | | | | REC% | RPD |
| As | 0 | 2.00 | 2.12 | 106 | 2.19 | 110 | 3 | 75 - 125 | ≤20 |
| Se | 0 | 0.500 | 0.590 | 118 | 0.615 | 123 | 3 | 75 - 125 | ≤20 |
| Tl | 0 | 2.50 | 2.58 | 103 | 2.64 | 1.06 | 3 | 75 - 125 | ≤20 |

Spike Recovery = d = ((c-a)/b) x 100

Spike Duplicate Recovery = f = ((e-a)/b) x 100

Relative Percent Difference = g = (|c-e|)/((c+e) x .5) x 100

^a Applies to all metals except Tl, which was analyzed on 01/19/94.



QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Metals**

LP: 8696

Instrument #: PS200

Date of Analysis: 01/19/94

Spike Sample ID: LCS/LCSDS

Date of Digestion: 01/18/94

Spike ID Code: W4-5669

Batch #: 940118-2203

Matrix: Soil Units: mg/Kg

| METALS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|--------|--------------|-------------|----------------------|-------------|---------------------------|------------------|-------|-------------------|-----|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC. | SPIKE DUP. REC.% | RPD % | REC% | RPD |
| Hg | 0 | 0.175 | 0.162 | 93 | 0.168 | 96 | 3 | 75 - 125 | ≤20 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|c-e|)/((c+e) \times .5) \times 100$$



ABBREVIATIONS USED IN THIS REPORT

| | |
|------|------------------------------------|
| BRL | Below Reporting Limit |
| MB | Method Blank |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| LCS | Laboratory Control Spike |
| LCSD | Laboratory Control Spike Duplicate |
| RPD | Relative Percent Difference |
| NS | Not Specified |
| NA | Not Applicable |

COMMENTS

Test methods may include minor modifications of published EPA methods (e.g., reporting limits or parameter lists). Reporting limits are adjusted to reflect dilution of the sample when appropriate. Solids and waste are analyzed with no correction made for moisture content.

Water samples for Priority Pollutant Metals were filtered and preserved in the laboratory. The results reported are for dissolved metals.

(CN8696)

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3510

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *MW-1*

Lab Project-ID Number: 8696-2

Sample Number: 222984

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Extracted: 01/19/94

Date Analyzed: 01/20/94

Batch Number: 940119-2002

| Petroleum Fraction | Concentration mg/L (ppm) | Reporting Limit mg/L (ppm) |
|--|-----------------------------|----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 0.20 |

Comments

The cover letter and enclosures are integral parts of this report.

Approved by: _____

Date: 1-24-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1

Preparation Method: Modification A EPA 3510

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *MW-2*

Lab Project-ID Number: 8696-3

Sample Number: 222997

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Extracted: 01/19/94

Date Analyzed: 01/20/94

Batch Number: 940119-2002

| Petroleum Fraction | Concentration mg/L (ppm) | Reporting Limit mg/L (ppm) |
|--|-----------------------------|----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 0.20 |

Comments

The cover letter and enclosures are integral parts of this report.

Approved by: *[Signature]*

Date: 1-24-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3510

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *MW-3*

Lab Project-ID Number: 8696-4

Sample Number: 222910

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Extracted: 01/19/94

Date Analyzed: 01/20/94

Batch Number: 940119-2002

| Petroleum Fraction | Concentration mg/L (ppm) | Reporting Limit mg/L (ppm) |
|--|-----------------------------|----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 0.20 |

Comments

The cover letter and enclosures are integral parts of this report.

Approved by: _____

Date: 1-24-94

PRIORITY POLLUTANT METALS

Preparation Method: EPA 3010 {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *MW-1*

Lab Project-ID Number: 8696-2

Sample Number: 222985

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Digested: 01/20/94

Batch Number: 940120-4301

| Analyte (Symbol)/EPA Method | Date Analyzed | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|---------------|--------------------------|----------------------------|
| Antimony (Sb)/6010 | 01/20/94 | BRL | 50 |
| Arsenic (As)/7060 | 01/21/94 | BRL | 10 |
| Beryllium (Be)/6010 | 01/20/94 | BRL | 5 |
| Cadmium (Cd)/6010 | 01/20/94 | BRL | 10 |
| Chromium (Cr)/6010 | 01/20/94 | BRL | 10 |
| Copper (Cu)/6010 | 01/20/94 | BRL | 20 |
| Lead (Pb)/7421 | 01/20/94 | BRL | 3 |
| Mercury (Hg)/7470 | 01/18/94 | 0.3 | 0.2 |
| Nickel (Ni)/6010 | 01/20/94 | BRL | 20 |
| Selenium (Se)/7740 | 01/20/94 | BRL | 5 |
| Silver (Ag)/6010 | 01/20/94 | BRL | 10 |
| Thallium (Tl)/7841 | 01/20/94 | BRL | 10 |
| Zinc (Zn)/6010 | 01/20/94 | BRL | 20 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Applies to all metals except Arsenic, Lead, Selenium, Thallium, and Mercury. EPA Method 3015 is used for Arsenic, EPA Method 3020 is used for Selenium, Lead, and Thallium digestion. EPA Method 7470 is used for Mercury digestion.

Date Digested and Batch # apply to all metals except Arsenic, Lead, Selenium, and Thallium, which were digested on 01/20/94, Batch # 940120-4302; and Mercury, which was digested on 01/18/94, Batch # 940118-2202.

Approved by: _____

KD

Date: _____

1-24-94

PRIORITY POLLUTANT METALS

Preparation Method: EPA 3010 {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *MW-3*

Lab Project-ID Number: 8696-4

Sample Number: 222913

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Digested: 01/20/94

Batch Number: 940120-4301

| Analyte (Symbol)/EPA Method | Date Analyzed | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|---------------|--------------------------|----------------------------|
| Antimony (Sb)/6010 | 01/20/94 | BRL | 50 |
| Arsenic (As)/7060 | 01/21/94 | BRL | 10 |
| Beryllium (Be)/6010 | 01/20/94 | BRL | 5 |
| Cadmium (Cd)/6010 | 01/20/94 | BRL | 10 |
| Chromium (Cr)/6010 | 01/20/94 | BRL | 10 |
| Copper (Cu)/6010 | 01/20/94 | BRL | 20 |
| Lead (Pb)/7421 | 01/20/94 | BRL | 3 |
| Mercury (Hg)/7470 | 01/18/94 | BRL | 0.2 |
| Nickel (Ni)/6010 | 01/20/94 | BRL | 20 |
| Selenium (Se)/7740 | 01/20/94 | BRL | 5 |
| Silver (Ag)/6010 | 01/20/94 | BRL | 10 |
| Thallium (Tl)/7841 | 01/20/94 | BRL | 10 |
| Zinc (Zn)/6010 | 01/20/94 | BRL | 20 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Applies to all metals except Arsenic, Lead, Selenium, Thallium, and Mercury. EPA Method 3015 is used for Arsenic, EPA Method 3020 is used for Selenium, Lead, and Thallium digestion. EPA Method 7470 is used for Mercury digestion.

Date Digested and Batch # apply to all metals except Arsenic, Lead, Selenium, and Thallium, which were digested on 01/20/94, Batch # 940120-4302; and Mercury, which was digested on 01/18/94, Batch # 940118-2202.

Approved by: *KLP*

Date: *1-24-94*

VOLATILE ORGANICS

Analytical Method: EPA 8240 - Low Level Modified {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *SB @1' 1'*

Lab Project-ID Number: 8696-5

Sample Number: 222920

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Analyzed: 01/20/94

| Analyte | Concentration ug/Kg (ppb) | Reporting Limit ug/Kg (ppb) |
|----------------------------|------------------------------|-----------------------------------|
| Chloromethane | BRL | 10 |
| Vinyl Chloride | BRL | 10 |
| Bromomethane | BRL | 10 |
| Chloroethane | BRL | 10 |
| Trichlorofluoromethane | BRL | 10 |
| Acetone | BRL | 25 |
| 1,1-Dichloroethene | BRL | 5 |
| Methylene Chloride | BRL | 5 |
| Carbon Disulfide | BRL | 5 |
| trans-1,2-Dichloroethene | BRL | 5 |
| 1,1-Dichloroethane | BRL | 5 |
| cis-1,2-Dichloroethene {b} | BRL | 5 |
| Chloroform | BRL | 5 |
| 1,2-Dichloroethane | BRL | 5 |
| 2-Butanone | BRL | 25 |
| 1,1,1-Trichloroethane | BRL | 5 |
| Carbon Tetrachloride | BRL | 5 |
| Benzene | BRL | 5 |
| Trichloroethene | BRL | 5 |
| 1,2-Dichloropropane | BRL | 5 |
| Bromodichloromethane | BRL | 5 |
| 2-Chloroethylvinylether | BRL | 10 |
| trans-1,3-Dichloropropene | BRL | 5 |
| cis-1,3-Dichloropropene | BRL | 5 |
| 1,1,2-Trichloroethane | BRL | 5 |
| Dibromochloromethane | BRL | 5 |
| Bromoform | BRL | 5 |
| 4-Methyl-2-Pentanone | BRL | 25 |
| Toluene | BRL | 5 |
| 2-Hexanone | BRL | 25 |
| Tetrachloroethene | BRL | 5 |

VOLATILE ORGANICS

Analytical Method: EPA 8240 - Low Level Modified {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *SB @5' 5'*

Lab Project-ID Number: 8696-6

Sample Number: 222922

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Analyzed: 01/19/94

| Analyte | Concentration ug/Kg (ppb) | Reporting Limit ug/Kg (ppb) |
|----------------------------|---------------------------|-----------------------------|
| Chloromethane | BRL | 10 |
| Vinyl Chloride | BRL | 10 |
| Bromomethane | BRL | 10 |
| Chloroethane | BRL | 10 |
| Trichlorofluoromethane | BRL | 10 |
| Acetone | BRL | 25 |
| 1,1-Dichloroethene | BRL | 5 |
| Methylene Chloride | BRL | 5 |
| Carbon Disulfide | BRL | 5 |
| trans-1,2-Dichloroethene | BRL | 5 |
| 1,1-Dichloroethane | BRL | 5 |
| cis-1,2-Dichloroethene {b} | BRL | 5 |
| Chloroform | BRL | 5 |
| 1,2-Dichloroethane | BRL | 5 |
| 2-Butanone | BRL | 25 |
| 1,1,1-Trichloroethane | BRL | 5 |
| Carbon Tetrachloride | BRL | 5 |
| Benzene | BRL | 5 |
| Trichloroethene | BRL | 5 |
| 1,2-Dichloropropane | BRL | 5 |
| Bromodichloromethane | BRL | 5 |
| 2-Chloroethylvinylether | BRL | 10 |
| trans-1,3-Dichloropropene | BRL | 5 |
| cis-1,3-Dichloropropene | BRL | 5 |
| 1,1,2-Trichloroethane | BRL | 5 |
| Dibromochloromethane | BRL | 5 |
| Bromoform | BRL | 5 |
| 4-Methyl-2-Pentanone | BRL | 25 |
| Toluene | BRL | 5 |
| 2-Hexanone | BRL | 25 |
| Tetrachloroethene | BRL | 5 |

PRIORITY POLLUTANT METALS

Preparation Method: EPA 3050 {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *SB @5' 5'*

Lab Project-ID Number: 8696-6

Sample Number: 222923

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Digested: 01/18/94

Batch Number: 940118-4304

| Analyte (Symbol)/EPA Method | Date Analyzed | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|-----------------------------|---------------|---------------------------|-----------------------------|
| Antimony (Sb)/6010 | 01/20/94 | BRL | 2.5 |
| Arsenic (As)/7060 | 01/20/94 | 1.1 | 0.50 |
| Beryllium (Be)/6010 | 01/20/94 | 0.44 | 0.25 |
| Cadmium (Cd)/6010 | 01/20/94 | BRL | 0.50 |
| Chromium (Cr)/6010 | 01/20/94 | 40 | 1.0 |
| Copper (Cu)/6010 | 01/20/94 | 29 | 1.0 |
| Lead (Pb)/6010 | 01/20/94 | 12 | 2.5 |
| Mercury (Hg)/7471 | 01/19/94 | BRL | 0.10 |
| Nickel (Ni)/6010 | 01/20/94 | 52 | 1.0 |
| Selenium (Se)/7740 | 01/20/94 | BRL | 0.25 |
| Silver (Ag)/6010 | 01/20/94 | BRL | 1.0 |
| Thallium (Tl)/7841 | 01/19/94 | BRL | 0.50 |
| Zinc (Zn)/6010 | 01/20/94 | 77 | 1.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Applies to all metals except Arsenic, Selenium, Thallium, and Mercury. EPA Method 3050 Nitric is used for Arsenic, Selenium, and Thallium digestion. EPA Method 7471 is used for Mercury digestion.

Date Digested and Batch # apply to all metals except Arsenic, Selenium, and Thallium, which were digested on 01/18/94, Batch # 940118-4305; and Mercury, which was digested on 01/18/94, Batch # 940118-2203.

Approved by: *KO*

Date: *1-24-94*

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

| | |
|---|--------------------------------------|
| Project Name: <i>Trinity Properties</i> | Project Number: <i>010601069024</i> |
| Sample Description: <i>MW-1</i> | Lab Project-ID Number: <i>8696-2</i> |
| Sample Number: <i>222981</i> | Date Sampled: <i>01/13/94</i> |
| Date Received: <i>01/15/94</i> | Date Extracted: <i>01/18/94</i> |
| Date Analyzed: <i>01/20/94</i> | Batch Number: <i>940118-2002</i> |

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|-----------------------------|----------------------------------|
| Phenol | BRL | 10 |
| Bis(2-Chloroethyl)ether | BRL | 10 |
| 2-Chlorophenol | BRL | 10 |
| 1,3-Dichlorobenzene | BRL | 10 |
| 1,4-Dichlorobenzene | BRL | 10 |
| Benzyl alcohol | BRL | 10 |
| 2-Methylphenol | BRL | 10 |
| 1,2-Dichlorobenzene | BRL | 10 |
| Bis(2-Chloroisopropyl)ether | BRL | 10 |
| 4-Methylphenol | BRL | 10 |
| N-Nitroso-di-n-propylamine | BRL | 10 |
| Hexachloroethane | BRL | 10 |
| Nitrobenzene | BRL | 10 |
| Isophorone | BRL | 10 |
| 2,4-Dimethylphenol | BRL | 10 |
| 1,2,4-Trichlorobenzene | BRL | 10 |
| 2-Nitrophenol | BRL | 10 |
| Benzoic acid | BRL | 50 |
| Bis(2-Chloroethoxy)methane | BRL | 10 |
| 2,4-Dichlorophenol | BRL | 10 |
| Naphthalene | BRL | 10 |
| 4-Chloroaniline | BRL | 10 |
| Hexachlorobutadiene | BRL | 10 |
| 4-Chloro-3-methylphenol | BRL | 10 |
| 2-Methylnaphthalene | BRL | 10 |
| Hexachlorocyclopentadiene | BRL | 10 |
| 2,4,6-Trichlorophenol | BRL | 10 |

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

Lab Project-
ID Number: 8696-2

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|-----------------------------|----------------------------------|
| 2,4,5-Trichlorophenol | BRL | 10 |
| 2-Chloronaphthalene | BRL | 10 |
| 3-Nitroaniline | BRL | 50 |
| Dimethylphthalate | BRL | 10 |
| 2,6-Dinitrotoluene | BRL | 10 |
| Acenaphthylene | BRL | 10 |
| 2-Nitroaniline | BRL | 50 |
| Acenaphthene | BRL | 10 |
| 2,4-Dinitrophenol | BRL | 50 |
| 4-Nitrophenol | BRL | 50 |
| 2,4-Dinitrotoluene | BRL | 10 |
| Dibenzofuran | BRL | 10 |
| Diethylphthalate | BRL | 10 |
| alpha-BHC {b} | BRL | 10 |
| 4-Chlorophenyl phenyl ether | BRL | 10 |
| Fluorene | BRL | 10 |
| 4-Nitroaniline | BRL | 50 |
| 4,6-Dinitro-2-methylphenol | BRL | 50 |
| N-Nitrosodiphenylamine | BRL | 10 |
| 4-Bromophenyl phenyl ether | BRL | 10 |
| beta-BHC {b} | BRL | 10 |
| Lindane {b} | BRL | 10 |
| Hexachlorobenzene | BRL | 10 |
| Pentachlorophenol | BRL | 50 |
| Phenanthrene | BRL | 10 |
| Anthracene | BRL | 10 |
| Delta-BHC {b} | BRL | 10 |
| Heptachlor {b} | BRL | 10 |
| Aldrin {b} | BRL | 10 |
| Endrin {b} | BRL | 10 |
| Butyl benzyl phthalate | BRL | 10 |
| Fluoranthene | BRL | 10 |
| Heptachlor Epoxide | BRL | 10 |
| Pyrene | BRL | 10 |
| Dieldrin {b} | BRL | 10 |
| 4,4'-DDE {b} | BRL | 10 |
| Endosulfan sulfate | BRL | 10 |
| 4,4'-DDT {b} | BRL | 10 |
| 4,4'-DDD {b} | BRL | 10 |

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

Project
Name: *Trinity Properties*

Project
Number: *010601069024*

Sample
Description: *MW-2*

Lab Project-
ID Number: *8696-3*

Sample
Number: *222994*

Date
Sampled: *01/13/94*

Date
Received: *01/15/94*

Date
Extracted: *01/18/94*

Date
Analyzed: *01/20/94*

Batch
Number: *940118-2002*

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|-----------------------------|----------------------------------|
| Phenol | BRL | 10 |
| Bis(2-Chloroethyl)ether | BRL | 10 |
| 2-Chlorophenol | BRL | 10 |
| 1,3-Dichlorobenzene | BRL | 10 |
| 1,4-Dichlorobenzene | BRL | 10 |
| Benzyl alcohol | BRL | 10 |
| 2-Methylphenol | BRL | 10 |
| 1,2-Dichlorobenzene | BRL | 10 |
| Bis(2-Chloroisopropyl)ether | BRL | 10 |
| 4-Methylphenol | BRL | 10 |
| N-Nitroso-di-n-propylamine | BRL | 10 |
| Hexachloroethane | BRL | 10 |
| Nitrobenzene | BRL | 10 |
| Isophorone | BRL | 10 |
| 2,4-Dimethylphenol | BRL | 10 |
| 1,2,4-Trichlorobenzene | BRL | 10 |
| 2-Nitrophenol | BRL | 10 |
| Benzoic acid | BRL | 50 |
| Bis(2-Chloroethoxy)methane | BRL | 10 |
| 2,4-Dichlorophenol | BRL | 10 |
| Naphthalene | BRL | 10 |
| 4-Chloroaniline | BRL | 10 |
| Hexachlorobutadiene | BRL | 10 |
| 4-Chloro-3-methylphenol | BRL | 10 |
| 2-Methylnaphthalene | BRL | 10 |
| Hexachlorocyclopentadiene | BRL | 10 |
| 2,4,6-Trichlorophenol | BRL | 10 |

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

Lab Project-
ID Number: 8696-3

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|-----------------------------|----------------------------------|
| 2,4,5-Trichlorophenol | BRL | 10 |
| 2-Chloronaphthalene | BRL | 10 |
| 3-Nitroaniline | BRL | 50 |
| Dimethylphthalate | BRL | 10 |
| 2,6-Dinitrotoluene | BRL | 10 |
| Acenaphthylene | BRL | 10 |
| 2-Nitroaniline | BRL | 50 |
| Acenaphthene | BRL | 10 |
| 2,4-Dinitrophenol | BRL | 50 |
| 4-Nitrophenol | BRL | 50 |
| 2,4-Dinitrotoluene | BRL | 10 |
| Dibenzofuran | BRL | 10 |
| Diethylphthalate | BRL | 10 |
| alpha-BHC {b} | BRL | 10 |
| 4-Chlorophenyl phenyl ether | BRL | 10 |
| Fluorene | BRL | 10 |
| 4-Nitroaniline | BRL | 50 |
| 4,6-Dinitro-2-methylphenol | BRL | 50 |
| N-Nitrosodiphenylamine | BRL | 10 |
| 4-Bromophenyl phenyl ether | BRL | 10 |
| beta-BHC {b} | BRL | 10 |
| Lindane {b} | BRL | 10 |
| Hexachlorobenzene | BRL | 10 |
| Pentachlorophenol | BRL | 50 |
| Phenanthrene | BRL | 10 |
| Anthracene | BRL | 10 |
| Delta-BHC {b} | BRL | 10 |
| Heptachlor {b} | BRL | 10 |
| Aldrin {b} | BRL | 10 |
| Endrin {b} | BRL | 10 |
| Butyl benzyl phthalate | BRL | 10 |
| Fluoranthene | BRL | 10 |
| Heptachlor Epoxide | BRL | 10 |
| Pyrene | BRL | 10 |
| Dieldrin {b} | BRL | 10 |
| 4,4'-DDE {b} | BRL | 10 |
| Endosulfan sulfate | BRL | 10 |
| 4,4'-DDT {b} | BRL | 10 |
| 4,4'-DDD {b} | BRL | 10 |

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

Project
Name: *Trinity Properties*

Project
Number: *010601069024*

Sample
Description: *MW-3*

Lab Project-
ID Number: *8696-4*

Sample
Number: *222907*

Date
Sampled: *01/13/94*

Date
Received: *01/15/94*

Date
Extracted: *01/18/94*

Date
Analyzed: *01/20/94*

Batch
Number: *940118-2002*

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|-----------------------------|----------------------------------|
| Phenol | BRL | 10 |
| Bis(2-Chloroethyl)ether | BRL | 10 |
| 2-Chlorophenol | BRL | 10 |
| 1,3-Dichlorobenzene | BRL | 10 |
| 1,4-Dichlorobenzene | BRL | 10 |
| Benzyl alcohol | BRL | 10 |
| 2-Methylphenol | BRL | 10 |
| 1,2-Dichlorobenzene | BRL | 10 |
| Bis(2-Chloroisopropyl)ether | BRL | 10 |
| 4-Methylphenol | BRL | 10 |
| N-Nitroso-di-n-propylamine | BRL | 10 |
| Hexachloroethane | BRL | 10 |
| Nitrobenzene | BRL | 10 |
| Isophorone | BRL | 10 |
| 2,4-Dimethylphenol | BRL | 10 |
| 1,2,4-Trichlorobenzene | BRL | 10 |
| 2-Nitrophenol | BRL | 10 |
| Benzoic acid | BRL | 50 |
| Bis(2-Chloroethoxy)methane | BRL | 10 |
| 2,4-Dichlorophenol | BRL | 10 |
| Naphthalene | BRL | 10 |
| 4-Chloroaniline | BRL | 10 |
| Hexachlorobutadiene | BRL | 10 |
| 4-Chloro-3-methylphenol | BRL | 10 |
| 2-Methylnaphthalene | BRL | 10 |
| Hexachlorocyclopentadiene | BRL | 10 |
| 2,4,6-Trichlorophenol | BRL | 10 |

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

Lab Project-
ID Number: 8696-4

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|-----------------------------|-----------------------------|----------------------------------|
| 2,4,5-Trichlorophenol | BRL | 10 |
| 2-Chloronaphthalene | BRL | 10 |
| 3-Nitroaniline | BRL | 50 |
| Dimethylphthalate | BRL | 10 |
| 2,6-Dinitrotoluene | BRL | 10 |
| Acenaphthylene | BRL | 10 |
| 2-Nitroaniline | BRL | 50 |
| Acenaphthene | BRL | 10 |
| 2,4-Dinitrophenol | BRL | 50 |
| 4-Nitrophenol | BRL | 50 |
| 2,4-Dinitrotoluene | BRL | 10 |
| Dibenzofuran | BRL | 10 |
| Diethylphthalate | BRL | 10 |
| alpha-BHC {b} | BRL | 10 |
| 4-Chlorophenyl phenyl ether | BRL | 10 |
| Fluorene | BRL | 10 |
| 4-Nitroaniline | BRL | 50 |
| 4,6-Dinitro-2-methylphenol | BRL | 50 |
| N-Nitrosodiphenylamine | BRL | 10 |
| 4-Bromophenyl phenyl ether | BRL | 10 |
| beta-BHC {b} | BRL | 10 |
| Lindane {b} | BRL | 10 |
| Hexachlorobenzene | BRL | 10 |
| Pentachlorophenol | BRL | 50 |
| Phenanthrene | BRL | 10 |
| Anthracene | BRL | 10 |
| Delta-BHC {b} | BRL | 10 |
| Heptachlor {b} | BRL | 10 |
| Aldrin {b} | BRL | 10 |
| Endrin {b} | BRL | 10 |
| Butyl benzyl phthalate | BRL | 10 |
| Fluoranthene | BRL | 10 |
| Heptachlor Epoxide | BRL | 10 |
| Pyrene | BRL | 10 |
| Dieldrin {b} | BRL | 10 |
| 4,4'-DDE {b} | BRL | 10 |
| Endosulfan sulfate | BRL | 10 |
| 4,4'-DDT {b} | BRL | 10 |
| 4,4'-DDD {b} | BRL | 10 |

SEMIVOLATILE ORGANICS

Analytical Method: EPA 8270 - Modified {a}
Preparation Method: Modified EPA 3510 {c}

Lab Project-
ID Number: 8696-4

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|----------------------------|-----------------------------|----------------------------------|
| Di-n-butylphthalate | BRL | 10 |
| 3,3'-Dichlorobenzidine | BRL | 20 |
| Benzo(a)anthracene | BRL | 10 |
| Bis(2-Ethylhexyl)phthalate | BRL | 10 |
| Chrysene | BRL | 10 |
| Di-n-octylphthalate | BRL | 10 |
| Benzo(b)fluoranthene | BRL | 10 |
| Benzo(k)fluoranthene | BRL | 10 |
| Benzo(a)pyrene | BRL | 10 |
| Indeno(1,2,3-c,d)pyrene | BRL | 10 |
| Dibenz(a,h)anthracene | BRL | 10 |
| Benzo(g,h,i)perylene | BRL | 10 |

| Surrogates | Percent Recovery | Acceptance Limits |
|----------------------|---------------------|----------------------|
| 2-Fluorophenol | 70 | 21 - 110 |
| Phenol-d5 | 51 | 10 - 110 |
| Nitrobenzene-d5 | 93 | 35 - 114 |
| 2-Fluorobiphenyl | 91 | 43 - 116 |
| 2,4,6-Tribromophenol | 117 | 10 - 123 |
| Terphenyl-d14 | 103 | 33 - 141 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Includes all analytes as listed in Table 2 of Method 8270, SW-846, 3rd edition.

{b} Additional analytes as found in Table 1 of Method 8270, SW-846, 3rd edition.

{c} Extraction Method 3510 has been modified to reflect the analytical principles acknowledged in the US EPA's latest statement of work for semivolatile organic analysis by GC/MS for the contract laboratory program, Document Number OLM01.0.

Approved by: KD

Date: 1-24-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *SB @1' 1'*

Lab Project-ID Number: 8696-5

Sample Number: 222920

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Extracted: 01/19/94

Date Analyzed: 01/20/94

Batch Number: 940119-2003

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | 58 | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *[Signature]*

Date: 1-24-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *SB @5' 5'*

Lab Project-ID Number: 8696-6

Sample Number: 222922

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Extracted: 01/19/94

Date Analyzed: 01/20/94

Batch Number: 940119-2003

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | 220 | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *[Signature]*

Date: 1-24-94

VOLATILE ORGANICS

Analytical Method: EPA 8240 - Modified {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *Trip Blank*

Lab Project-ID Number: 8696-1

Sample Number: 222916

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Analyzed: 01/19/94

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|----------------------------|-----------------------------|----------------------------------|
| Chloromethane | BRL | 10 |
| Vinyl Chloride | BRL | 10 |
| Bromomethane | BRL | 10 |
| Chloroethane | BRL | 10 |
| Trichlorofluoromethane | BRL | 10 |
| Acetone | BRL | 25 |
| 1,1-Dichloroethene | BRL | 5 |
| Methylene Chloride | BRL | 5 |
| Carbon Disulfide | BRL | 5 |
| trans-1,2-Dichloroethene | BRL | 5 |
| 1,1-Dichloroethane | BRL | 5 |
| cis-1,2-Dichloroethene {b} | BRL | 5 |
| Chloroform | BRL | 5 |
| 1,2-Dichloroethane | BRL | 5 |
| 2-Butanone | BRL | 25 |
| 1,1,1-Trichloroethane | BRL | 5 |
| Carbon Tetrachloride | BRL | 5 |
| Benzene | BRL | 5 |
| Trichloroethene | BRL | 5 |
| 1,2-Dichloropropane | BRL | 5 |
| Bromodichloromethane | BRL | 5 |
| 2-Chloroethylvinylether | BRL | 10 |
| trans-1,3-Dichloropropene | BRL | 5 |
| cis-1,3-Dichloropropene | BRL | 5 |
| 1,1,2-Trichloroethane | BRL | 5 |
| Dibromochloromethane | BRL | 5 |
| Bromoform | BRL | 5 |
| 4-Methyl-2-Pentanone | BRL | 25 |
| Toluene | BRL | 5 |
| 2-Hexanone | BRL | 25 |
| Tetrachloroethene | BRL | 5 |

VOLATILE ORGANICS

Analytical Method: EPA 8240 - Modified {a}

Project Name: *Trinity Properties*

Project Number: *010601069024*

Sample Description: *MW-1*

Lab Project-ID Number: *8696-2*

Sample Number: *222977*

Date Sampled: *01/13/94*

Date Received: *01/15/94*

Date Analyzed: *01/19/94*

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|----------------------------|-----------------------------|----------------------------------|
| Chloromethane | BRL | 10 |
| Vinyl Chloride | BRL | 10 |
| Bromomethane | BRL | 10 |
| Chloroethane | BRL | 10 |
| Trichlorofluoromethane | BRL | 10 |
| Acetone | BRL | 25 |
| 1,1-Dichloroethene | BRL | 5 |
| Methylene Chloride | BRL | 5 |
| Carbon Disulfide | BRL | 5 |
| trans-1,2-Dichloroethene | BRL | 5 |
| 1,1-Dichloroethane | BRL | 5 |
| cis-1,2-Dichloroethene {b} | BRL | 5 |
| Chloroform | BRL | 5 |
| 1,2-Dichloroethane | BRL | 5 |
| 2-Butanone | BRL | 25 |
| 1,1,1-Trichloroethane | BRL | 5 |
| Carbon Tetrachloride | BRL | 5 |
| Benzene | BRL | 5 |
| Trichloroethene | BRL | 5 |
| 1,2-Dichloropropane | BRL | 5 |
| Bromodichloromethane | BRL | 5 |
| 2-Chloroethylvinylether | BRL | 10 |
| trans-1,3-Dichloropropene | BRL | 5 |
| cis-1,3-Dichloropropene | BRL | 5 |
| 1,1,2-Trichloroethane | BRL | 5 |
| Dibromochloromethane | BRL | 5 |
| Bromoform | BRL | 5 |
| 4-Methyl-2-Pentanone | BRL | 25 |
| Toluene | BRL | 5 |
| 2-Hexanone | BRL | 25 |
| Tetrachloroethene | BRL | 5 |

VOLATILE ORGANICS

Analytical Method: EPA 8240 - Modified {a}

Project Name: *Trinity Properties*

Project Number: *010601069024*

Sample Description: *MW-2*

Lab Project-ID Number: *8696-3*

Sample Number: *222990*

Date Sampled: *01/13/94*

Date Received: *01/15/94*

Date Analyzed: *01/19/94*

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|----------------------------|-----------------------------|----------------------------------|
| Chloromethane | BRL | 10 |
| Vinyl Chloride | BRL | 10 |
| Bromomethane | BRL | 10 |
| Chloroethane | BRL | 10 |
| Trichlorofluoromethane | BRL | 10 |
| Acetone | BRL | 25 |
| 1,1-Dichloroethene | BRL | 5 |
| Methylene Chloride | BRL | 5 |
| Carbon Disulfide | BRL | 5 |
| trans-1,2-Dichloroethene | BRL | 5 |
| 1,1-Dichloroethane | BRL | 5 |
| cis-1,2-Dichloroethene {b} | BRL | 5 |
| Chloroform | BRL | 5 |
| 1,2-Dichloroethane | BRL | 5 |
| 2-Butanone | BRL | 25 |
| 1,1,1-Trichloroethane | BRL | 5 |
| Carbon Tetrachloride | BRL | 5 |
| Benzene | BRL | 5 |
| Trichloroethene | BRL | 5 |
| 1,2-Dichloropropane | BRL | 5 |
| Bromodichloromethane | BRL | 5 |
| 2-Chloroethylvinylether | BRL | 10 |
| trans-1,3-Dichloropropene | BRL | 5 |
| cis-1,3-Dichloropropene | BRL | 5 |
| 1,1,2-Trichloroethane | BRL | 5 |
| Dibromochloromethane | BRL | 5 |
| Bromoform | BRL | 5 |
| 4-Methyl-2-Pentanone | BRL | 25 |
| Toluene | BRL | 5 |
| 2-Hexanone | BRL | 25 |
| Tetrachloroethene | BRL | 5 |

VOLATILE ORGANICS

Analytical Method: EPA 8240 - Modified {a}

Project Name: *Trinity Properties*

Project Number: 010601069024

Sample Description: *MW-3*

Lab Project-ID Number: 8696-4

Sample Number: 222903-06

Date Sampled: 01/13/94

Date Received: 01/15/94

Date Analyzed: 01/19/94

| Analyte | Concentration ug/L (ppb) | Reporting Limit ug/L (ppb) |
|----------------------------|-----------------------------|----------------------------------|
| Chloromethane | BRL | 10 |
| Vinyl Chloride | BRL | 10 |
| Bromomethane | BRL | 10 |
| Chloroethane | BRL | 10 |
| Trichlorofluoromethane | BRL | 10 |
| Acetone | BRL | 25 |
| 1,1-Dichloroethene | BRL | 5 |
| Methylene Chloride | BRL | 5 |
| Carbon Disulfide | BRL | 5 |
| trans-1,2-Dichloroethene | BRL | 5 |
| 1,1-Dichloroethane | BRL | 5 |
| cis-1,2-Dichloroethene {b} | BRL | 5 |
| Chloroform | BRL | 5 |
| 1,2-Dichloroethane | BRL | 5 |
| 2-Butanone | BRL | 25 |
| 1,1,1-Trichloroethane | BRL | 5 |
| Carbon Tetrachloride | BRL | 5 |
| Benzene | BRL | 5 |
| Trichloroethene | BRL | 5 |
| 1,2-Dichloropropane | BRL | 5 |
| Bromodichloromethane | BRL | 5 |
| 2-Chloroethylvinylether | BRL | 10 |
| trans-1,3-Dichloropropene | BRL | 5 |
| cis-1,3-Dichloropropene | BRL | 5 |
| 1,1,2-Trichloroethane | BRL | 5 |
| Dibromochloromethane | BRL | 5 |
| Bromoform | BRL | 5 |
| 4-Methyl-2-Pentanone | BRL | 25 |
| Toluene | BRL | 5 |
| 2-Hexanone | BRL | 25 |
| Tetrachloroethene | BRL | 5 |



MBT Environmental Laboratories
 3083 Gold Canal Drive
 Rancho Cordova
 CA 95670
 Phone 916/852-6600
 Fax 916/852-7292

94-01-217

CHAIN OF CUSTODY RECORD

SEE SIDE 2 FOR COMPLETE INSTRUCTIONS

Ship To: CONTROLS FOR ENVIRONMENTAL Project Name: TRINITY PROPERTIES
 Address: 1925 ROSINA ST Project Number: DL0601069.02A
SANTA FE NM 87501 Project Location: (State) CA

FOR LABORATORY USE ONLY

Laboratory Project #: _____
 Storage Refrigerator ID: _____
 Storage Freezer ID: _____

Sampler Name: MATTHEW ZUCCA Signature: [Signature] PPE Worn in Field: D
 Relinquished By: [Signature] Date/Time: 1/14/94 11:00 Received By or Method of Shipment/Shipment I.D.: FED EX Date/Time: 1/14/94
 Relinquished By: _____ Date/Time: _____ Received By or Method of Shipment/Shipment I.D.: _____ Date/Time: _____

- Common Analytical Methods
- 413.1
 - 413.2 Long Method
 - 413.2 Short Method
 - 418.1 Long Method
 - 418.1 Short Method
 - 420.1
 - 502.2
 - 503E
 - 503.1
 - 524.2
 - 601
 - 602
 - 604
 - 608
 - 610
 - 624
 - 625
 - 8010
 - 8015
 - 8015 Mod.
 - 8020
 - 8021
 - 8040
 - 8080
 - 8100
 - 8150
 - 8240
 - 8270
 - 8310
 - Acidity
 - Alkalinity
 - BTEX
 - Chloride
 - CLP (see Side 2)
 - COD
 - Color
 - Conductivity
 - Corrosivity
 - Cyanide
 - Flashpoint
 - Fluoride
 - General Mineral
 - Hex. Chromium
 - Ion Balance
 - Metals (write specific metal & method #)
 - Metals 6010*
 - Metals PP*
 - Metals Title 22:
 - TTLIC Level
 - STLC Level (see Side 2)
 - Nitrate
 - Nitrite
 - Odor
 - Org. Lead
 - Org. Mercury
 - Percent Moisture
 - Percent Solid
 - Perchlorate
 - pH
 - Phosphates
 - Phosphorus
 - Sulfate
 - Sulfides
 - TCLP:
 - VOA
 - Semivolatile
 - Metals
 - Pesticide
 - TDS
 - Total Hardness
 - Total Solids
 - TPH/D
 - TPH/G
 - TSS
 - Turbidity

Sample Disposal (check one): Laboratory Standard, Other

Level of QC (see Side 2): 1, 2, 3, 4, 5, 6A, 6B, 6C, 6D, 6E, 7

Write in Analysis Method →

ANALYSES REQUESTED

| FOR LABORATORY USE ONLY Lab ID | Sample ID Number | Date | Time | Description | | Container(s) | | Matrix Type | Pres. Type | TAT | GROSS X | GROSS P | URANIUM |
|-----------------------------------|------------------|---------|------|-------------|-------|--------------|------|------------------|------------|-----|---------|---------|---------|
| | | | | Locator | Depth | # | Type | | | | | | |
| 1 | 222986 | 1/13/94 | 1410 | MW-1 | - | 1 | O | H ₂ O | NP | | X | | |
| 2 | 222987 | | | | | 1 | O | H ₂ O | NP | | X | | |
| 3 | 222988-89 | | | | | 2 | O | H ₂ O | NP | | | X | |
| 4 | 222998 | | 1530 | MW-2 | | 1 | O | H ₂ O | NP | | X | | |
| 5 | 222999 | | | | | 1 | O | H ₂ O | NP | | X | | |
| 6 | 222901-02 | | | | | 2 | O | H ₂ O | NP | | | X | |
| 7 | 222911 | | 1640 | MW-3 | | 1 | O | H ₂ O | NP | | X | | |
| 8 | 222912 | | | | | 1 | O | H ₂ O | NP | | | X | |
| 9 | 222914-15 | | | | | 2 | O | H ₂ O | NP | | | X | |
| 10 | | | | | | | | | | | | | |

Special Instructions/Comments: PLEASE RETURN COOLERS TO: MCLAREN/HART
1135 ATLANTIC AVE
ALAMEDA CA 94501

Container Types: A=1 Liter Amber, B=Brass Tube, G=Glass Jar, O=Other LI POLY
 C=Cassette, P=Polyethylene, V=Voa Vial
 TAT (Analytical Turn Around Time): 1 = 24 hours, 2 = 48 hours, 3 = 1 week, 4 = 2 weeks, 0 = Other

FOR LABORATORY USE ONLY Sample Condition Upon Receipt: _____

SEND DOCUMENTATION AND RESULTS TO (Check one):
 Project Manager/Office: JOE KROHN / RANCHO CORDOVA
 Client Name: MCLAREN/HART
 Company: 1101 WHITE ROCK ROAD
 Address: RANCHO CORDOVA, CA 95670
916 266-2696



Controls for Environmental Pollution, Inc.

P.O. BOX 5351 • Santa Fe, New Mexico 87502

IN STATE 505-982-9841
OUT OF STATE 800/545-2188 • FAX 505-982-9289

Controls for Environmental
Pollution, Inc.

P. O. Box 5351
Santa Fe, NM 87502

Phone: (505) 982-9841/(800) 545-2188

MBT Environmental Laboratory
3083 Gold Canal Drive
Rancho Cordova, CA 95670

Attn: Gary Baldwin
Invoice Number:

Order #: 94-01-217
Date: 01/21/94 12:47
Work ID: Water (NR)
Date Received: 01/17/94
Date Completed: 01/21/94
Client Code: MBT_ENV_LAB

cc: McLaren/Hart
11101 White Rock Rd.
Rancho Cordova, CA 95670
Attn: Joe Krohn

*High statistics due to high
amount of dissolved and
suspended solids.

SAMPLE IDENTIFICATION

| <u>Sample Number</u> | <u>Sample Description</u> |
|----------------------|---------------------------|
| 01 | 222986/87/88/89 MW-1 |
| 02 | 222998/99/01/02 MW-2 |

| <u>Sample Number</u> | <u>Sample Description</u> |
|----------------------|---------------------------|
| 03 | 222911/12/14/15 MW-3 |



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IN STATE 505-982-9289

Order # 94-01-217
01/21/94 12:47

Controls for Environmental

Page 2

Remainder of sample(s) for routine analysis will be disposed of three weeks from final report date. Sample(s) for bacteria analysis only, will be disposed of immediately after analysis. This is not applicable if other arrangements have been made.



Certified By

**Controls for Environmental Pollution, Inc.**

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IN STATE 505-438-0111

Order # 94-01-217

Controls for Environmental

Page 3

01/21/94 12:47

TEST RESULTS BY SAMPLE

Sample: 01A 222986/87/88/89 MW-1

Collected: 01/13/94 14:10

| <u>Test Description</u> | <u>Result</u> | <u>D. L.</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|-------------------------|---------------|--------------|--------------|-----------------|-----------|
| Gross Alpha | 23+/-9 | 2 | pCi/liter | 01/18/94 | PM |
| Gross Beta | 26+/-6 | 3 | pCi/liter | 01/18/94 | PM |

Sample: 02A 222998/99/01/02 MW-2

Collected: 01/13/94 15:30

| <u>Test Description</u> | <u>Result</u> | <u>D. L.</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|-------------------------|---------------|--------------|--------------|-----------------|-----------|
| Gross Alpha | 6+/-5* | 2 | pCi/liter | 01/18/94 | PM |
| Gross Beta | 6+/-4 | 3 | pCi/liter | 01/18/94 | PM |

Sample: 03A 222911/12/14/15 MW-3

Collected: 01/13/94 16:40

| <u>Test Description</u> | <u>Result</u> | <u>D. L.</u> | <u>Units</u> | <u>Analyzed</u> | <u>By</u> |
|-------------------------|---------------|--------------|--------------|-----------------|-----------|
| Gross Alpha | 18+/-11* | 2 | pCi/liter | 01/18/94 | PM |
| Gross Beta | 12+/-7 | 3 | pCi/liter | 01/18/94 | PM |

**Controls for Environmental Pollution, Inc.**

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IN STATE 505-982-9811

Order # 94-01-217

Controls for Environmental

Page 4

01/21/94 12:47

TEST RESULTS BY SAMPLE

Sample Description: 222986/87/88/89 MW-1

Lab No: 01A

Test Description: Isotopic Uranium

Method:

Test Code: ISOU

Collected: 01/13/94 14:10

Category: WATER

| Type of Analysis | Detection Limit | RESULT |
|------------------|-----------------|--------------------|
| Uranium-234 | _____ | <u>9.10+/-0.40</u> |
| Uranium-235 | _____ | <u>0.36+/-0.10</u> |
| Uranium-238 | _____ | <u>10.1+/-1.0</u> |

All results report in:

UNITS pCi/liter

Analyzed 01/18/94

By DD

Sample Description: 222998/99/01/02 MW-2

Lab No: 02A

Test Description: Isotopic Uranium

Method:

Test Code: ISOU

Collected: 01/13/94 15:30

Category: WATER

| Type of Analysis | Detection Limit | RESULT |
|------------------|-----------------|--------------------|
| Uranium-234 | _____ | <u>2.46+/-0.12</u> |
| Uranium-235 | _____ | <u>0.10+/-0.04</u> |
| Uranium-238 | _____ | <u>2.94+/-0.11</u> |

All results report in:

UNITS pCi/liter

Analyzed 01/18/94

By DD



Controls for Environmental Pollution, Inc.

P.O. BOX 5351 • Santa Fe, New Mexico 87502 OUT OF STATE 800/545-2188 • FAX - 505-982-9289

IN STATE 505/982-9844

Order # 94-01-217
01/21/94 12:47

Controls for Environmental
TEST RESULTS BY SAMPLE

Page 5

Sample Description: 222911/12/14/15 MW-3
Test Description: Isotopic Uranium
Collected: 01/13/94 16:40

Lab No: 03A
Method:
Category: WATER

Test Code: ISDU

| Type of Analysis | Detection Limit | RESULT |
|------------------|-----------------|--------------------|
| Uranium-234 | _____ | <u>13.8+/-3.2</u> |
| Uranium-235 | _____ | <u>0.55+/-0.09</u> |
| Uranium-238 | _____ | <u>9.31+/-2.59</u> |

All results report in:
UNITS pCi/liter
Analyzed 01/18/94
By DD

APPENDIX D

LABORATORY REPORTS - 6805 SIERRA COURT

MBT Environmental
Laboratories

3083 Gold Canal Drive
Rancho Cordova
CA 95670
Phone 916/852-6600
Fax 916/852-7292



MBT Environmental Laboratories

Date: January 31, 1994
LP #: 8728

Joseph Krohn
McLaren/Hart Environmental Engineering
11101 White Rock Road
Rancho Cordova, CA 95670

Dear Mr. Krohn:

Enclosed are the laboratory results for the 12 samples submitted to MBT Environmental Laboratories on January 27, 1994, for the project *Kemper - Trinity Ct. Prop.*

The analysis requested is:

EPA 418.1 (4 - Water/8 - Soil)


The report consists of the following sections:

1. A copy of the Chain-of-Custody
2. Quality Control Definitions and Report
3. Abbreviations and Comments
4. Analytical results

Unless otherwise instructed by you, samples will be disposed of two weeks from the date of this letter.

Thank you for choosing MBT Environmental Laboratories. We are looking forward to serving you in the future. Should you have any questions concerning this analytical report or the analytical methods employed, please do not hesitate to call.

Sincerely,


Shakoora Azimi
Laboratory Director, Principal Scientist

QUALITY CONTROL DEFINITIONS

METHOD BLANK RESULTS: A method blank (MB) is a laboratory generated sample free of any contamination. The method blank assesses the degree to which the laboratory operations and procedures cause false-positive analytical results for your samples.

LABORATORY CONTROL SPIKES

The LCS Program:

The laboratory control spike is a well-characterized matrix (organic pure type II water for water samples and contamination-free sand for soil samples) which is spiked with certain target parameters, and analyzed in duplicate at approximately 5% of the sample load, in order to assure the accuracy and precision of the analytical method.

Control limits for accuracy and precision are different for different methods and may vary with the different sample matrices. They are based on laboratory average historical data and EPA limits which are approved by the Quality Assurance Department.

(CN8728)

QUALITY CONTROL REPORT

METHOD BLANK

Method: Modification A EPA 418.1
Units: mg/L (ppm)

Date Analyzed: 01/28/94
Date Extracted: 01/27/94
Batch Number: 940127-2001

| <u>Petroleum Fraction</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---|----------------------------|----------------------|
| Total Recoverable Petroleum Hydrocarbons | 0.20 | 0.24 |

(CN8728)

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 418.1 (Modification A)**

LP#: 8728

Spike Sample ID: LCS/LGSD W-50

Date Of Analysis: 01/28/94

Spike ID Code: W2-1937

Instrument #: Nicolet 205

Surrogate ID Code: NA

Batch #: 940125-2001

Matrix: Water Units: mg/L

| COMPOUNDS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ACCEPTANCE LIMITS | |
|-----------|--------------|-------------|----------------------|-------------|---------------------------|-------------------|-------|-------------------|------|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP. + SPIKE CONC. | SPIKE DUP. REC. % | RPD % | % REC. | RPD |
| TPH | 0 | 2.5 | 2.32 | 93 | 2.42 | 97 | 4 | 47-130 | ≤ 20 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|c-e|)/((c+e) \times .5) \times 100$$



QUALITY CONTROL REPORT

METHOD BLANK

Method: Modification A EPA 418.1
Units: mg/Kg (ppm)

Date Analyzed: 01/28/94
Date Extracted: 01/27/94
Batch Number: 940127-0301

| <u>Petroleum Fraction</u> | <u>Reporting Limit</u> | <u>Concentration</u> |
|---|----------------------------|----------------------|
| Total Recoverable Petroleum Hydrocarbons | 5.0 | BRL |

QUALITY CONTROL REPORT

**Laboratory Control Sample/Laboratory Control Sample Duplicate
Method 418.1 (Modification A)**

LP#: 8728

Spike Sample ID: LCSS/LCSDS 45

Date Of Analysis: 01/18/94

Spike ID Code: W2-1937

Instrument #: Nicolet 205

Surrogate ID Code: NA

Batch #: 940117-0302

Matrix: Soil Units: mg/Kg

| COMPOUNDS | (a) | (b) | (c) | (d) | (e) | (f) | (g) | ADVISORY ACCEPTANCE LIMITS | |
|-----------|--------------|-------------|----------------------|-------------|--------------------------|-------------------|-------|----------------------------|------|
| | SAMPLE CONC. | SPIKE CONC. | SAMPLE + SPIKE CONC. | SPIKE REC.% | SAMPLE DUP.+ SPIKE CONC. | SPIKE DUP. REC. % | RPD % | % REC. | RPD |
| TPH | 0 | 62.5 | 56.4 | 90 | 60.0 | 96 | 6 | 72-116 | ≤ 25 |

$$\text{Spike Recovery} = d = ((c-a)/b) \times 100$$

$$\text{Spike Duplicate Recovery} = f = ((e-a)/b) \times 100$$

$$\text{Relative Percent Difference} = g = (|c-e|)/((c+e) \times .5) \times 100$$



ABBREVIATIONS USED IN THIS REPORT

| | |
|------|------------------------------------|
| BRL | Below Reporting Limit |
| MB | Method Blank |
| MS | Matrix Spike |
| MSD | Matrix Spike Duplicate |
| LCS | Laboratory Control Spike |
| LCSD | Laboratory Control Spike Duplicate |
| RPD | Relative Percent Difference |
| NS | Not Specified |
| NA | Not Applicable |

COMMENTS

Test methods may include minor modifications of published EPA methods (e.g., reporting limits or parameter lists). Reporting limits are adjusted to reflect dilution of the sample when appropriate. Solids and waste are analyzed with no correction made for moisture content.

(CN8728)



TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3510

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: SB-2

Lab Project-ID Number: 8728-6

Sample Number: 142243

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-2001

| Petroleum Fraction | Concentration mg/L (ppm) | Reporting Limit mg/L (ppm) |
|--|-----------------------------|----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 0.79 |

Comments

The cover letter and enclosures are integral parts of this report.

TPH was detected in the sample at 0.78 mg/L (ppm). The method blank concentration is 0.24 mg/L (ppm). The sample concentration was less than 10 times the blank concentration; therefore, per EPA technical guidelines, the sample concentration was not reported.

Approved by: *[Signature]*

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3510

| | | | |
|---------------------|---------------------------------|------------------------|--------------|
| Project Name: | <i>Kemper-Trinity Ct. Prop.</i> | Project Number: | 010601069024 |
| Sample Description: | SB-3 | Lab Project-ID Number: | 8728-9 |
| Sample Number: | 142245 | Date Sampled: | 01/26/94 |
| Date Received: | 01/27/94 | Date Extracted: | 01/27/94 |
| Date Analyzed: | 01/28/94 | Batch Number: | 940127-2001 |

| Petroleum Fraction | Concentration mg/L (ppm) | Reporting Limit mg/L (ppm) |
|--|--------------------------|----------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 0.30 |

Comments

The cover letter and enclosures are integral parts of this report.

TPH was detected in the sample at 0.29 mg/L (ppm). The method blank concentration is 0.24 mg/L (ppm). The sample concentration was less than 10 times the blank concentration; therefore, per EPA technical guidelines, the sample concentration was not reported.

Approved by: 

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1

Preparation Method: Modification A EPA 3510

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: SB-5

Lab Project-ID Number: 8728-3

Sample Number: 142241

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-2001

| Petroleum Fraction | Concentration mg/L (ppm) | Reporting Limit mg/L (ppm) |
|--|-----------------------------|----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 0.20 |

Comments

The cover letter and enclosures are integral parts of this report.

Approved by: 

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-2 5-5.5*

Lab Project-ID Number: 8728-4

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: 

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: *010601069024*

Sample Description: *SB-2 12.5-12.75*

Lab Project-ID Number: *8728-5*

Sample Number: *NS*

Date Sampled: *01/26/94*

Date Received: *01/27/94*

Date Extracted: *01/27/94*

Date Analyzed: *01/28/94*

Batch Number: *940127-0301*

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *KD* Date: *1-31-94*

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-3 5-5.5*

Lab Project-ID Number: 8728-7

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: _____

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-3 12-12.5*

Lab Project-ID Number: 8728-8

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: 

Date: *1-31-94*

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-4 5-5.5*

Lab Project-ID Number: 8728-10

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *[Signature]*

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-4 11-11.5*

Lab Project-ID Number: 8728-11

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *[Signature]*

Date: 1/31/94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1

Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-5 5-5.5*

Lab Project-ID Number: 8728-1

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *[Signature]*

Date: 1-31-94

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS

Analytical Method: EPA 418.1
Preparation Method: Modification A EPA 3550 {a}

Project Name: *Kemper-Trinity Ct. Prop.*

Project Number: 010601069024

Sample Description: *SB-5 12-12.5*

Lab Project-ID Number: 8728-2

Sample Number: *NS*

Date Sampled: 01/26/94

Date Received: 01/27/94

Date Extracted: 01/27/94

Date Analyzed: 01/28/94

Batch Number: 940127-0301

| Petroleum Fraction | Concentration mg/Kg (ppm) | Reporting Limit mg/Kg (ppm) |
|--|------------------------------|-----------------------------------|
| Total Recoverable Petroleum Hydrocarbons | BRL | 5.0 |

Comments

The cover letter and enclosures are integral parts of this report.

{a} Shaker is used instead of sonicator for extraction.

Approved by: *[Signature]*

Date: 1/31/94

CLS Labs

McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

05/14/97

Attention: K. Hoofard

Reference: Analytical Results

Project Name: Amresco
Project No.: 01.0602875.001.001
Date Received: 05/09/97
Chain Of Custody: 28551

CLS ID No.: N7498
CLS Job No.: 807498

The following analyses were performed on the above referenced project:

| <u>No. of Samples</u> | <u>Turnaround Time</u> | <u>Analysis Description</u> |
|---------------------------|----------------------------|-----------------------------|
| 6 | 2 Days | TPH Fingerprint, EPA m-8015 |
| 5 | 2 Days | TPH Fingerprint, EPA m-8015 |

These samples were received by CLS Labs in a chilled, intact state and accompanied by a valid chain of custody document.

Calibrations for analytical testing have been performed in accordance to and pass the EPA's criteria for acceptability.

EPA 8015 Modified - Water:
Although Samples SB-9 (516251), SB-8 (516252), SB-6 (516253), SB-7 (516254), and SB-10 (516255) were found to contain compounds in the retention time range generally associated with Diesel and Motor Oil, the chromatograms for these samples were not consistent with the expected chromatographic pattern or "fingerprint." However, the reported concentrations are based on Diesel and Motor Oil calibration.

EPA 8015 Modified - Soil:
Although Samples SB-11, SB-9, SB-8, SB-6, SB-7, and SB-10 were found to contain compounds in the retention time range generally associated with Motor Oil, the chromatograms for these samples were not consistent with the expected chromatographic pattern or "fingerprint." However, the reported concentrations are based on Motor Oil calibration.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,


George Hampton
Laboratory Director

3249 Fitzgerald Road
Rancho Cordova, CA 95742
(916) 638-7301
Fax (916) 638-4510

3083 Gold Canal Drive
Rancho Cordova, CA 95670
(916) 852-6600
Fax (916) 852-7292

00:16 MW 83 AM 15
LABORATORY
TV 11/11/97

| | | | | | | | | | | | |
|--|--|--|--|--|--|--|--|--------------------------|--|--|--|
| REPORT TO: | | CLIENT JOB NUMBER | | ANALYSIS REQUESTED | | | | FIELD CONDITIONS: | | | |
| ADDRESS <u>K. Hoofard</u> | | <u>01.0602875.001.001</u> | | PRESERVATIVES (F7)MS108 (SEE SPECIAL INSTRUCTIONS) | | | | <u>CLEAR, MILD</u> | | | |
| <u>11101 WHITE ROCK RD.</u> | | DESTINATION LABORATORY | | | | | | | | | |
| <u>RANCHO CORDOVA, CA 95170</u> | | <input checked="" type="checkbox"/> CLS (916) 638-7301 | | | | | | | | | |
| PROJECT MANAGER <u>K. Hoofard</u> <small>PHONE</small> <u>916-638-3696</u> | | 3249 FITZGERALD RD. | | | | | | | | | |
| PROJECT NAME <u>AMPRESO</u> | | RANCHO CORDOVA, CA 95742 | | | | | | | | | |
| SAMPLED BY <u>N. KING/O. WATTS</u> | | <input type="checkbox"/> OTHER | | COMPOSITE: | | | | | | | |
| JOB DESCRIPTION <u>PHASE II</u> | | | | | | | | | | | |
| SITE LOCATION <u>DUBLIN, CA</u> | | | | | | | | | | | |

| DATE | TIME | SAMPLE IDENTIFICATION | MATRIX | CONTAINER | | PRESERVATIVES | TURN AROUND TIME | | | | SPECIAL INSTRUCTIONS |
|--------|------|-----------------------|------------------|-----------|------|---------------|------------------|-------|-------|--------|--|
| | | | | NO. | TYPE | | 1 DAY | 2 DAY | 5 DAY | 10 DAY | |
| 5/8/97 | 1002 | SB-11 (9'-10') | Soil | 1 | TUBE | NP | X | X | | | CONTRACT PM TO VERIFY ANALYSIS (SAMPLE # 45904) (SAMPLE # 45905) (SAMPLE # 45906) (SAMPLE # 45907) (SAMPLE # 45908) (SAMPLE # 45909) SB-11 WAS DRY |
| | 1045 | SB-9 (9'-10') | Soil | 1 | TUBE | NP | X | X | | | |
| | 1243 | SB-8 (9'-10') | Soil | 1 | TUBE | NP | X | X | | | |
| | 1436 | SB-6 (9'-10') | Soil | 1 | TUBE | NP | X | X | | | |
| | 1545 | SB-7 (9'-10') | Soil | 1 | TUBE | NP | X | X | | | |
| | 1642 | SB-10 (9'-10') | Soil | 1 | TUBE | NP | X | X | | | |
| 5/8/97 | 1210 | SB-9 (516251) | H ₂ O | 1 | AL | NP | X | X | | | INVOICE TO: <u>K. Hoofard</u> PO. # QUOTE # |
| | 1306 | SB-8 (516252) | H ₂ O | 1 | AL | NP | X | X | | | |
| | 1502 | SB-6 (516253) | H ₂ O | 1 | AL | NP | X | X | | | |
| | 1605 | SB-7 (516254) | H ₂ O | 1 | AL | NP | X | X | | | |
| | 1705 | SB-10 (516255) | H ₂ O | 1 | AL | NP | X | X | | | |

| | | | | | |
|--|--|---|--|--|--|
| SUSPECTED CONSTITUENTS <u>TPH/G, D, MO</u> | | SAMPLE RETENTION TIME | | PRESERVATIVES: (1) HCL (2) HNO ₃ * (3) = COLD (4) | |
| RELINQUISHED BY (SIGN) <u>[Signature]</u> | | PRINT NAME / COMPANY <u>D. WATT/MCLAREN HANT</u> | | DATE / TIME <u>5/8/97 1730</u> | |
| RECEIVED BY (SIGN) <u>[Signature]</u> | | PRINT NAME / COMPANY <u>COURIER</u> | | DATE / TIME <u>5/8/97 0800</u> | |
| CONDITIONS / COMMENTS: <u>60 C</u> | | SHIPPED VIA <input type="checkbox"/> FED X <input type="checkbox"/> UPS <input checked="" type="checkbox"/> OTHER <u>EXPRESS-17</u> | | AIR BILL # | |

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-9 (516251)

Lab Contact: Ray Osowski
Lab ID No.: N7498-7A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

SB-9 (516251)

| Analyte | CAS No. | Results (mg/L) | Rep. Limit (mg/L) | Dilution (factor) |
|---------------------|---------|-------------------|----------------------|----------------------|
| Gasoline | N/A | ND | 0.25 | 5.0 |
| Diesel | N/A | ND | 0.25 | 5.0 |
| Motor Oil (C22-C32) | N/A | 1.8 | 0.25 | 5.0 |

ND - Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-8 (516252)

Lab Contact: Ray Osowski
Lab ID No.: N7498-8A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

SB-8 (516252)

| Analyte | CAS No. | Results (mg/L) | Rep. Limit (mg/L) | Dilution (factor) |
|---------------------|---------|-------------------|----------------------|----------------------|
| Gasoline | N/A | ND | 0.050 | 1.0 |
| Diesel | N/A | 0.060 | 0.050 | 1.0 |
| Motor Oil (C22-C32) | N/A | 0.45 | 0.050 | 1.0 |

ND - Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/13/97
Date Reported: 05/13/97
Client ID No.: SB-6 (516253)

Lab Contact: Ray Osowski
Lab ID No.: N7498-9A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

SB-6 (516253)

| Analyte | CAS No. | Results (mg/L) | Rep. Limit (mg/L) | Dilution (factor) |
|---------------------|---------|----------------|-------------------|-------------------|
| Gasoline | N/A | ND | 0.050 | 1.0 |
| Diesel | N/A | 0.088 | 0.050 | 1.0 |
| Motor Oil (C22-C32) | N/A | 0.36 | 0.050 | 1.0 |

ND = Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-7 (516254)

Lab Contact: Ray Osowski
Lab ID No.: N7498-10A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

SB-7 (516254)

| Analyte | CAS No. | Results (mg/L) | Rep. Limit (mg/L) | Dilution (factor) |
|---------------------|---------|----------------|-------------------|-------------------|
| Gasoline | N/A | ND | 0.050 | 1.0 |
| Diesel | N/A | 0.12 | 0.050 | 1.0 |
| Motor Oil (C22-C32) | N/A | 0.33 | 0.050 | 1.0 |

ND - Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-10 (516255)

Lab Contact: Ray Osowski
Lab ID No.: N7498-11A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

SB-10 (516255)

| Analyte | CAS No. | Results (mg/L) | Rep. Limit (mg/L) | Dilution (factor) |
|---------------------|---------|-------------------|----------------------|----------------------|
| Gasoline | N/A | ND | 0.050 | 1.0 |
| Diesel | N/A | 0.097 | 0.050 | 1.0 |
| Motor Oil (C22-C32) | N/A | 0.48 | 0.050 | 1.0 |

ND = Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Extracted: 05/09/97
Date Analyzed: 05/09/97
Date Reported: 05/13/97

Lab Contact: Ray Osowski
Lab ID No.: N7498
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

METHOD BLANK

| Analyte | CAS No. | Results (mg/L) | Reporting Limit (mg/L) |
|---------------------|---------|-------------------|------------------------------|
| Gasoline | N/A | ND | 0.050 |
| Diesel | N/A | ND | 0.050 |
| Motor Oil (C22-C32) | N/A | ND | 0.050 |

ND - Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Separatory Funnel, EPA Method 3510

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Extracted: 05/09/97
Date Analyzed: 05/09/97
Date Reported: 05/13/97

Lab Contact: Ray Oslowski
Lab ID No.: N7498
Job No.: 807498
COC Log No.: 28551
Batch No.: 51050
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: WATER

LAB CONTROL SAMPLE

| Analyte | CAS No. | LCS Conc. (mg/L) | LCS Recovery (percent) |
|------------------|---------|---------------------|------------------------------|
| Diesel (C12-C22) | N/A | 0.500 | 66 |

LAB CONTROL SAMPLE DUPLICATE

| Analyte | CAS No. | LCS Conc. (mg/L) | LCSD Recovery (percent) |
|------------------|---------|---------------------|-------------------------------|
| Diesel (C12-C22) | N/A | 0.500 | 77 |

LCS RPD

| Analyte | CAS No. | LCS Relative Percent Difference (percent) |
|------------------|---------|---|
| Diesel (C12-C22) | N/A | 15 |

CA DQMS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road
Rancho Cordova, CA 95742
(916) 638-7301
Fax (916) 638-4510

3083 Gold Canal Drive
Rancho Cordova, CA 95670
(916) 852-6600
Fax (916) 852-7292

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-11 (9'10') 45904

Lab Contact: Ray Osowski
Lab ID No.: N7498-1A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

SB-11 (9'10') 45904

| Analyte | CAS No. | Results (mg/kg) | Rep. Limit (mg/kg) | Dilution (factor) |
|---------------------|---------|--------------------|-----------------------|----------------------|
| Gasoline | N/A | ND | 1.0 | 1.0 |
| Diesel | N/A | ND | 1.0 | 1.0 |
| Motor Oil (C22-C32) | N/A | 3.5 | 1.0 | 1.0 |

ND = Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-9 (9'10') 45905

Lab Contact: Ray Osowski
Lab ID No.: N7498-2A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

SB-9 (9'10') 45905

| Analyte | CAS No. | Results (mg/kg) | Rep. Limit (mg/kg) | Dilution (factor) |
|---------------------|---------|--------------------|-----------------------|----------------------|
| Gasoline | N/A | ND | 1.0 | 1.0 |
| Diesel | N/A | ND | 1.0 | 1.0 |
| Motor Oil (C22-C32) | N/A | 3.8 | 1.0 | 1.0 |

ND = Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-8 (9'10') 45906

Lab Contact: Ray Osowski
Lab ID No.: N7498-3A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

SB-8 (9'10') 45906

| Analyte | CAS No. | Results (mg/kg) | Rep. Limit (mg/kg) | Dilution (factor) |
|---------------------|---------|--------------------|-----------------------|----------------------|
| Gasoline | N/A | ND | 1.0 | 1.0 |
| Diesel | N/A | ND | 1.0 | 1.0 |
| Motor Oil (C22-C32) | N/A | 3.8 | 1.0 | 1.0 |

ND - Not detected at or above indicated Reporting Limit

CA DOHS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road
Rancho Cordova, CA 95742
(916) 638-7301
Fax (916) 638-4510

3083 Gold Canal Drive
Rancho Cordova, CA 95670
(916) 852-6600
Fax (916) 852-7292

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-6 (9'10') 45907

Lab Contact: Ray Osowski
Lab ID No.: N7498-4A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

SB-6 (9'10') 45907

| Analyte | CAS No. | Results (mg/kg) | Rep. Limit (mg/kg) | Dilution (factor) |
|---------------------|---------|--------------------|-----------------------|----------------------|
| Gasoline | N/A | ND | 1.0 | 1.0 |
| Diesel | N/A | ND | 1.0 | 1.0 |
| Motor Oil (C22-C32) | N/A | 3.3 | 1.0 | 1.0 |

ND - Not detected at or above indicated Reporting Limit

CA DMS ELAP Accreditation/Registration Number 1233

3249 Fitzgerald Road
Rancho Cordova, CA 95742
(916) 638-7301
Fax (916) 638-4510

3083 Gold Canal Drive
Rancho Cordova, CA 95670
(916) 852-6600
Fax (916) 852-7292

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-7 (9'10') 45908

Lab Contact: Ray Osowski
Lab ID No.: N7498-5A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

SB-7 (9'10') 45908

| Analyte | CAS No. | Results (mg/kg) | Rep. Limit (mg/kg) | Dilution (factor) |
|---------------------|---------|--------------------|-----------------------|----------------------|
| Gasoline | N/A | ND | 1.0 | 1.0 |
| Diesel | N/A | ND | 1.0 | 1.0 |
| Motor Oil (C22-C32) | N/A | 3.9 | 1.0 | 1.0 |

ND = Not detected at or above indicated Reporting Limit

CLS Labs

Analysis Report: Fuel Fingerprinting, EPA 8015 Modified
Sonication, EPA Method 3550

Client: McLaren/Hart-Rancho Cordova
11101 White Rock Rd.
Rancho Cordova, CA 95670

Project No.: 01.0602875.001.001
Contact: K. Hoofard
Phone: (916)638-3696

Project: Amresco

Date Sampled: 05/08/97
Date Received: 05/09/97
Date Extracted: 05/09/97
Date Analyzed: 05/12/97
Date Reported: 05/13/97
Client ID No.: SB-10 (9'10') 45909

Lab Contact: Ray Oslowski
Lab ID No.: N7498-6A
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

SB-10 (9'10') 45909

| Analyte | CAS No. | Results (mg/kg) | Rep. Limit (mg/kg) | Dilution (factor) |
|---------------------|---------|--------------------|-----------------------|----------------------|
| Gasoline | N/A | ND | 5.0 | 5.0 |
| Diesel | N/A | ND | 5.0 | 5.0 |
| Motor Oil (C22-C32) | N/A | 7.5 | 5.0 | 5.0 |

ND = Not detected at or above indicated Reporting Limit

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Contact: K. Hoofard
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Lab ID No.: N7498
Job No.: 807498
COC Log No.: 28551
Batch No.: 51049
Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

METHOD BLANK

| Analyte | CAS No. | Results (mg/kg) | Reporting Limit (mg/kg) |
|---------------------|---------|--------------------|-------------------------------|
| Gasoline | N/A | ND | 1.0 |
| Diesel | N/A | ND | 1.0 |
| Motor Oil (C22-C32) | N/A | ND | 1.0 |

ND = Not detected at or above indicated Reporting Limit

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Instrument ID: PGC06
Analyst ID: SEPIDEHS
Matrix: SOIL

LAB CONTROL SAMPLE

| Analyte | CAS No. | LCS Conc. (mg/kg) | LCS Recovery (percent) |
|------------------|---------|----------------------|------------------------------|
| Diesel (C12-C22) | N/A | 5.00 | 86 |

LAB CONTROL SAMPLE DUPLICATE

| Analyte | CAS No. | LCS Conc. (mg/kg) | LCSD Recovery (percent) |
|------------------|---------|----------------------|-------------------------------|
| Diesel (C12-C22) | N/A | 5.00 | 77 |

LCS RPD

| Analyte | CAS No. | LCS Relative Percent Difference (percent) |
|------------------|---------|---|
| Diesel (C12-C22) | N/A | 11 |

CA DHS ELAP Accreditation/Registration Number 1233

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